IMPORTANT NOTES

Updated April 11, 2018

New to the University

1. Athletic Therapy Qualifying Program
The Athletic Therapy Stream within the Bachelor of Science 4-Year Degree in Kinesiology has developed a qualifying program and students will apply to Athletic Therapy in the third year. This new application process comes into effect for Fall 2019.

2. Canadian Academic English Language Assessment – Computer Edition
The University Senate approved the use of the Canadian Academic English Language Assessment – Computer Edition (CAEL-CE) for assessment of applicants' English Language Proficiency for admission to Undergraduate Studies.

3. Centre for Research in Cultural Studies
The University Senate approved a Centre for Research in Cultural Studies.

4. English as an Additional Language Teacher Certificate Program
The English as a Second Language Teacher Certificate Program (ESLTCP) has changed its name to the English as an Additional Language Teacher Certificate Program (EALTCP), effective April 2018.

5. Qualifying Year for Graduate Studies
The University Senate approved a Qualifying Year program in which prospective Graduate Students may take a year of undergraduate courses on the recommendation of their Department to better prepare for application to Graduate Studies.

ACADEMIC TERMS - The University of Winnipeg offers courses in three terms. The Fall and Winter terms each have 12 weeks of classes and 2 weeks of evaluation. A full course (6 credit hours) is normally taught over two terms and a half course (3 credit hours) over one term. However, a course may also be taught in a condensed or expanded time frame. The Spring term has 8 weeks of class and there is a Summer session during the months of July and August.

FIPPA and PHIA - *The Freedom of Information and Protection of Privacy Act* (FIPPA) and *The Personal Health Information Act* (PHIA) both apply to The University of Winnipeg. The Vice-Presidents of the University have responsibility for the implementation and oversight of all matters related to both pieces of legislation. Should any of the university's policies conflict with FIPPA or PHIA, the provisions of FIPPA or PHIA shall prevail unless otherwise expressly provided for at law.

LOSS OF SERVICE - No liability shall be incurred by The University of Winnipeg for loss or damage suffered or incurred by any student or third party as a result of delays in or termination of services, courses or classes by reason of: acts of God, fire, floods, weather, riots, wars, strikes, lock-outs, damage to University property, financial conditions, or other happenings or occurrences beyond the reasonable control of the University.

NATIONAL DAY OF ACTION AND REMEMBRANCE OF VIOLENCE AGAINST WOMEN - In recognition of the "National Day of Action and Remembrance of Violence Against Women," The University of Winnipeg Senate passed a motion that on December 6: there be academic amnesty for assignments, papers, participation marks, and attendance marks for that date; that no tests or exams be held after 3:30 p.m. on that date; and that classes operate on a normal schedule on that date.

RELIGIOUS HOLIDAYS- Students may choose not to attend classes or write examinations on holy days of their religion, but they must notify their instructors at least two weeks in advance. Instructors will then provide opportunity for students to make up work or examinations without penalty. On the recommendation of The Senate, a list of religious holidays is included below.

Religious Event	Religion	2017-18 DATES
Baisakhi	Sikh	April 14, 2018
Visakha Puja	Buddhist	April 29, 2018
Ramadan	Muslim	May 16 –June 15, 2018
Shavuot	Jewish	May 20-21, 2018
Lailat Ul Qadr	Muslim	June 11, 2018
Eid al Fitr	Muslim	June 15-17, 2018
Obon	Buddhist	July 13-15, 2018
Asalha Puja Day	Buddhist	July 27, 2018
Eid al Adha	Muslim	Aug 22-25, 2018
Krishna Janmashtami	Hindu	Sept 3, 2018
Rosh Hashanah	Jewish	Sept 10-11, 2018
Yom Kippur	Jewish	Sept 19, 2018
Day of Ashura	Muslim	Sept 21, 2018
Navaratri	Hindu	Oct 9-16, 2018
Diwali	Hindu	Nov 7, 2018
Mawlid an Nabi	Muslim	Nov 21, 2018

Guru Nanak Dev Sahib Birthday	Sikh	Nov 23, 2018
Hanukkah	Jewish	Dec 3-10, 2018
Christmas	Christian	Dec 25, 2018
Chinese New Year	Buddhist	Feb 5, 2019
Magha Puja	Buddhist	March 21, 2019
Baisakhi	Sikh	April 14, 2019
Good Friday	Christian	April 19, 2019
Passover	Jewish	April 20-26, 2019
Easter	Christian	April 21, 2019
Easter Monday	Christian	April 22, 2019
Ramadan	Muslim	May 6-June 4, 2019
Visakha Puja	Buddhist	May 18, 2019
Lailat Ul Qadr	Muslim	June 1, 2019
Eid al Fitr	Muslim	June 5-7, 2019
Shavuot	Jewish	June 9-10, 2019
Obon	Buddhist	July 13-15, 2019
Asalha Puja Day	Buddhist	July 16, 2019
Eid al Adha	Muslim	Aug 12-15, 2018
Krishna Janmashtami	Hindu	Aug 23, 2019

http://www.interfaithcalendar.org/

SMOKING - The University of Winnipeg is a non-smoking environment.

IMPORTANT NOTICE AND DISCLAIMER
The information in the 2018-2019 University Academic Calendar, posted on the University's website, is considered the final and accurate authority on all academic matters. If there are differences between any published documents and the posted Calendar, the posted Calendar will be considered the authority.

The contents of this Calendar reflect the intentions of the University at the time of posting, with respect to the matters it contains. THE UNIVERSITY EXPRESSLY RESERVES THE RIGHT TO DEVIATE FROM WHAT APPEARS IN THE CALENDAR, including both content and scheduling, in whole or in part, and including, without limiting the generality of this disclaimer, the right to revise the content of, and to cancel, defer, reschedule or suspend, in whole or in part, the scheduling of particular periods of instruction, courses, or programs, and the academic program of the University, and to alter, accelerate or defer fees and charges, and to do any or all of the above either in order to serve what the University considers to be the best interests of the academic or student community or of the University itself, or because of any circumstance or occurrence, whether occurring by or through the wilful act or negligence of the University, or otherwise and whether or not beyond the reasonable or other control of the University, and as a result of circumstances or occurrences including financial resources, natural catastrophe or disaster, the health, safety and well-being of the employees or students of the University, labour disagreements or disputes, slow-downs, work-stoppages, and strikes. THE UNIVERSITY DOES NOT ACCEPT, AND EXPRESSLY DISCLAIMS, ANY OR ALL RESPONSIBILITY OR LIABILITY to any person, persons or group, for any loss, injury, damages or adverse effect, either direct or indirect, consequential or otherwise, arising out of any one or more of such deviations. The University disclaims liability to any person who may suffer loss as a result of reliance upon any information contained in this Calendar.

Each and every of the subsequent provisions contained in this Calendar, and the relationship, both legal and otherwise, between the University, and its students, is expressly subject to and governed by the above provisions.

The Office of the Registrar will assist students with any questions or problems which might arise concerning the interpretation of academic regulations. It is, however, the responsibility of students to see that their academic programs meet the University's regulations in all respects.

DATES FOR THE 2018-19 ACADEMIC YEAR - ***June 7, 2018***

March 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Mar 14 FINAL DATE to withdraw without academic penalty from courses which begin in January 2018 and end in April 2018 of the 2018 Winter Term.

Mar 30 GOOD FRIDAY: University closed.

April 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Apr 5 LECTURES END for the 2018 Winter Term.

Apr 9-21 The Winter Term evaluation period for final items of work for this term which can include scheduled tests, exams, or the submission of papers or projects.

Apr 17 2017-18 Convocation Awards nomination deadline

May 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

May 1 LECTURES BEGIN for the Spring Term

May 1 FINAL DATE to pay fees without late payment fee being charged in the 2018 Spring Term.

May 21 VICTORIA DAY: University closed.

May 22 FINAL DATE to withdraw without academic penalty from courses which begin on May 1, 2018 and end on May 29, 2018 of the 2018 Spring Term.

May 28 LECTURES END for all courses scheduled in the first 4 weeks of the 2018 Spring Term which begin on May 1, 2018

May 29 Victoria Day Make-up day for 4 and 8 week classes which begin on May 1, 2018

May 30 No classes for courses in the 8 week term which begin on May 1, 2018 and end on June 27, 2018 of the 2018 Spring Term.

May 30 The Spring Term evaluation period for final items of work which can include scheduled tests, exams, or the submission of papers or projects for all courses scheduled in the first 4 weeks of the 2018 Spring Term which end on May 29, 2018.

May 31 FINAL DATE to withdraw without academic penalty from courses which begin on May 1, 2018 and end on June 12, 2018 of the 2018 Spring Term.

May 31 LECTURES RESUME for all courses in the 8 week term which begin on May 1, 2018 and end on June 27, 2018 of the 2018 Spring Term.

May 31 LECTURES BEGIN for all courses scheduled in the second 4 weeks of the 2018 Spring Term.

May 31 Spring/Summer General Bursary application deadline.

June 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Jun 13 FINAL DATE to withdraw without academic penalty from courses in the 8 week term which begin on May 1, 2018 and end on June 27, 2018.

Jun 12 LECTURES END for all courses scheduled in the first 6 weeks of the 2018 Spring Term which began on May 1, 2018, and includes classes in lieu of Victoria Day.

Jun 13 The Spring Term evaluation period for final items of work which can include scheduled tests, exams, or the submission of papers or projects for all courses scheduled in the first 6 weeks of the 2018 Spring Term which ends on June 12, 2018.

Jun 13 No classes for courses in the 12 week term which begin on May 1, 2018 and end on July 26, 2018.

Jun 14 LECTURES BEGIN for all course scheduled in the second 6 weeks of the 2018 Spring Term.

Jun 14 LECTURES RESUME for all courses in the 12 week term which begin on May 1, 2018 and end on July 26, 2018 of the 2018 Spring Term.

Jun 14 Annual Spring Convocation for the conferring of degrees in Arts, Kinesiology, Education and Theology

Jun 15 Annual Spring Convocation for the conferring of degrees in Science, Business and Economics

Jun 20 FINAL DATE to withdraw without academic penalty from courses in the second 4 week term which begin on May 31, 2018 and end on June 27, 2018 of the 2018 Spring Term.

Jun 27 LECTURES END for all courses in the second 4 week term and the 8 week term of the 2018 Spring Term.

Jun 28-29 The Spring Term evaluation period for all final items of work for the second 4 week term and the 8 week term which can include scheduled tests, exams or the submission of papers or projects.

July 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Jul 1 CANADA DAY: University closed.

Jul 2 UNIVERSITY CLOSED in lieu of Canada Day, Classes normally held on this day for courses in the second 6 week and 12 week terms will be scheduled on July 26, 2018.

Jul 3 LECTURES BEGIN for the Jump Start Session.

Jul 5 FINAL DATE to withdraw without academic penalty from courses in the 12 week term which begin on May 1, 2018 and end on July 26, 2018 of the 2018 Spring Term.

Jul 16 FINAL DATE to withdraw without academic penalty from courses in the 2nd six week term which begin on June 14, 2018 and end on July 26, 2018 of the 2018 Spring Term.

Jul 26 LECTURES END for all classes scheduled in the second 6 week and 12 week terms of Spring 2018 and include classes in lieu of Canada Day.

Jul 27 & 30 The Spring Term evaluation period for final items of work for the second 6 week term and the 12 week term which can include scheduled tests, exams, or the submission of papers or projects.

August 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Aug 1 FINAL DATE for receipt of applications for graduation from candidates who expect to graduate in October 2018.

Aug 1 FINAL DATE to withdraw without academic penalty from courses in 2018 Jump Start Session.

Aug 6 TERRY FOX DAY: University closed. Jump Start classes normally held on this day will be scheduled on August 14, 2018.

Aug 14 LECTURES END for the Jump Start session and include courses which have classes scheduled in lieu of Terry Fox Day.

Aug 15 The Jump Start evaluation period for final items of work which can include scheduled tests, exams, or the submission of papers or projects.

Aug 15 Sir William Stephenson Scholarship and Dr. & Mrs. Roderick Hunter Scholarship application deadline.

September 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Sep 3 LABOUR DAY: University closed.

Sep 4 LECTURES BEGIN for the 2018 Fall Term.

Sep 4 FINAL DATE to pay fees without a late payment fee being charged for all courses which begin in the 2018 Fall and Fall/Winter Terms.

Sep 4-17 Period when 2018-2019 Fall and Fall/Winter Term course registration, course adds/drops and section changes occur. Subsequent changes will be permitted only under the most exceptional circumstances and only when authorized by an Academic Advisor in the Student Services Office. Registration in all courses will be subject to space availability.

Sep 15 Opportunity Fund Bursary and Awards and Bursaries Application deadline.

October 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Oct 5 Scholarship application deadline.

Oct 7 - 13 Mid-term reading week. No classes, except Education students taking 4000 level certification courses are required to attend class and practicum during this period. Please consult your course outline for more information.

Oct 8 THANKSGIVING DAY: University closed.

Oct 12 Annual Fall Convocation for the conferring of degrees.

November 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Nov 1 FINAL DATE for receipt of applications for graduation from candidates who expect to graduate in February 2019.

Nov 11 REMEMBRANCE DAY: University closed.

Nov 12 FINAL DATE to withdraw without academic penalty from courses which begin in September and end in December of the 2018 Fall Term.

December 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Dec 3 LECTURES END for the 2018 Fall Term

Dec 5-19 The Fall Term evaluation period for final items of work for this term which can include scheduled tests, exams, or the submission of papers or projects.

Dec 6 Exams will be scheduled in the morning only on this day. WAVES Initiative (Women's Action Against Violence and Equal Status

Des 21 University closed from Dec 22, 2018 until January 2, 2019.

January 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Jan 3 University opens.

Jan 7 LECTURES BEGIN for the 2019 Winter Term.

Jan 7 FINAL DATE to pay all fees for the 2019 Winter Term without a late payment fee being charged.

Jan 7-18 Period when 2019 Winter Term course registration, course adds/drops and section changes occur. Subsequent changes will be permitted only under the most exceptional circumstances and only when authorized by an Academic Advisor in the Student Services Office. Registration in all courses will be subject to space availability.

Jan 31 Fall/ Winter General Bursary application deadline.

February 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

Feb 1 FINAL DATE for receipt of applications for graduation from candidates who expect to graduate in June 2019.

Feb 11 Annual Winter in Absentia Convocation for conferring of degrees.

Feb 15 FINAL DATE to withdraw without academic penalty from courses which begin in September 2018 and end in April 2019 of the 2018-2019 Fall and Winter Term.

Feb 16 -22 Winter Term Reading Week. No classes.

Feb 18 LOUIS RIEL DAY University closed.

March 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Mar 15 FINAL DATE to withdraw without academic penalty from courses which begin in January 2019 and end in April 2019 of the 2019 Winter Term.

April 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Apr 5 LECTURES END for the 2019 Winter Term.

Apr 9-23 The Winter Term evaluation period for final items of work for this term which can include scheduled tests, exams, or the submission of papers or projects.

Apr 16 2018-19 Convocation Awards nomination deadline

Apr 19 GOOD FRIDAY: University closed.

May 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

May 6 LECTURES BEGIN for the 2019 Spring Term.

May 6 FINAL DATE to pay fees without late payment fee being charged in the 2019 Spring Term.

May 20 VICTORIA DAY: University closed.

May 27 FINAL DATE to withdraw without academic penalty from courses which begin on May 6, 2019 and end on June 3, 2019 of the 2019 Spring Term.

June 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Jun 3 LECTURES END for all courses scheduled in the first 4 weeks of the 2019 Spring Term which begin on May 6, 2019

Jun 3 Victoria Day Make-up day for 4 and 8 week classes which begin on May 6, 2019

Jun 4 No classes for courses in the 8 week term which begin on May 6, 2019 and end on July 3, 2019 of the 2019 Spring Term.

Jun 4 The Spring Term evaluation period for final items of work which can include scheduled tests, exams, or the submission of papers or projects for all courses scheduled in the first 4 weeks of the 2019 Spring Term which end on Jun 3, 2019.

Jun 5 LECTURES RESUME for all courses in the 8 week term which begin on May 6, 2019 and end on July 3, 2019 of the 2019 Spring Term.

Jun 5 LECTURES BEGIN for all courses scheduled in the second 4 weeks of the 2019 Spring Term.

Jun 6 FINAL DATE to withdraw without academic penalty from courses in the first 6 week term which begin on May 6, 2019 and end on June 17, 2019 of the 2019 Spring Term.

June 13 &14 Annual Spring Convocation for conferring of degrees.

Jun 17 LECTURES END for all courses scheduled in the first 6 weeks of the 2019 Spring Term which begin on May 6, 2019

Jun 18 FINAL DATE to withdraw without academic penalty from courses in the 8 week term which begin on May 7, 2019 and end on July 3, 2019 of the 2019 Spring Term.

Jun 18 The Spring Term evaluation period for final items of work which can include scheduled tests, exams, or the submission of papers or projects for all courses scheduled in the first 6 weeks of the 2019 Spring Term which end on Jun 17, 2019.

Jun 19 LECTURES BEGIN for all courses scheduled in the second 6 weeks of the 2019 Spring Term and RESUME for 12 week classes.

Jun 25 FINAL DATE to withdraw without academic penalty from courses in the second 4 week term which begin on June 5, 2019 and end on July 3, 2019 of the 2019 Spring Term.

JULY 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Jul 1 CANADA DAY: University closed.

Jul 3 LECTURES END for all courses scheduled in the 8 week and second 4 weeks of the 2019 Spring Term which begin on May 6, 2019

Jul 8 LECTURES BEGIN for the Jump Start Session.

Jul 9 FINAL DATE to withdraw without academic penalty from courses which begin on May 6, 2019 and end on July 31, 2019 of the 2019 Spring Term

Jul 19 FINAL DATE to withdraw without academic penalty from courses in the second 6 week term which begin on June 19, 2019 and end on July 31, 2019 of the 2019 Spring Term.

Jul 31 LECTURES END for the second 6 week classes which begin on June14 and 12 week classes which begin on May 1, 2019 (includes make-up day for Canada Day).

August 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Aug 1 FINAL DATE for receipt of the applications for graduation from candidates who expected to graduate in October 2019

Aug 1 & 2 The Spring Term Evaluation period for all final items of work for the second 6 week term and the 12 week term which can include scheduled tests, exams or the submission of papers or projects.

Aug 5 TERRY FOX DAY: University Closed.

Aug 8 FINAL DATE to withdraw without academic penalty from courses in the Jump Start Session.

Aug 19 LECTURES END for Jump Start courses.

Aug 20 The Jump Start evaluation period for final items of work which can include scheduled tests, exams, or the submission of papers or projects.

September 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Sep 2 LABOUR DAY: University closed

Sep 3 Lectures begin for the 2019 Fall Term

October 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Oct 14 THANKSGIVING DAY: University closed.

TBA Annual Fall Convocation for the conferring of degrees.

GLOSSARY

Updated April 15, 2018

-A/B-

Academic Calendar: This annual publication provides key information for students on many aspects of their studies at The University of Winnipeg, including general regulations, degree requirements, grading policies, and course descriptions. There are two separate calendars: an Undergraduate Academic Calendar and a Graduate Studies Academic Calendar. Both documents can be found on the University's website: https://www.uwinnipeg.ca/academics/calendar/

Academic Misconduct: This refers to dishonest student behaviours that subvert academic standards. Examples include, but are not limited to plagiarism, cheating, improper research/academic practices, obstruction of the academic activities of another, impersonation, falsification or unauthorized modification of an academic record, aiding and abetting academic misconduct. See *Regulations and Policies* in the Calendar.

Admission: The process of applying to and providing the necessary documentation to enroll in a degree credit program at The University of Winnipeg. Please see: https://www.uwinnipeg.ca/future-student/admissions-reg.html

Adult Learner: Any person who has been out of the educational system for three years or more and is taking courses with an educational goal in mind. Adult learners can be attending university for the first time, returning after a significant break, transferring credits from other post-secondary institutions, or seeking a second degree.

Alumni: Graduates of University degree programs and PACE (Professional, Applied and Continuing Education) certificate and diploma programs are collectively called alumni. Upon graduation, these students automatically become members of the Alumni Association. Students who have successfully completed 30 credit hours of degree-credit courses may apply for Associate Membership.

Appeal: An avenue of recourse available to students who wish to seek redress for what they deem to be an unfair decision of a faculty member or the University administration, or to obtain exemption from a policy or regulation. Appeal procedures are outlined in *Regulations and Policies* in the Calendar. Some examples include deferred final exams, incomplete term work, financial appeals and grade appeals.

Audit: An audit student is someone who has paid a reduced fee and has been granted permission by the instructor and department to sit in on a course. An audit student may not participate in the class, except by invitation of the instructor, and is not entitled to write tests or exams, to have work graded, or to receive course credit.

-C-

Catalog Year: The year of the Academic Calendar containing the requirements a student must complete to earn a degree. Because degree requirements may change over time, a student may elect to change the catalog year to utilize requirements from newer or older calendars that fit best with their academic record. Students may not select a catalog year from years prior to the year of their admission to The University of Winnipeg.

Challenge for Credit: A method through which a student may, with appropriate evidence and documentation, be able to obtain credit based on an assessment of their informal and non-formal learning. PLAR or 'challenge for credit' procedures are outlined in the *Regulations and Policies* section of the Academic Calendar. For more information, contact Adult Learner Services.

Chair: The head of an academic department.

Cognate Course: A course from a related discipline deemed to complement the chosen area of study and to encompass knowledge and skills relevant to that area. Example: Courses in Sociology are cognate courses for Psychology.

Collegiate: The division of the University which offers a Grades 9 – 12 high school program.

Contact Hours: This term refers to the total number of hours of instruction for a specific course. This number includes weekly lectures, labs, and tutorials, as well as any other scheduled requirements.

Convocation: The ceremony at which degrees are conferred upon students, after which they are called graduates or alumni.

Coordinator: The head of an interdisciplinary program or department unit.

Corequisite: A specific course or requirement which must be undertaken at the same time as a prescribed course, if it has not already been completed.

Credit Hours: The "weight" of a course reflecting the amount of class time. Most courses are valued at ***6 credit hours*** (three lecture hours per week for TWO terms) or ***3 credit hours*** (three lecture hours per week for ONE term). The number of credit hours is noted in brackets after the course number e.g. PSYC-1000**(6)** Introductory Psychology is worth 6 credit hours. A student must successfully complete a specified total number of credit hours as part of meeting degree requirements. For example: 90 credit hours must be completed for a three-year BA. A student must also successfully complete a specific number of credit hours in the Major subject. See *Degree and Major Requirements* as well as *Areas of Study* in the Academic Calendar. Some courses, especially in science and languages, have labs. Labs are mandatory but do not count in your credit hour totals.

Cross-listed: A course which is cross-listed by two academic departments (e.g. MATH and STATS; HIST and CLAS; ECON and BUS) relates in content and perspective to both disciplines. As such, it may be offered under either department's course number. A cross-listed course may be used to partially meet the Major requirements of either department, regardless of the course number at the time the course was successfully completed. Note: There are a few courses cross-listed by three departments (for example, UIC, IS and BUS). Cross-listed courses may also include courses that are offered at two levels within one department, ANTH-3308 /ANTH-4308.

-D-

Dean: The administrative head of an academic unit at the University.

Deferred Exam Appeal: The opportunity granted to a student by the Senate Appeals Committee or an academic department to write a final exam or final test at an alternate time from the scheduled date. Appeal procedures are outlined in *Regulations and Policies* of the Academic Calendar.

Discipline: A branch of knowledge or learning.

Drop/Withdrawal: A student may choose to drop, or withdraw voluntarily from any course, up to and including the designated voluntary withdrawal deadline for that course. (See "Course Drop Information" and "Course Withdrawal Schedule" on the website for details.) The University may withdraw a student involuntarily from a course due to non-payment of fees, unacceptable classroom behaviour, or other issues.

-E-

Elective: A course not prescribed by the requirements of a program, but acceptable within that program and chosen by the student.

Experiential Learning: Uses direct experience and reflection on that experience as a means of learning. It includes activities such as co-ops, practica, internships, fieldwork, service learning and PLAR/RPL.

Experimental Courses: New courses offered by departments on a trial basis to gauge interest in particular topics. In the Academic Calendar, descriptions of experimental courses are included at the end of each department's section.

-F-

Faculty Members: The teaching and research staff of the University.

Faculty: A Faculty is a division of the University. The University of Winnipeg has the Faculties of Arts, Business and Economics, Education, Kinesiology, and Science.

Fee Payment Schedule: This term refers to the schedule of fee payment dates and deadlines for students. The dates are set by Financial Services and are not negotiable. https://www.uwinnipeg.ca/fees/

FIPPA: The acronym for the Freedom of Information and Protection of Privacy Act of the Government of Manitoba.

Formal Learning: This type of learning occurs within an educational institution, in the presence of a knowledge expert with an established curriculum to be completed within a specified time toward a credential, such as: courses completed at universities, colleges and extended and continuing education departments.

Full-Time Student: A student who is registered for a minimum of 9 credit hours per term.

-G-

Grade Point: The numerical value given to an alphabetical letter grade used in the assessment of academic performance.

Grade Point Average: A numerical index of performance, the Grade Point Average or GPA is calculated by dividing the number of weighted grade points achieved by the number of credit hours successfully completed. A cumulative GPA is based on all course attempts for which grades were received. The graduation GPA is based only on those courses which are presented for graduation (e.g., the best 90 credit hours for a 3-Year Degree that satisfy degree requirements, excluding failed courses and using the best grade in any course that was repeated).

Graduate Program: A program of studies that leads a student to a Master's degree.

Graduation: The process whereby students, having completed all the requirements in a prescribed course of study, are awarded the degree(s) earned, after which they are called graduates or alumni. A student must apply, in advance, for graduation – see *Regulations and Policies* of the Academic Calendar.

-H/I/J/K/L-

Humanities: Refers to disciplines or courses that focus on the study of ideas about human culture and its expression through art forms and systems of thought.

Humanities Requirement: The obligation of students in all degree programs to complete a minimum of 12 credit hours of designated Humanities courses. See *Degree and Major Requirements* in the Calendar for a list of courses which may be used to meet this requirement. http://www.uwinnipeg.ca/academics/calendar/docs/degreeandmajorrequirements.pdf

Incomplete Term Work Appeal: This term refers to the opportunity, granted to a student by the Senate Appeals Committee or an academic department, to complete items of term work after the end of the evaluation period for a course. Appeal procedures are outlined in *Regulations and Policies* of the Calendar.

Indigenous Course Requirement: Students first enrolling in Fall Term 2016 or later must take at least 3 credit hours from a list of courses approved by Senate. They may choose from a number of courses in which the greater part of the content is local Indigenous material — derived from or based on an analysis of the cultures, languages, history, ways of knowing or contemporary reality of the Indigenous peoples of North America. For more information and a list of eligible courses, please see *the Degree and Major Requirements* section of the Academic Calendar or visit http://uwinnipeg.ca/indigenous-course-requirement.

Informal Learning: This type of learning occurs anywhere, anytime and with anyone. It is how individuals manage their everyday lives, such as: dealing with emerging health issues, rearing children, conducting household renovations, volunteering in the community, hobbies and managing projects at work.

Institutional Credits: See "Residence Requirement."

International Students: Defined as non-Canadian students who do not have "permanent resident" status and have had to obtain the authorization of the Canadian government to enter Canada with the intention of pursuing an education. The Admissions Office at UWinnipeg can give applicants more information about admission requirements and procedures (email admissions@uwinnipeg.ca). The International Student Services (ISS) department provides a wide range of services and supports to incoming and current international students. They also host a variety of fun events and informative workshops throughout the year. See their website: https://www.uwinnipeg.ca/future-student/intl-students.html

-M/N/O-

Major: The major is the area of specialization undertaken as one of the requirements for a degree. Departmental majors require a student to take a minimum number of courses in an individual department. Interdisciplinary majors require a student to take relevant courses from a variety of departments in order to specialize in a topic which crosses disciplinary boundaries.

Minor: Students taking any undergraduate degree program may choose to add a Minor as a secondary area of interest. Always check what specific 18 credit courses are required to fulfill a minor designation. Only certain programs offer Minors. For a list, see the *Degree and Major Requirements* section of the Calendar.

Non-Academic Misconduct: Students have a responsibility to act in a fair and reasonable manner in their interactions with their peers, faculty, staff, and administration and in their use of university property. Examples of Non-Academic Misconduct include threats, using abusive language, violence, and disruptive behaviour. See *Regulations and Policies* in the Academic Calendar.

Non-Formal Learning: This type of learning is any educational activity that has clear learning objectives but usually takes place outside of an educational institution or does not lead to credentials: conferences, seminars and workshops through the workplace, training for volunteers and community programs.

-P/Q-

Part-Time Student: A student who is registered in fewer than 9 credit hours per term.

PHIA: The acronym for the Personal Health Information Act of the Government of Manitoba.

Plagiarism: This is a form of academic dishonesty where an individual presents work of another person, in whole or in part, as his or her own. Here "work" includes, but is not limited to essays, oral presentations, lab reports, art and performance compositions, diagrams, computer reports or software, research results. Plagiarism also includes submitting the same work for evaluation to more than one course without the consent of each instructor to do so. See Student Discipline under *Regulations and Policies* of the Academic Calendar.

PLAR: The acronym for Prior Learning Assessment and Recognition. See definition below.

Post-Secondary Education: is an optional stage of formal learning that occurs after secondary education.

Practicum: A course of study based on the practical application of theory to field work or research. In the BEd program, practicum applies to the courses and/or time that students spend in the schools student teaching.

Pre-Professional Studies: A group of courses that can be taken at UWinnipeg and used to fulfill the admission requirements for professional programs at other Canadian universities. Admission requirements may be taken at The University of Winnipeg for professional faculties and schools including, Architecture/Environmental Design, Chiropractic, Dental Hygiene, Dentistry, Journalism, Law, Medical Technology, Medicine, Occupational Therapy, Optometry, Pharmacy, Physical Therapy, Respiratory Therapy, Social Work, and Veterinary Medicine.

Prerequisite: The preliminary requirement which must be met before a course can be taken.

Prerequisite Waiver: Written permission from the instructor and/or Department for a student to register in a course without the stated prerequisite.

Prior Learning Assessment and Recognition: This educational initiative provides learners with welcome opportunities to identify, demonstrate and gain recognition for what they already know and can do. It allows learners to obtain credit for university-level knowledge and skills gained through informal and non-formal learning and/or other educational programs ineligible for transfer. (RPL) Recognition of Prior Learning is also a term used for PLAR. Procedures for PLAR are outlined in the section *Regulations and Policies* of the Academic Calendar. Contact Adult Learner Services for more information.

Professional, Applied and Continuing Education (PACE): Formerly known as the Division of Continuing Education, PACE offers non-degree credit courses and certificate/diploma programs in areas such as Information Technology, Public Relations, Human Resources, Educational Assistant Training, Network Security, Project Management, Marketing, Management and Web Development. For more information, see PACE on the University's website. Part-time program offerings are also available.

-R-

Recognition of Prior Learning (RPL): Provides learners with welcomed opportunities to identify, demonstrate and gain recognition for what they already know and can do. Four main areas under RPT are: Mature Access, Transfer Credit, PLAR-Challenge for Credit Process, and Military Training and Service.

Registration: The process of officially enrolling in courses for a particular term(s).

Requisites: Are requirements that must be met in order to take a course and receive credit for it. They may include prerequisites (courses that should be completed beforehand) and/or corequisites (courses to be taken concurrently, including labs).

Residence Requirement: The total number of credit hours that must be taken at The University of Winnipeg in order to qualify for a degree from the University. This is referred to as "Institutional Credits" In the "Student Planning" online tool.

Retroactive Withdrawal Appeal: This term refers to the opportunity, granted to a student by the Senate Appeals Committee to retroactively be withdrawn from a course after the end of the evaluation period for a course. Appeal procedures are outlined in *Regulations and Policies* of the Calendar.

-S-

Sciences: The disciplines or courses that are devoted to the systematic observation of and experimentation with the material and the functions of the natural or physical world.

Science Requirement: The obligation of students in all Bachelor of Arts, Bachelor of Business Administration and Bachelor of Kinesiology degree programs to complete 6 credit hours of Science courses. Bachelor of Education students have science requirements as part of their program as well. Students in some Science degree programs may have additional science requirements to fulfill in addition to the science courses in their major department. See *Degree and Major Requirements* in the Academic Calendar for a list of courses which may be used to meet the science requirement, or go to http://www.uwinnipeg.ca/academics/calendar/docs/degreeandmajorrequirements.pdf

Section: The University of Winnipeg may offer the same course multiple times per Term. To specify the class, a three-digit section number is assigned and can be found in the Timetable or on WebAdvisor/Student Planning.

Social Sciences: The disciplines or courses that focus on the scientific study of society and social relationships and behaviour.

Social Science Requirement: The obligation of students in Bachelor of Arts 4-year , Bachelor of Business Administration 4-year and Bachelor of Kinesiology 4-year degree programs to complete 12 credit hours of Social Science courses. See *Degree and Major Requirements* in the Academic Calendar for a list of courses which may be used to meet the social science requirement: http://www.uwinnipeg.ca/academics/calendar/docs/degreeandmajorrequirements.pdf

Student Planning: A web-based self-service system that allows a student to plan courses towards an undergraduate degree at The University of Winnipeg, and to register for courses in the coming terms. Students will access this tool through Webadvisor.

-T-

Taxation Receipts: The T2202A tax form (Tuition and Education Deduction Form) is available to you online through your WebAdvisor account at the end of February. T2202A forms are not mailed to students. Students must go online to retrieve and print their own forms. **https://www.uwinnipeg.ca/fees/tax-form-2202a.html**

Term: A designated period in the academic year during which courses are offered. Typically, ***Fall Term*** runs from September to December and ***Winter Term*** runs from January to April. ***Fall-Winter Term*** covers the entire period, from September to April. ***Spring Term*** spans from May to August, with courses starting on different dates throughout this time period.

Timetable: The list of courses which are offered during a particular term or terms. https://www.uwinnipeg.ca/timetable/

Timetabling: The act of selecting and scheduling courses from the Timetable.

Transcript: The official document prepared by the Student Records Office of each student's complete academic history.

Tuition: Each course is paid for at the time of registration. The approximate cost for the program does not include textbooks. Costs may vary depending on mode of course delivery and are tentative. **https://www.uwinnipeg.ca/fees/tuition.html**

-U/V/W-

Undergraduate: A student registered in a program of studies which leads to a Bachelor's degree.

WebAdvisor: The University's online registration system. Anyone can go to the University's website and click on WebAdvisor to search and read about course offerings for an upcoming term. Admitted students with an ID and password can also use this system for other functions, such as to review their student history/transcript/financial statement and to access final grades. The Student Planning tool, available to current students through WebAdvisor, facilitates degree planning and course registration.

Withdrawal/Drop: A student may choose to drop, or withdraw voluntarily from any course, up to and including the designated voluntary withdrawal deadline for that course. (See "Course Drop Information" and "Course Withdrawal Schedule" on the website for details.) https://www.uwinnipeg.ca/registration/withdrawal-schedules.html The University may withdraw a student involuntarily from a course due to non-payment of fees, unacceptable classroom behaviour, or other issues.

Writing Requirement: The Academic Writing Requirement refers to the obligation of students to take a writing course. This requirement is intended to aid students in developing their writing skills and strategies to the level generally expected of university students. Students may be exempted from the requirement in accordance with one of the criteria listed in the *Degree and Major Requirements* section of the Academic Calendar. Course descriptions for Academic Writing are included in the "Rhetoric, Writing and Communications" department section of the Academic Calendar.

THE UNIVERSITY

Updated Apr. 11, 2018

1. **Degrees Offered**
   a. **Undergraduate Degrees**
   b. **Graduate Degrees**
2. **Mission Statement**
   a. **Mission**
   b. **Guiding Principles**

1. Degrees Offered

a. Undergraduate Degrees

The University confers the following undergraduate degrees in the Faculties of Arts, Science, Education, Business and Economics, and The Gupta Faculty of Kinesiology and Applied Health:

Bachelor of Arts	BA (90 credit hours)
Bachelor of Arts (4-Year)	BA (4-Yr) (120 credit hours)
Bachelor of Arts (Honours)	BA (Hons) (120 credit hours)
Bachelor of Science	BSc (90 credit hours)
Bachelor of Science (4-Year)	BSc(4-Yr) (120 credit hours)
Bachelor of Science (Honours)	BSc(Hons) (120 credit hours)
Bachelor of Education (Integrated with BA)	BEd/BA (150 credit hours)
Bachelor of Education (Integrated with BSc)	BEd/BSc (150 credit hours)
Bachelor of Education (Integrated with BPHE)	BEd/BPHE (150 credit hours)
*Bachelor of Theology	BTh
Bachelor of Business Administration	BBA (90 credit hours)
Bachelor of Business Administration(4-Year)	BBA (4-Yr) (120 credit hours)
Bachelor of Physical and Health Education (3-Year)	BPHE (90 credit hours)
Bachelor of Kinesiology (4-Year)	BKin (120 credit hours)

b. Graduate Degrees

The University confers the following graduate degrees:

University of Winnipeg Master's Programs:

Master of Arts in Indigenous Governance	MA
Master of Science in Applied Computer Science and Society	MSc
Master of Science in Bioscience, Technology and Public Policy	MSc
Master of Arts in Cultural Studies	MA
Master's in Developmental Practice with a Focus on Indigenous Development	MDP
Master of Arts in Environmental, Resource and Development Economics	MA
Masters in Management	MiM
Master of Marriage and Family Therapy	MMFT
Master of Arts in Theology	MA
*Master of Arts in Spiritual Disciplines and Ministry Practices	MA
*Master of Divinity	MDiv
*Master of Sacred Theology	STM

- No new students are being accepted into these Theology programs at this time.

Joint Master's Programs with the University of Manitoba:

Master of Arts in History	MA
Master of Arts in Religion	MA
Master of Public Administration	MPA
Master of Arts in Peace and Conflict Studies	MA

A new program -- Master of Arts in Criminal Justice – has been approved and will be launched within the next year.

For further information on graduate degrees, please see the separate *Graduate Studies Academic Calendar*.

2. Mission Statement

a. Mission

The University of Winnipeg is committed to excellence in post-secondary education through undergraduate and selected graduate programs, rooted in the liberal arts and culminating in degrees such as those in Arts, Business Administration, Science, Education, Kinesiology, and Theology. In pursuit of our mission, we are guided by the knowledge that our primary responsibility is to our students, to whom we strive to offer a community which appreciates, fosters, and promotes values of human dignity, equality, non-discrimination and appreciation of diversity. We view both accessibility and excellence as important goals, and will endeavour to make the University as accessible as we can while maintaining high standards of quality in our academic programs. In the practice of scholarly enquiry through both teaching and research, we provide students with breadth and depth of knowledge, the skills to communicate effectively and to make informed decisions, an understanding of the ethical problems facing our society, and an appreciation of the full range of human, aesthetic, and environmental values. The University of Winnipeg values academic freedom, self-governance and community service.

b. Guiding Principles

The following abilities are central to a sound undergraduate liberal arts and science education: the ability to express oneself clearly and to read and listen critically; the ability to think logically and analyze quantitatively and qualitatively; the ability to relate the methods of the natural and social sciences to our natural and social environment; the ability to make informed and discriminating ethical and other value judgements; and the ability to interpret persons, things, events and circumstances from multiple philosophical, historical, cultural, and scholarly perspectives. An undergraduate liberal arts and science education enhances professional programs and provides a basis for life-long learning.

In keeping with the traditions of our founding colleges, The University of Winnipeg is concerned with developing our students' intellectual capacities, and their sense of self-worth and of responsibility to the community. We seek to increase their awareness of important moral issues, to develop and foster their concern for the welfare of others, and to enrich their understanding of the interdependence of all aspects of life in the modern world. This may be achieved through the

application of multi-disciplinary approaches to the study of important issues wherever possible.

The unique character of The University of Winnipeg derives from the fact that we are a medium-sized university with a primary focus on undergraduate liberal education. This enables us to offer considerable breadth and depth in our programs while maintaining reasonable class sizes and enhanced interaction among students and between students, faculty and staff. It is an important part of our mission to preserve and, wherever possible, to enhance this character through carefully planned academic development and attention to the needs of our students, both full and part-time. The University will continue to seek improvements in its physical facilities and amenities, including ways in which the University can have a positive impact on the broader environment. These actions will require increased attention to matters of funding, through continued advocacy before the provincial government and the public on the University's financial needs, and through efforts to raise funds from the private sector in support of programs, facilities and scholarships.

In the true spirit of the nature of universities, The University of Winnipeg has an important role in the creation of new knowledge and the exploration of new ideas. Through support of the research and other scholarly activities of faculty members, including participation in graduate studies both within the institution and in collaboration with other universities, the University ensures that teaching and learning keep pace with the ever-changing state of knowledge. Further, we are committed to providing our undergraduates with opportunities to participate in, and contribute to, these activities at a relatively early stage in their academic development.

Through the Faculty of Graduate Studies, The University of Winnipeg will work in partnership with other colleges and universities and with various denominations and religious traditions to provide certificate and graduate programs in Theology.

Our commitment to excellence is extended to include secondary education through The Collegiate, and to life-long learning through Professional, Applied and Continuing Education (PACE).

As essential components of the University tradition, the values placed on equality and diversity, academic freedom, self governance and community service, provide the environment whereby a community of scholars, students, and faculty may have the freedom to examine ideas responsibly, and to participate in the academic operations of the institution through processes which reflect a balance between democracy, efficiency, innovation, and accountability. Our mission and role in society requires that we foster an exemplary employment environment and adopt policies and measures which foster an atmosphere free from racism, sexism, and all other forms of stereotyping, harassment, and discrimination. The University of Winnipeg values the contributions of all staff members to our academic enterprise, and will endeavour to provide a healthy work environment, improved career opportunities, and job satisfaction.

The University of Winnipeg strives to pay particular attention to ways in which institutional resources – human, cultural, athletic, and recreational – can improve the quality of life in the broader community. This includes cooperation with business, industry, government, and community groups, and actions which ensure that the public is well-informed about the University and has ample opportunities to communicate with it.

The University of Winnipeg recognizes that our most valuable community resource is our alumni. We are committed to maintaining our ties with our graduates through open communication, through increased involvement of our alumni in the activities of the University and the Alumni Association, and by providing opportunities for further education.

Up-to-date information on

- **Registration**
- **Fees**
- **Awards and Financial Aid**

can be found in the "Student" section of the University's website at www.uwinnipeg.ca

ADMISSION PROCEDURES AND POLICIES

Updated May 8, 2018

1. **Admission Process**
   a. Student Number
   b. Application Fees
   c. Required Documentation
   d. Application Deadlines
   e. Acceptance
   f. Readmission
   g. Retention of Documents
2. **Admission into a Program of Study**
   a. Enrolment Limits
   b. Admission to the Faculty of Education
   c. Radiation Therapy
3. **Student Admission Categories**
4. **Admission Requirements**
5. **English Language Requirement**
6. **Transfer of Credit**
   a. Other Institutions
   b. International Baccalaureate Program
   c. Advanced Placement Program
7. **Forfeit of Previous Credit - Statute of Limitations**
8. **Course Auditors**

The University welcomes applications from Canadian and international students. All new students must apply for admission to the University. Notification of acceptance is required before students may register in courses. Students are admitted to the University on the basis of high school standing or previous studies at another university or college.
It is a matter of academic honesty to disclose all institutions attended. Withholding information can result in cancellation of acceptance or dismissal from the University. You must disclose studies that you passed and failed.

1. Admission Process

All students who wish to study at the University for the first time must submit a completed application for admission. See website: uwinnipeg.ca/future-student/apply/index.html

After evaluation, applicants receive formal notification of the decision.

Students who attended United College prior to July 1, 1967 must apply for admission before they can register for a course.

Applicants for off-campus programs must follow the same application procedures and meet the same requirements as regular on-campus students.

a. Student Number

A Student Number is assigned to each student upon application. It identifies student files, and appears on official documents including the official letter of acceptance and all statements of examination results issued by the University. The Student Number should be quoted in all contacts with University offices.

b. Application Fees

Each time an applicant applies to the University for admission or readmission, an application fee is required. This fee, non-refundable and not applicable to tuition fees, must accompany the application for admission.
See website: uwinnipeg.ca/future-student/apply/index.html

c. Required Documentation

All documents submitted in support of an application must be official Copies are not acceptable in most situations unless documents are able to be verified online. Please see the following link for more information: https://www.uwinnipeg.ca/future-student/international/countries-a-to-z/index.html. Replaceable documents submitted with an application become the property of the University and will not be returned. Misrepresentation, falsification of documents, or the withholding of requested information with respect to the application, can result in the cancellation of acceptance and registration or dismissal from the University. The following supporting official documents must be submitted with a non-refundable application fee before any application will be considered:

- Official Transcripts:
  - From secondary school showing all courses taken, grades achieved and proof of graduation
  - Post-secondary institutions attended, whether or not the work was completed or unsuccessful.
- Proof of Citizenship:
  - Permanent Residents are required to provide proof of immigration status as well as the “Landed On” date
  - Those born outside of Canada are required to provide proof of citizenship.
- Change of Name:
  - Married persons whose academic credentials may be in their birth name or previous married name must submit a marriage certificate for each change. Changes of name for reasons other than marriage must also be substantiated by appropriate certification.
- English Language Requirement
  - Those whose primary language is not English must meet one of the conditions as set out in the English Language Policy. See website: uwinnipeg.ca/future-student/international/lang-req.html
- Prior Educational Activities:
  - Applicants must provide a detailed account of their educational activities between secondary school to the date of application for admission. This should include any additional high school, college, university, language classes, etc. This information must be included on the application for admission.

- Translation:
  - Official translations, certified by an educational or embassy official, or made by a certified translator, are required for records that are not in English.

d. Application Deadline Dates

The application and all required documentation must be received by the Admissions Office by the scheduled deadlines See website:.
uwinnipeg.ca/future-student/apply/index.html

Contact information:
admissions@uwinnipeg.ca
204-779-UWIN (8946)
uwinnipeg.ca/future-student/index.html

e. Acceptance

Acceptance in time to register cannot be guaranteed if the application for admission form and/or the required documents are received after the specified deadline date.

Students who do not register within one year of their acceptance will be required to re-apply. Students who are admitted to the University and register, then subsequently withdraw from the University before classes officially begin, must also re-apply.

f. Readmission

Students who have previously attended The University of Winnipeg and who fall into one of the following categories must apply for readmission by completing an Application for Continuance Form. See website: uwinnipeg.ca/future-student/requirements/continuing.html
This applies to the following students:

- Students who have not been registered in courses at the University for one or more years; or
- Students who previously completed a degree program at the University and who wish to return to take further courses towards a second degree or for general interest.

Students who attended another university or college since their last registration at The University of Winnipeg must attach an official transcript to the continuance form for evaluation by the Admissions Office. Registration will not be permitted until the evaluation is done.

g. Retention of Documents

The documents supplied to support an application for admission will be retained for one year from the date of acceptance. After this time period, the application form, transcripts and other materials related to the application will be destroyed. Irreplaceable documents will be returned to the applicant only if requested before one year.

2. Admission into a Program of Study

Students are asked to select a program at the time of application, but are permitted to change their degree program during the course of their studies.

a. Enrolment Limits

Completion of the minimum requirements does not guarantee admission to any course or program at the University. In those instances where the number of qualified applicants exceeds the number that, in the opinion of the University, can be accommodated, the University reserves the right to select from among the qualified applicants.

Applicants seeking admission to some limited enrolment programs (e.g. Education, Applied Biology/Chemistry/Environmental Studies, Joint Communications, Radiation Therapy, etc.) are subject to a selection process. International students may not be eligible to enroll in all programs.

b. Admission to the Faculty of Education

Space in the Faculty of Education is limited and not all eligible applicants may be admitted.

- Students currently registered in a BA or BSc program may apply for admission to the Integrated BEd program with advanced standing.
- Successful applicants will need to submit and be cleared on a formal Criminal Record Search Certificate including a Vulnerable Sector Screening, and submit and be cleared on a formal Child Abuse Registry check before admission can be finalized. Applicants who have a criminal record should also be prepared to present an official fingerprint search/disposition. Please see the Education section of the Calendar for more information.
- Students are admitted to the Integrated BEd or After-Degree programs for studies commencing in the Fall Term.
- Applicants to the Integrated BEd Program must meet Regular or Mature Status.
- International students are not eligible to enroll.

Expanded Admission Policy

The Faculty of Education has established a policy of expanded admission to aid in the recruitment of a group of education students who generally reflect the diversity of the population in Manitoba. Categories of expanded admission include: Aboriginal Peoples of Canada, Visible Persons, and Special Consideration. Please see the Education section of the course calendar for further information.

Certified Teachers

Certified teachers are advised to have their documents reviewed by the Professional Certification Unit, Manitoba Education prior to submitting their application for admission.

c. Radiation Therapy

Space in the Radiation Therapy Degree Program is limited to six-eight Manitoba Residents and not all eligible applicants may be admitted.

- Students who have completed the specified 24 credit hours of pre-requisites may apply for admission to the Radiation Therapy 4-yr BSc with advanced standing.
- Successful applicants will need to submit and be cleared on a formal Criminal Record Search Certificate including a Vulnerable Sector Screening, and submit proof of current certification of cardiopulmonary resuscitation (CPR) at the basic Life Support (BLS) Health Care Provider (HCP -Level C).
- International students are not eligible to enroll.

3. Student Admission Categories

A student admitted to the University will receive one of the following status designations:

Regular: meets Regular Status entrance requirements.

Conditional: has completed the high school courses for entrance requirements with an average between 50-64.99% (international students are not eligible).

Concurrent: has registered in a specified number of first-year University of Winnipeg courses while completing entrance requirements at the University's Collegiate. International Students must meet high school graduation requirements in their home country and have graduated.

Accelerated: has special admission to a partial first-year Arts and Science program, while attending a Manitoba high school and simultaneously completing subjects necessary to meet regular entrance requirements.

Mature: meets Mature Status entrance requirements, and will turn 21 years of age during the calendar year in which he/she first registers.
(International Students are not eligible)

Mature Access: meets Mature Access criteria and may enroll in two specified courses. Upon successful completion (minimum grade of C), the student will move to Mature status.
(International students are not eligible)

Probationary: has completed some university courses and does not meet the minimum performance standard (International Students are not eligible).

Visiting: has a letter of permission from another university to take courses at The University of Winnipeg.

Second-Degree: has obtained a first university degree from The University of Winnipeg or another university.

For more information on admission status categories, visit: uwinnipeg.ca/future-student/admissions-req.html

4. Admission Requirements

Admission requirements for Canadian and international students can be found online.
uwinnipeg.ca/future-student/admissions-req.html

a. Out-of-Province Canadian High School Applicants
Candidates must present standing in Grade 12 English and meet the graduation requirements according to their home Province.
uwinnipeg.ca/future-student/requirements/out-of-province-hs-students.html

b. International Applicants
Candidates will be considered for admission to the University on an individual basis. Meeting the minimum academic requirement does not guarantee admission. The University reserves the right to set a level of academic proficiency to determine acceptance.
uwinnipeg.ca/future-student/intl-students.html

5. English Language Requirement

The language of instruction at the University of Winnipeg is English. That means you must have a level of ability in English that allows you to participate in all aspects of university study, including lectures, reading, writing, and discussion. If English is not your first/primary language, you must show you are ready to study here by meeting the English Language Requirements of the University. Students will not be admitted until this requirement has been met, at the discretion of the Admissions Office.
uwinnipeg.ca/future-student/international/lang-req.html

6. Transfer of Credit

Students who have been pursuing post-secondary studies at another institution may apply for admission to the University, seeking to complete the work for a first Bachelor's degree; such applicants must be students in good standing at the former institution. Students seeking a second Bachelor's degree should refer to *Degree and Major Requirements*.

Applicants seeking admission with transfer credit are advised that the courses transferred, together with those they subsequently take at The University of Winnipeg, must meet the general and specific requirements of the Faculty and department in which they choose to major. Applicants should not assume that they will complete the degree with a number of credit hours equal to the difference between total hours required for the degree and transferred hours.

Credits that are transferred from institutions outside of Canada (excluding the USA) or non-AUCC institutions will be transferred in a "S" grades and will not count toward the overall grade point average of the student.

a. Other Institutions
Students wishing to have credits from another institution assessed for credit toward their degree at the University **must** disclose this on their application for admission and provide the necessary information like course descriptions **within four months** of being admitted. Documentation received after the four month period will not be evaluated and no credit will be granted. See website:
uwinnipeg.ca/future-student/requirements/transfer.html

b. International Baccalaureate Program
Credit or advanced standing is granted in specific subject areas for Higher Level courses provided a minimum score of 4 has been attained. An official copy of the International Baccalaureate results must be forwarded to the Admissions Office, or a request may be submitted to IB to enable the University to access official results electronically. Accepting credit is voluntary and students may elect to decline the credit or advanced standing. For complete details visit uwinnipeg.ca/future-student/requirements/ap-and-ib-info.html

c. Advanced Placement Program (College Board)
Credit or advanced standing is granted in specific subject areas on the basis of Advanced Placement (College Board) examinations provided a minimum score of 3 has been attained (in some cases a score of 4 is required). An official mark statement from the College Board must be forwarded to the Admissions Office. Students may elect to decline the credit or advanced standing. For complete details visit uwinnipeg.ca/future-student/requirements/ap-and-ib-info.html

7. Forfeit of Previous Credit – Statute of Limitations

Students who have not registered at any university or degree-granting college for at least three years may choose whether to retain or forfeit previous credits.

A request to forfeit credit must be made in writing to the Admissions Office. The status on admission or re-entry will be determined by pre-university qualifications and current University of Winnipeg admission requirements.

Forfeit of credit will not be granted after a student has graduated from The University of Winnipeg. Students who forfeit credits under the three-year statute of limitations must fulfill the University degree requirements which are in place when they resume their studies. Students are limited to one opportunity to forfeit credit during their academic career.

8. Course Auditors

This applies to non-University of Winnipeg students only. Course auditors do not receive credit for courses completed. Students may attend courses at The University of Winnipeg as an auditor provided they receive written permission from the instructor to audit the course which is submitted with an application to audit form. Supporting documentation for normal degree-program admission will not be required for domestic applicants. International applicants must meet the English Language Requirement and provide supporting documentation.

REGULATIONS & POLICIES

Updated May 17, 2018

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1. Information and Advice

As expressed in its guiding principles, The University of Winnipeg is committed to fostering an environment in which "a community of scholars - students and faculty - may have the freedom to examine ideas responsibly, and to participate in the academic operations of the institution through processes which reflect a balance between democracy, efficiency, innovation and accountability." To this end, the governing bodies of the University have developed various regulations, policies and procedures to guide the activities of this community. Many of these regulations and policies are described or cited in this section. Advice and further information can be obtained from an Academic Advisor. Each policy statement mentions an individual or department to contact for advice and further information.

Information on how to register for courses can be found in the "Registration" section of the website at www.uwinnipeg.ca

2. Regulations Pertaining to Registration

a. Period of Study for an Undergraduate Degree

While the University continues to offer students the conventional route of full-time study towards their degrees, students may choose to pursue the degree on a part-time basis or through some combination of full- and part-time studies. There is no limit to the time it takes to earn a degree.

b. Definition of Full-time / Part-time Students

Students will be registered in one of the two following categories:

- Full-time - Registered for minimum 9 credit hours per term
- Part-time - Registered for fewer than 9 credit hours per term

c. Progress through Degree

Students are considered to have completed the individual years of their degree programs at the following points:

- First year - 30 credit hours completed;
- Second year - 60 credit hours completed;
- Third year - 90 credit hours completed;
- Fourth year - 120 credit hours completed;
- Fifth year - 150 credit hours completed.

d. Course Auditors

Auditing a course means taking the course without receiving academic credit towards a degree. Audited courses will be recorded on the student transcript as AU.

Current students may attend courses as an auditor provided they first request permission to audit the course from the instructor prior to their registration appointment date. If approved to audit the course, permission will be emailed to Registration.

Students wishing to change their registration from credit to audit, or audit to credit, may do so during the period for course and section changes. Any changes after this period must be appealed to the Senate Appeals Committee through Academic Advising.

For information on fees to audit a course, please see *Fees* on the University website.

For descriptions of all student categories, see the "Admissions" section of this Academic Calendar.

e. Maximum Course Load per Term

There is a limit to the number of credit hours a student may take per term.

Regular Status

The normal course load for Regular status is 15 credit hours per term.

– Students who have completed 30 credit hours or more, with a GPA of 2.5 (C+) or higher, may register for 18 credit hours per term without seeking written permission.

– All other Regular status students must seek the written permission of an Academic Advisor if they wish to register for more than the normal course load.

- **Probationary/Conditional Status Students**

Probationary and Conditional status students may register for a maximum of 9 credit hours per term. Students wishing to register for more than 9 credit hours per term, must seek written permission of an Academic Advisor before registration.

- **Mature Status Students**

Mature status students are limited to 12 credit hours per term unless written permission for an overload is obtained from an Academic Advisor.

- **Concurrent Status Students**

Concurrent students are allowed a maximum of 15 credit hours per term in courses taken at the Collegiate and the University (a full credit course in the Collegiate is equivalent to 6 credit hours).

f. **Requisites (Prerequisites & Corequisites)**

Requisites are requirements that must be met in order to take a course and receive credit for it. They may include prerequisites (courses that should be completed beforehand) and/or corequisites (courses to be taken concurrently, including labs).

A prerequisite is a course that must be successfully completed before a student can register for another course.

Many second, third and fourth year courses have prerequisites which are noted in the course descriptions. It is the student's responsibility to ensure that all requisites are met or a departmental waiver is obtained before registration.

Students who believe they have background comparable to the material in a prerequisite course may ask either the Department Chair or the course instructor for permission to take a course without having taken the prerequisite course(s). Students must first obtain approval for the prerequisite waiver prior to being registered. If approved, either the instructor or the Department Chair (or designate) will email the permission to Student Central. Then you will be notified by Student Central when you can register for the course. If the course is full, you can place yourself on the course wait list. For more information, please go to the "Registration" section of the University's website, under "Requisite Waivers, Department Approvals and Granted Petitions."

Note: If you are on a Waitlist and a seat becomes available, an email will be sent to your UW Webmail account with instructions on how to claim your seat in the course. For more information, please go the "Registration" section of the University's website, under "Wait Lists."

High School Prerequisites for First Year Courses

The following departments and programs have Senior 4 (Grade 12) or equivalent prerequisites which must be met before students may take introductory courses in these departments.

In order to register for:		you must have standing in:
Applied Comp. Science	ACS 1903	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
	ACS 1905	Minimum grade of 75 (or equivalent) in Computer Science 40S plus one of Pre-Calculus Math 40S or Applied Mathematics 40S
Biology	BIOL 1115	Chemistry 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S
	BIOL 1116	Chemistry 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S
Business & Economics	BUS 2002	Pre-Calculus Mathematics 40S or Applied Mathematics 40S *or MATH 0041 and MATH 0042 with a grade of at least C. See department listing for more details.
Chemistry	CHEM 1111	Chemistry 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S
	CHEM 1112	Chemistry 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S
Economics	ECON-1201	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
Mathematics	MATH 1101	Pre-Calculus Mathematics 40S

	MATH 1102	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
	MATH 1103	Pre-Calculus Mathematics 40S
	MATH 1201	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
	MATH 1401	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
Physics	PHYS 1101	Physics 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S
	PHYS 1301	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
Statistics	STAT 1301	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
	STAT 1501	Pre-Calculus Mathematics 40S or Applied Mathematics 40S

g. Recommended Pre-Registration Advising

Academic Advising is highly recommended for all newly accepted, first-year, continuing and transferring students. Academic Advisors can assist students with detailed information related to registration, programs, courses, procedures, student services and academic supports. This can be done prior to registration and at any point throughout their education.

First-year students can particularly benefit from information about the registration process. The University of Winnipeg also offers First Year Information (FYI) sessions during April, May, June and July. For details, please go to uwinnipeg.ca/fyi.

The feedback and guidance of an Academic Advisor is available for all students. Students also have access to a new online tool called "Student Planning." Student Planning should be used in conjunction with the Academic Calendar.

Please be aware that Bachelor of Education students are required to meet with designated BEd Advisors regarding course selection and planning.

Students with disabilities may benefit from contacting Accessibility Services prior to registering for courses.

Please contact Academic Advising at (204) 786-9257 or email advising@uwinnipeg.ca to either set up an appointment (45 minutes), or come to a drop-in session (10 minutes), Monday to Friday, 8:30am – 4:00pm. The Academic Advising Office is located at 489 Portage Avenue, 1st Floor, Rice Building.

h. Major Declaration and Advising

Students are asked to declare a Major before registering for their 36th credit hour of course work and are ***required*** to declare the Major before registering for their 60th credit hour of course work.

The best way to choose a major is to become well informed! Knowledge about the wide range of options for majors - together with a good understanding of your interests, goals and preferences - will help you pick the best major for you. Academic Advisors are available to help. Call (204) 786-9257 to make an appointment with an Academic Advisor. Tips for Major selection can be found on the Academic Advising webpage.

Students are normally required to consult with, and receive written permission from the Department Chair or Program Coordinator before declaring a Major. Major Declaration forms are found online at "Forms" and at Student Central.

For further information on declaring a Major, please see *Degree and Major Requirements*.

i. Letters of Permission / Registration for Courses at Other Post-secondary Institutions for Transfer of Credit

University of Winnipeg students who want to take courses at other recognized universities or accredited colleges for transfer of credit to the Faculties of Arts, Science, Education, Kinesiology, and Business and Economics must apply for a **Letter of Permission (LOP)** by the deadline date for each Term. Letters of Permission must be obtained prior to a student's registering for courses at the host institution. www.uwinnipeg.ca/index/services-letpermission

- To be eligible for a Letter of Permission students must be on **Regular Status** and have successfully completed a minimum of 18 credit hours of University of Winnipeg course work with a minimum GPA of 2.0 (C). This requirement also applies to Transfer Students. (No Letters of Permission will be issued to students whose status is Mature, Conditional, Concurrent or Probation.)
- Students who have not registered in courses at The University of Winnipeg for one or more years must complete an **Application for Continuance** before the Letter of Permission will be processed.
- If there is a HOLD on a student's record, the HOLD must be cleared before the Letter of Permission will be processed.
- Each LOP application must be accompanied by the appropriate non-refundable fee.
- A separate application and fee is required for each term (i.e. Fall, Winter or Spring) and institution regardless of the number of courses being considered. The term is determined by the Start Date of the course(s).
- Eligible students must be pursuing a degree or pre-professional studies at The University of Winnipeg and be requesting permission to take courses acceptable for credit in their degree program.
- Written permission from the appropriate department chairperson is required for courses being used towards a major or honours program courses. (The department chairperson's signature must be on the LOP form or a signed official letter must accompany the LOP form.)
- The Letter of Permission or specific course(s) listed on the form will not be approved if the course(s) listed is offered at The University of Winnipeg. Students may be eligible to receive the Letter of Permission or register for the denied course(s) if they provide a valid written explanation as to why they would like to register for the course(s) at the host institution(s).
- A course description must be provided for each course requested for institutions inside Manitoba and detailed course outlines/syllabi must be submitted if courses are to be taken at institutions outside of Manitoba.
- Students may not exceed the maximum course load permitted per term as stated in the Calendar, in the Regulations and Policies section #2e. Written permission must be obtained from an Academic Advisor for a course overload.
- Students must apply to the host institution(s) as a Visiting Student. Upon approval of the Letter of Permission, one copy will be mailed to the student and the other mailed to the host institution.
- Students must notify the Student Records Office in writing by the beginning of the term if they did not register for the course(s) approved for transfer of credit. If the term has already started, students must provide the Student Records Office with either a Letter of Non-Enrolment or an official transcript to prove non-enrolment or course withdrawal.
- It is the student's responsibility to ensure that an Official Transcript listing final grades is forwarded to the Student

Records Office one month after completion of the course(s). Failure to do so will result in an "F" grade(s).
- A maximum of 30 credit hours of course work may be taken on Letters of Permission for degree credit.
- Courses taken on a Letter of Permission cannot be used to fulfill The University of Winnipeg major or degree residence requirements. Students are cautioned to check the Calendar for the residence and degree requirements.

j. Holds

Any hold(s) such as a Library or Fee Hold on a student record must be cleared before a student may register. Suitable arrangements must be made with the department/area from which the hold originated to clear a record.

k. Student Health Plans

- **UWSA Student Extended Health, Dental and Vision Plan**

- The Student Health, Dental and Vision Plan is implemented by the University of Winnipeg Students' Association (UWSA) for those students who are not already covered under their own or their parents' benefits plans.
- Most full time students (except for Theology, Graduate, and undergraduate exchange students, who are not automatically enrolled but are able to opt in) and all international students, full and part time, are included in the UWSA Health, Dental and Vision Plan, and are automatically charged for this benefit as part of their registration.
- The Student Health, Dental and Vision Plan does NOT cover doctor visits, lab costs, or hospital costs. It is a supplemental plan for items such as prescription drugs, dental work, vision benefits and ambulance service. The University and other provincial educational institutions are working on a plan for basic health insurance coverage for international students (see below).
- Full-time students (those taking 9 credit hours or more in any one term), excluding international students (who are required to be enrolled on the plan as part of their terms of study) may opt-out of the UWSA Health, Dental and Vision Plan, but they must provide proof of alternate coverage by completing the opt-out online process by the opt-out annual deadline.
- Part-time students (those taking less than 9 credit hours in any one term) may choose to join the plan by submitting an opt-change form to the Health Plan office by the opt-change deadline.
- All students can extend their UWSA health coverage to their spouse and/or dependents by submitting an opt-change form to the health plan office by the opt-change deadline.

For details, see website: http://theuwsa.ca/healthplan/

- **International Student Basic Health Insurance**

The Manitoba Government has announced that Manitoba Health will no longer cover International students and their dependents, effective September 1, 2018. The University of Winnipeg and other provincial education institutions are working on alternate insurance coverage. The University will cover the cost for grad and undergrad students who would have been covered under Manitoba Health, until April 30, 2019. This page will be updated when more information is available.

International Students: **Guard.me More health insurance plan (basic)**

This coverage is for students who are studying here for less than six months. International students not eligible for basic health coverage are required to purchase basic health coverage through The University, offered by Guard.me More. This plan provides hospital, emergency, ambulance, and private nursing. For a full listing of coverage details, please contact International Student Services or visit the international section of the University website.

International Students: **UWSA Green Shield health insurance plan (extended)**

All international students are required to purchase extended health coverage through The University of Winnipeg Student Association, offered by Green Shield. This plan covers prescription drugs, vision, dental, ambulance, and repatriation of the deceased. For a full listing of coverage details, please contact UWSA Health Plan Office or visit http://theuwsa.ca/healthplan/. This coverage is mandatory of all international students, regardless of whether they hold any other insurance coverage.

The University assumes no liability for any failure by the student to maintain adequate medical, hospital, vision or dental insurance, nor is the University responsible for any costs not covered by the student's personal insurance plan(s).

3. Classroom Regulations

The following section describes the rights and responsibilities of students with regard to attending lectures and completing course work. For information about grading and minimum performance levels, see *Grading*.

a. Attendance

Students are expected to be regular in their attendance at lectures and in the completion of work required in each course. Absence may be excused by instructors on the grounds of illness, physical disability, or challenging personal circumstances which are beyond the student's control. The instructor may require a medical certificate or other evidence if many classes are missed. Poor attendance may result in loss of term marks.

b. Course Outlines

At the beginning of each course, students will receive a course outline. The outline, approved by the Department Review Committee or equivalent, should include, but not be limited to:
- An indication of the topics to be covered;
- An indication that all topics listed on the outline may not be covered;
- An indication of equipment authorized for use in exams (e.g., calculators);
- A list of all items of work on which the grade of the class is based and indication of the weight of each individual item of work;
- Clear assessment criteria if marks will be given for participation and/or attendance;
- A clear indication of when the items of work need to be administered and/or submitted, and specific penalties, if any, for late submission of work;
- Guidelines specifying a numerical (percentage) range for letter grades assigned to individual items of work and the course final grade;
- A note that final grades will be approved by the Department Review Committee or equivalent and may be subject to change;
- The voluntary withdrawal date, without academic penalty;
- The date of the last test/examination or the last item of work such as an essay or project in the class;
- Reference to the appropriate items in sections of the Calendar dealing with Senate information on appeals, withdrawal dates, and academic misconduct such as plagiarism and cheating;
- A reading list or other indication of the amount of reading expected in the class;
- A statement indicating whether or not it is a requirement that work submitted for evaluation be either typed or text processed;

- A statement indicating whether or not students will be asked for photo-identification when writing a test or examination;
- Reference to the availability of Accessibility Services.

c. Completing Course Work

Students are expected to complete the work required in each course. Such work may include, but is not limited to, term papers, project reports, presentations, mid-term and other tests, and final examinations. In some situations, students who have not completed the required work by the end of the term may appeal for an extension or deferred exam. See *Senate Appeals.*

d. Course Withdrawal/Drop

A student may choose to drop, or withdraw voluntarily from any course, up to and including the designated voluntary withdrawal deadline for that course. (See "Course Drop Information" and "Course Withdrawal Schedule" on the website for details.) The University may withdraw a student involuntarily from a course due to unacceptable classroom behaviour or other issues. No credit is awarded for the course, and the student is not entitled to any evaluation of coursework that was not yet evaluated prior to the date of withdrawal.

e. Format of Submitted Work

Instructors may require that work submitted for evaluation be either typed or word-processed. This requirement must be stated in the course outline.

f. Identification at Tests and Examinations

Students must have ID available upon request when writing tests and examinations.

Students who are unable to present identification may complete the test or examination but must produce identification within one working day. The test or examination is not graded until identification is assured.

g. Posting of Grades

Instructors may choose to post grades for individual items of work outside their offices. When final grades are posted after the end of the course, students should be aware that such grades have not yet been approved by the department, and may be subject to change.

4. Grading

This section describes the grading system and the calculation of grade point averages (GPA). Grades obtained by students in their program of studies are governed by the following Senate regulations.

a. Final Grades

Final grades are determined by a combination of:
– the weight or value of grades on work completed during the course, as prescribed in the course outline, including the final examination grade;
– evaluation of class participation, seminar presentation, and discussion.

To receive credit, students must obtain a grade of A+, A, A-, B+, B, C+, C, D, or S (Standing). Note: A grade of "Standing" indicates successful completion of a pass/fail course, or completion of courses taken at international universities or colleges. Total credit hours earned in "Standing" courses are counted towards the degree but are not included in the GPA calculation. Students receive no credit for a failing grade (F). This grading system applies to all Undergraduate and Graduate courses.

All final grades are issued by Student Records, upon approval by Departments and Programs, on behalf of The University of Winnipeg Senate.

b. Notification of Grades

During the term, instructors must return or show evaluated term work to students with any comments and the assigned grade within a reasonable time period following the completion of an assignment.

After the term is completed, grades assigned to all term work must be available to students no later than 10 working days following the date designated for a final examination in a course. Students are responsible for getting the grades for individual assignments from the instructor or the Department when course work, including the final examination, is graded after the close of classes.

Instructors may return or keep final examinations for a period of one year. Students who have filed an appeal against the final grade have the right to see the final examination. Official final grades are made available to students through the Registrar.

c. Repeating Courses

Unless otherwise noted in the course description, a given course may be used only once for credit toward major or degree requirements.

A course may be attempted a maximum of two times if passing grades are achieved in both attempts. This maximum may be waived by the department or program at their discretion. Students may repeat any course regardless of the previous grade. Students do not have to repeat courses in which they get a failing grade unless the course is required as part of their degree program. Repetition of a course does not result in removal of the previous attempt from the student's record, though the cumulative Grade Point Average calculation may be affected.

Note: A course title and/or description may be updated from one year to the next, but if the course number stays the same, this indicates that it is essentially the same course and cannot be repeated for additional credit, unless explicitly noted in the course description. When registering, please check course numbers carefully to avoid taking the same course twice.

d. Calculating the Grade Point Average (GPA)

Final grades in each course are reported in letter grades to get the grade point average, or GPA. The following table indicates the relationship between letter grades and grade points.

Grade Point System

Subjective evaluation	Letter grade	Grade points earned		Weighted grade points	
		6 credit hours	3 credit hours	6 credit hours	3 credit hours
Excellent	A+	4.5	2.25	27	13.5
	A	4.25	2.125	25.5	12.75
	A-	4	2	24	12
Superior	B+	3.5	1.75	21	10.5
	B	3	1.5	18	9
Slightly above average	C+	2.5	1.25	15	7.5
Average	C	2	1	12	6
Marginal	D	1	0.5	6	3
Failure	F	0	0	0	0

There are two types of grade point averages (GPA), degree GPA and cumulative GPA.
Note: The University of Winnipeg does not have a standardized numerical grade conversion scale for each letter grade it awards.

e. Degree GPA (Graduation GPA)

The degree GPA is calculated on credit hours used for a degree. It is calculated by dividing the weighted grade points by the number of credit hours passed. The number of credit hours in "Standing" courses are used towards a degree but are not included in the GPA calculation. If courses have been repeated, the higher of the two grades is used.

f. Cumulative GPA

The cumulative GPA is currently calculated on all credit hours attempted. It is calculated by dividing the weighted grade points by the total number of credit hours passed and credit hours failed. The number of hours in "Standing" courses is not included in this calculation. In the case of a repeated course with passing grades on both attempts, there was a change in policy in Spring 2009. If one or both attempts were prior to Spring 2009, both grades and the number of credit hours in both courses will be included in the calculation. If both attempts were in Spring 2009 or after, only the better grade will be included in the GPA calculation. This policy on repeat attempts does NOT apply if one of the attempts is an F. In that case, both the F and the passing grade are included in the cumulative GPA calculation. All course attempts appear on the transcript.

5. Transcript of Academic Record

A student's record is confidential and as such transcripts are issued only at the request of the student. Upon written request of the student, an official transcript of the student's academic record can be produced by Student Records. All transcript requests must be accompanied by payment and a Transcript Request Form (see *Transcripts* on the website or visit Student Central). Transcripts will normally be issued within five (5) working days after the written request has been received by Student Records. However, during peak periods this process could take seven to ten (7 - 10) working days. Transcripts showing Fall Term grades are available at the end of January, Fall/Winter and Winter Term grades at the end of May, Spring Term grades at the end of July, and Summer Session grades at the end of August.

Transcripts will not be issued until all financial obligations to the University and any "Holds" which have been placed on the student's record, including Library, Admissions, and Awards and Financial Aid, have been cleared.

Students who require proof of degree completion prior to convocation can request a letter from the Convocation/Academic Program Officer in Student Records.

6. Recognition of Prior Learning (RPL)

The University of Winnipeg has established two methods to recognize for credit the prior learning a student may have achieved beyond traditional university or college courses. These two methods involve (a) challenge for credit, and (b) military service.

RPL Policies:
- Recognition of Prior Learning (RPL) for credit is only available to students who have been admitted to The University of Winnipeg's Faculties of Arts, Business and Economics, Education, Kinesiology and Applied Health, or Science.
- Credits gained through RPL cannot be used to fulfill The University of Winnipeg residence requirements.
- A maximum of 60 credit hours from the combination of RPL credits and transfer credits can be used toward a degree.
- Credits obtained through the RPL will be recorded on the student's official transcript as PLAR.

Note: Regulations and procedures for RPL in the Professional, Applied and Continuing Education (PACE) and Graduate Studies Programs may differ from those of the Faculties of Arts, Business and Economics, Education, Kinesiology and Applied Health, and Science. Please check with PACE or Graduate Studies for information

a. Prior Learning Assessment and Recognition - Challenge for Credit

Prior Learning Assessment and Recognition (PLAR) at The University of Winnipeg is a method by which students may, with appropriate evidence and documentation, be able to obtain credit toward a degree based on an assessment of their informal and non-formal learning, including non-transferable formal learning.

Procedures:
- The student must apply to and be accepted by The University of Winnipeg.
- The student reviews PLAR instructions on the Adult Learner Services website and then consults with the Coordinator of RPL in Student Services and applies for Challenge for Credit.
- Included in the Challenge for Credit Application, the student must provide a summary of prior learning and receive permission to PLAR a course for credit from the Department Chair/Instructor offering the course.
- The student will complete appropriate advising and orientation as determined by the University and the department.
- The Department Chair/Instructor will determine the appropriate mode(s) of assessment for the course(s) (e.g., portfolio, examination, demonstration, interview, presentation).
- Once the student and Department Chair/Instructor agree to proceed with PLAR, the student must complete and sign an Assessment Agreement Form in consultation with the Department Chair/Instructor and return the form to the Coordinator of RPL.
- The fee (½ the regular course tuition/registration/student life fees) must accompany the Assessment Agreement Form.
- Within the set deadline the student completes the agreed upon assessment(s).
- If the student is not successful in challenging a course, a note to this effect will be placed in the student's file but will not be entered on the student's WebAdvisor transcript or the official transcript.
- If a student is not successful in completing the assessment process, one further attempt can be made to challenge for credit after a minimum of six months, provided the student produces evidence of additional learning. The course instructor may inform the student of areas where learning is inadequate and may be able to recommend ways to acquire or demonstrate that learning.

Regulations:
- Academic credit should be awarded only for demonstrable learning, not for experience.
- The student may use a maximum of 30 credit hours of PLAR towards a degree.
- The student who is successful will receive a grade of S ("Standing") in the course rather than a letter grade.
- Credit will only be awarded for work meeting the standard expected of students who successfully complete the course with a grade of "C" or better.

- The student may only use PLAR for courses delivered by The University of Winnipeg (i.e., only courses which appear in the Course Descriptions section of this Calendar or in The University of Winnipeg Timetable).
- Students may not be considered for PLAR in a course if they have previously registered in that course or its equivalent at The University of Winnipeg or another university. Exceptions to this rule will be made for those students who have withdrawn within the first two weeks of a course.
- Challenge for Credit in the Faculty of Education: Students cannot request challenge for credit for Curriculum, Instruction and Assessment Courses or Practicum Blocks. However, students may request challenge for credit in other Education courses; please follow the previously outlined procedures and policies. For more details refer to Faculty of Education, General Information.
- Credits granted for prior learning at The University of Winnipeg may not always be transferable to or recognized by other post-secondary institutions. It is the responsibility of the learner to determine transferability or acceptance.
- For more information on PLAR, consult the website at adultlearner.uwinnipeg.ca

b. Recognition of Prior Learning for Military (RPLM) Training and Service

The University of Winnipeg welcomes and serves the needs of Canadian Regular and Reserve Forces, retired members, and veterans as they complete their degrees. Through RPLM, The University recognizes Military Training and Service.

Procedures:
- The student must apply to and be accepted by The University of Winnipeg.
- The student must complete, date, sign and submit a University of Winnipeg Recognition of Prior Learning (RPL) Military Request Form, including a Member Personnel Record's Resume (MPRR) to the Coordinator of RPL.

Regulations:
- The student may use up to 24 credit hours for Military Training and up to 6 credit hours for Service/Rank for a maximum of 30 credit hours of RPLM towards a degree.
- Credits obtained through the RPLM will be recorded on the student's official transcript as RPLM-1001 and/or 2001 and/or 3001 Military PLAR as general electives, with a grade of "S" (Standing).
- Credits granted through RPLM at The University of Winnipeg may not always be transferable to or recognized by other post-secondary institutions. It is the responsibility of the learner to determine transferability or acceptance.

- If you haven't applied for admission and would like to discuss your prior learning and educational plan first, please call 204-786-9257 to schedule an appointment with an Adult Learner Services and RPL Advisor.
- For more information on RPLM, consult the website at adultlearner.uwinnipeg.ca

7. Academic Standing and Status Evaluation

a. Grade Point Requirements for Degrees granted by the University of Winnipeg

Degree	Minimum weighted GP	Credit hrs	Minimum Cumulative GPA	Notes
BA, BBA, BPHE,or BSc 3-Year	180	90	2.0	Minimum 2.0 GPA –on U of W courses used for graduation –on Courses used for the major Only courses with D or better can be used for graduation. The 90 credit hours presented for graduation must meet all degree requirements. Students on probation may try a maximum of 120 credit hours to gain a degree. Students with Regular status and a cumulative GPA of 2.0 or better may exceed 120 credit hours in attempting to gain a degree.
BA Honours		120	3.0 2.5	Minimum 3.0 GPA –on honours subject courses, including course repeats and failures Minimum 2.5 GPA –on non-honours subject courses where Fs are not included and in the case of repeated courses, only the highest grade will be used
BSc Honours		120	3.0 2.75	Minimum 3.0 GPA –on honours subject courses, including course repeats and failures Minimum 2.75 GPA –on non-honours subject courses where Fs are not included and in the case of repeated courses, only the highest grade will be used
BA, BBA, BKin, or BSc 4-year	240	120	2.0	Minimum 2.0 GPA – on U of W courses used for graduation – on courses used for major Only courses with D or better can be used for graduation The 120 credit hours presented for graduation must meet all degree requirements.
Intregrated BEd/BA or BSc	300	150	2.0	Minimum 2.0 GPA. The 150 credit hours presented for graduation must meet all degree requirements.
Second Bachelor's degree			2.0	Minimum 2.0 GPA in courses presented for graduation Requirements for the degree being sought must be met by courses presented for graduation and relevant courses credited in the earlier degree.

b. **Awards, Bursaries, Scholarships, Prizes and Medals**

The University of Winnipeg is committed to assisting students with their direct education costs and recognizing academic excellence. We offer diverse financial assistance opportunities for every student in our community, including awards for first generation students, Aboriginal students, students with disabilities, athletes and those enrolled in particular majors or year levels. All of the scholarship and financial assistance opportunities available at the University are listed online: uwinnipeg.ca/awards

Definitions:

- **Awards** are given to students based on financial need and academic achievement.
- **Bursaries** are awarded to students who demonstrate financial need.

- **Scholarships** are awarded for academic achievement.
- **Prizes** and **Medals** are awarded for academic achievement and are normally given at convocation, upon graduation.

Most awards must be applied for, but some are automatically offered to qualifying students. Below is information on one of our automatically offered undergraduate scholarships:

Academic Proficiency Scholarship
These scholarships are awarded to all currently registered students who have achieved a cumulative grade point average of 4.00 or higher on at least 12 credit hours completed in the previous Fall/Winter and Summer sessions combined. Students will be considered for this scholarship after the completion of 30 credit hours at The University of Winnipeg. Eligible students will be rank-ordered and awards will be offered to them, beginning with those at the top of the list, until all the money in the scholarship budget has been disbursed or until the last student on the list has received an offer, whichever comes first. Graduated students who are not currently enrolled who have met the criteria will receive a transcript notation only.

Sessional GPA	12-15 credit hours	18-21 credit hours	24-27 credit hours	30+ credit hours
4	$100	$150	$200	$250
4.1	$150	$200	$250	$300
4.2	$200	$250	$300	$350
4.3	$250	$300	$350	$400
4.4	$300	$350	$400	$450
4.5	$350	$400	$450	$500

For more information on our Entrance award programs, visit the *Entrance Awards (first-year students)* webpage on the awards website.

For more information on our award programs for current students, visit the *In-Course Awards (current students)* webpage on the awards website.

Academic Accolades:
Convocation Medals
Medals are awarded at each Spring Convocation to students who achieve the highest standing in their degree program and major. To be eligible for consideration for one or more University medals at the Spring Convocation in any years, students must have completed the work required for a University degree during the period which has elapsed since the previous Spring Convocation. Students who graduate in the Fall or Winter terms are considered for medals at the next Spring Convocation. No student may be awarded two medals in the same department or two medals for overall performance in an undergraduate degree, except for a student in the Integrated B.Ed. program who is receiving two degrees simultaneously. A cumulative grade point average of at least 3.75 (B+) is required to qualify for a medal.

Deans' Honour List
This academic distinction is awarded to currently registered students who have achieved a cumulative grade point average of 3.55 or higher on at least 18 credit hours completed in the previous Fall/Winter and Summer sessions combined. Students will be considered for this distinction after the completion of 30 credit hours at The University of Winnipeg. Students with a sessional grade point average of 3.55-3.99 are recognized as a "student of distinction." Students with a sessional grade point average of 4.00+ are recognized as a "student of highest distinction."
For more information on our Convocation awards and Deans' Honour List, or for a details listing of our award programs, please see our Awards Handbook. The Awards Handbooks is available online and is located on the *Events and Resources* webpage on the awards website.

c. Minimum Performance Requirements to Remain in a Program

An evaluation of student performance is conducted at the *end of the term* in which students have completed their first 18 credit hours, and then at the end of each subsequent term to determine if students have a sufficient GPA to continue in their program.
–Students who achieve the minimum performance level are considered to be in good standing.
–Students who do not achieve the minimum performance level are placed on probation.
–Students who continue to perform unsatisfactorily are placed on academic suspension.
–To continue at the University on Regular status, students must meet the minimum grade point level shown in the Minimum Performance Table below.

–Students who accumulate more than 30 credit hours of failing grades exceed the number of course attempts allowed to get a degree, and are not allowed to continue with their studies.

To calculate minimum performance the student must have achieved a minimum GPA on the credit hours attempted according to the scale in the table below. If a grade is S (Standing), it is evaluated as a grade point of 2.0 for purposes of this calculation.

Minimum Performance Table

Credit hours attempted	Minimum GPA
18 – 30	1.4
30.01-60	1.5
60.01-90	1.6
90.1+	1.65

d. Probationary Status Students

Students are placed on probation when their end of term evaluation shows that their performance level has fallen below the minimum required. Probationary status is effective immediately.

When students are on probation, their performance level is re-evaluated after subsequent terms. At that time, to remain at the University, they must have achieved one of the following conditions:
– To regain Regular status, students must meet the performance level based on all courses attempted.
– To remain on Probationary status, students must obtain a minimum 2.0 GPA on courses attempted since the last assessment.

Failure to achieve either of these two conditions will result in academic suspension.

Students on probation cannot enrol at other universities to try to remove the probationary status, and should consult an Academic Advisor to discuss their course load, their course selection, and the effects of probation on their academic career. Students on probation may take a maximum of 9 credit hours per term.

Students in the Integrated BEd/BA or BSc program who are placed on probation are removed from the BEd portion of the program but can remain in the Arts or Science program. They can seek readmission to the BEd program as a Transfer or After-Degree applicant if they achieve Regular status and meet the admission requirements. Applicants to the BEd program must be on Regular or Mature status.

e. Mature Status Students

Mature status students are **admitted on probation**. After 24 credit hours, if they meet the minimum performance level indicated in the Minimum Performance Table, they are given Regular student status. They may be given Regular status if they meet the minimum performance level with fewer than 24 credit hours. If they do not meet the minimum performance level, they are **not allowed to continue** with their university studies. If a student is registered in the term during which notification of the impending status change is sent, the not allowed to continue status becomes effective at the end of that term, unless the student chooses to withdraw immediately.

Students on "not allowed to continue" status must re-apply for admission and must meet Regular status admission requirements. Degree credit is granted for courses previously completed at the University. In extraordinary circumstances, students may appeal for reinstatement. (See *Appeals).*

f. Academic Suspension

Probationary status students who continue to perform below the minimum performance level are placed on academic suspension. If a student is registered in the term during which notification of the impending status change is sent, the suspension or withdrawal becomes effective at the end of that term, unless the student chooses to withdraw immediately.

The first academic suspension is normally for one calendar year. A student on academic suspension cannot resume studies until the suspension period has expired. To seek reinstatement after a first suspension, the student must see an Academic Advisor after completing the Application for Continuance process.

Second and subsequent suspensions are for two years. To seek reinstatement after a second or subsequent suspension, the student must submit a request for reinstatement in writing to the Senate Appeals Committee. (See *Appeals).* Submission of an appeal does not assure reinstatement.

g. Not Allowed to Continue Status

Students who receive more than 30 credit hours of failures have exceeded the maximum number of course attempts to get a degree, and are not allowed to continue their studies. They are expected to sit out for three years and forfeit credit if they wish to return. (See *Admission and Readmission*).

If a student is registered in the term during which notification of the status change is sent, the withdrawal from the university becomes effective at the end of that term, unless the student chooses to withdraw immediately.

In extraordinary circumstances, students may appeal in writing for reinstatement to the Senate Appeals Committee. (See *Appeals*).

8. Student Discipline

a. **Academic Misconduct**

POLICY

Purpose:

In order to promote academic integrity, fairness, and an atmosphere of collegiality at the University, this Policy sets out the principles and procedures governing academic misconduct committed by students. The intent of this Policy is to ensure that students do not commit acts of academic misconduct.

Scope:

This Policy applies to all students enrolled at the University, including, but not limited to those in undergraduate certificate, diploma and/or degree programs, graduate certificate, diploma and/or degree programs; and Professional Applied Continuing Education (PACE) certificate or diploma programs.

Responsibility:

The Vice President Academic, on behalf of The Senate of the University, is responsible for the development, administration and review of this policy.

Definitions:

i) Plagiarism

Plagiarism is a form of academic dishonesty in which students present published or unpublished work (written, digital, or other) of another person or persons, or one's own prior work, in its entirety or in part, as their own original work.

While scholarship quite properly rests upon examining and referring to the thoughts and writings of others, when excerpts are used in any work submitted for evaluation, the sources must be acknowledged, using an accepted format for the discipline.

Work of another person can include, but is not limited to, essays, literary compositions and phrasing, oral presentations, performance compositions, chemical compounds, artworks, laboratory reports, research results, calculations and the results of calculations, diagrams, constructions, computer reports or software, and material derived from sources such as CD ROMS, DVDs, the Internet and/or other digital sources.

Acts of plagiarism may include, but are not limited to, one or more of the following:

- not giving recognition to the author for phrases, sentences, thoughts, code, or arguments incorporated in written work, software or other digital sources, which can take the form of incomplete footnotes, endnotes, references and/or bibliographies; not using quotation marks or referencing appropriately when quoting directly; submitting in whole or in part, someone else's work as one's own;
- not referencing appropriately when quoting indirectly, to indicate the source of the ideas and work of another;
- submitting the same work for evaluation to more than one course without the consent of each instructor to do so;
- two or more students submitting identical or virtually identical work for evaluation when the work was intended to be completed individually.

ii) Cheating

Cheating is an attempt to gain an improper advantage in an academic evaluation (e.g., examinations, tests, or assignments).

Acts of cheating may include, but are not limited to, one or more of the following:

- copying another person's answer;
- communicating with others at a test/exam with the purpose of obtaining, exchanging or imparting information being tested;

- consulting unauthorized sources to obtain assistance, including, but not limited to, written, digital and/or other aids not approved by the instructor;
- obtaining a copy of an examination or test, or examination or test questions before they are officially available;
- purchasing exams, essays or other assignments, in whole or in part, and submitting these works for evaluation as one's own.

iii) Improper Research/Academic Practices
Engaging in dishonest research practices is academic misconduct, including, but not limited to, one or more of the following:
- fabricating or falsifying investigative results and reporting those as valid;
- taking or using other people's research results without permission and/or acknowledgment;
- misrepresenting research results or methods through selective omission or manipulation of research design, data or citations;
- referring to resources known not to exist or the listing of others who have not contributed to the work;
- contravening the University's Policy and Procedures on Integrity in Research and Scholarship as that Policy relates to students.

iv) Obstruction of the Academic Activities of Another
It is academic misconduct to interfere with the scholarly/academic activities of another for malicious interference or in order to gain unfair academic advantage.

v) Impersonation
It is academic misconduct to impersonate someone or to allow oneself to be impersonated, in writing, digitally, or in person in class, in a test or examination, in connection with any type of course assignment or requirement, or in connection with any other University requirement. Both the impersonator and the person impersonated may be accused of academic misconduct.

vi) Falsification or Unauthorized Modification of an Academic Record
It is academic misconduct to falsify, fabricate, or in any other way modify an examination/test, transcript, grade, letter of recommendation, permission form, admission form, continuance form or other academic document, including, but not limited to, one or more of the following:
- making false claims or statements;
- submitting false information (e.g., false medical or other such certificate);
- altering official documents or records (e.g., transcripts);
- omitting information (e.g., failing to divulge facts about previous attendance at another postsecondary educational institution on an admissions application or continuance form).

vii) Aiding and Abetting Academic Misconduct
Knowingly aiding and abetting anyone in an act of academic misconduct shall itself be considered academic misconduct, including, but not limited to, one or more of the following:
- writing or providing an essay or other assignment in whole or in part for another student to submit as his/her own;
- offering for sale, or facilitating the sale of, exams, essays or other assignments, in whole or in part, with the awareness that these works would be submitted for evaluation;
- profiting or benefiting from the results of impersonation.

Principles:
The University has a responsibility to set standards of student conduct that promote and maintain an environment in which academic integrity is understood and valued, and serves as the basis for student learning.

The purpose of defining academic misconduct is not to be punitive but rather to encourage appropriate student conduct and, when necessary, to identify and regulate student academic misconduct that infringes on the culture of academic integrity upon which the University is built.

Students shall not commit acts of academic misconduct. Academic misconduct shall include any of the following:
-Plagiarism
-Cheating
-Improper Research/Academic Practices
-Obstruction of the Academic Activities of Another
-Impersonation
-Falsification or Unauthorized Modification of an Academic Record
-Aiding and Abetting Academic Misconduct

A student alleged to have committed an act of academic misconduct has a right to be accompanied by another person for any personal attendance before University officials and/or committees pursuant to this Policy.

Any student found to have committed an act of academic misconduct may be penalized.

The procedures for determining if a student has committed an act of academic misconduct shall be fair, and conducted in accordance with the rules of natural justice.

Review:
This policy shall be reviewed in conjunction with the Procedures review at least once every five years.

PROCEDURES:

Purpose:
To implement the Academic Misconduct Policy, the procedures outlined in this document will be followed.

Responsibility:
The Vice President Academic, on behalf of The Senate of the University, is responsible for the development, administration and review of these procedures.

Definitions:
- The terms "head" and "chair" refer to the person responsible for the management and administration of a program and/or department.
-Time Period: In these Procedures, days are specified as either calendar or working days. In either event, calculation of days does not include days on which the University is: closed for statutory holidays or closed due to flooding, power outages, security threats, or other such extraordinary occurrences, or otherwise shown as closed in the University Academic Calendar, in which case the calculation of the number of days will be extended by the number of days the university was closed.
-Additionally, all Definitions in the Academic Misconduct Policy are incorporated into these Procedures and shall apply as fully as if they had been set out verbatim herein.

Principles:
1. A student alleged to have committed an act of academic misconduct has a right to be accompanied by another person for any personal attendance before University officials and/or committees pursuant to this Policy. The accompanying person may provide support by supplementing the student's presentation to:
-raise specifics of the case as previously discussed between that person and the student;
-raise procedural matters if correct procedures have not been followed;

-assist in overcoming barriers the student may be experiencing including language comprehension issues or discomfort presenting;
-deliver a closing statement.

2. Every effort shall be made to ensure that confidentiality is maintained by the University at every point in the process up to the final determination. Additionally, every effort will be made to ensure that anonymity shall be maintained in all case summaries and reporting except that the University shall be free to report or disclose a finding of academic misconduct on any official University records including a transcript or in response to a question by other academic institutions.

3. No person who was previously involved with the consideration of allegations of academic misconduct may be involved as a voting committee member in later stages related to that same incident.

4. At the onset of any level of the process, a student alleged to have committed an act of academic misconduct shall be notified that he/she may raise an objection concerning conflict of interest or bias at the outset. If the student fails to do so, he/she is deemed to have waived any objection.

5. Where an objection concerning conflict of interest or bias has been raised, the student may appeal a dismissal of a conflict or bias objection to the Senate Academic Misconduct Committee, which shall determine if the conflict or bias objection has merit, and, if so, the entire process shall be repeated, so as to remedy the conflict or bias.

6. Archival files pertaining to academic misconduct shall be maintained by the Dean/Associate Dean who is Chair of the Senate Academic Misconduct Committee.

Process:
The stages of an academic misconduct allegation are as follows:

LEVEL I: Instructor level - where allegation occurs within a course or where an allegation arises in respect of conduct other than within a course.

1. Allegations arising within a course:
Where circumstances indicate academic misconduct may have occurred within a course, within 2 working days of suspecting academic misconduct has occurred, the Instructor shall notify the student via their official University of Winnipeg student email address about their concern of academic misconduct. The student will be given an opportunity to meet with the Instructor within 5 working days of that notification. Within the following 5 working days, the Instructor shall either grade the materials or commence the Academic Misconduct Procedures by informing the person responsible (Department Chair, Coordinator, Department Review Committee (DRC), or Academic Review Committee (ARC) Chair) for that faculty, department or division, in the form of a written report, which shall, at a minimum, include the following:
a) the date on which the alleged misconduct occurred;
b) a statement and detailed description of the alleged misconduct;
c) any documentary or other evidence that supports the allegation of misconduct;
d) a record of any communication with student(s) involved in the alleged misconduct.

Grading guidelines for Instructors:
The Instructor, or other person responsible for student academic matters, shall not assess a penalty for an alleged act of academic misconduct, for example, by giving a failing grade for a course solely on the basis of alleged academic misconduct occurring in the completion of a discrete element of the course (e.g., presentation, essay, test, examination of a course's requirements). If evidence of academic misconduct is discovered, the Instructor, after initiating the Procedures under this Policy, shall delay grading the item in question, pending the outcome of the Academic Misconduct Procedures, and inform the student of the reason for the delay.

Where academic misconduct is suspected during an exam, the Instructor shall:
-not suspend the exam process;
-not suspend the exam for the student or the student(s) concerned;
-allow the student(s) to continue to completion;
-collect all available allegedly offending materials at the time they are discovered or otherwise record the circumstances including by electronic or photographic means; note concerns on the submitted exam, including refusal on the part of the student to cooperate;
-at the time exam is received communicate the concern to the student(s) and notify the student(s) they will be invited to meet with the Instructor within 5 working days.

If a course has ended in which academic misconduct has been alleged, and final grades must be submitted, the Instructor shall submit final grades for the course, without entering a grade for the student in question, and notify Student Records, with a copy to the faculty, department or divisional designate (for example, DRC/ARC Chair, Department Chair, or Director), that this grade is pending and will be submitted upon completion of the Academic Misconduct Procedures.

2. Allegations arising other than within a course:
If allegations of academic misconduct arise other than within a course (e.g., transcript forgery, false documentation), the head shall provide a written report of the allegations, directly to the Chair of the Academic Misconduct Committee, including the same information required from an Instructor as outlined previously. The Chair shall give written notice of the allegations to the student and refer, in writing, the reported allegations to the Senate Academic Misconduct Committee.

LEVEL II: The Faculty, Department or Division
Within 2 working days of receiving the Instructor's report under Level I, the person responsible (Department Chair, Coordinator, Department Review Committee (DRC) or the Chair of the Academic Review Committee (ARC) for that faculty, department or division, in the form of a written report, shall notify the student in writing via their official University of Winnipeg student email address and by certified letter of the allegation of misconduct. Such notice shall include the Instructor's written report of the alleged misconduct and notification of the student's opportunity to be heard, in writing and in person, within 10 calendar days of receiving the notice. The Instructor and the Chair of the Senate Academic Misconduct Committee shall be provided with a copy of the notice sent to the student.

At the expiry of:
a) 10 calendar days (if no representation in writing is received or the student has not appeared in person to be heard) or
b) 5 working days after receiving the student's representation in writing or the student having appeared in person the faculty, department or divisional designate as may be appropriate shall:

i) review all available and relevant information and documents (which may include meeting with the student),

ii) make a recommendation to the Senate Academic Misconduct Committee as to whether or not an act of academic misconduct has been committed, and recommend an appropriate penalty.

The student and the Instructor will not be informed of this recommendation at this point of the process.

Within 2 working days of making its recommendation, the faculty, department, or divisional designate shall forward the complete record of the process to the Chair of the Senate Academic Misconduct Committee, which record shall include the following documents:

-a report of the process to that point, and reasons for recommendation, and the recommended penalty, if applicable;
- the Instructor's file;
-a record of any communication with and by the student in question;
-any further relevant materials, including course outline and any departmental policy regarding academic misconduct.

LEVEL III: The Senate Academic Misconduct Committee
The Chair of the Senate Academic Misconduct Committee upon receipt of the written report of the faculty, department or divisional designate, or upon receipt of allegations of misconduct arising other than within a course, shall notify the student in writing of:
-the recommendation of Level II and of his/her right to appeal the recommendation, or
-where allegations of misconduct arising other than within a course have been received, the student's right to respond to the allegations.
The student shall have 10 calendar days from receipt of such notice to appeal the recommendation or respond to the allegations by making a submission in writing and/ or to have submitted a request in writing to appear before the Committee. Any such submission by a student must be received within the 10 calendar day period.

Committee Process
Within 10 calendar days of receiving the notice of recommendation from the Level II committee, the student can:
-make a written submission to the Committee,
-request to appear before the Committee,
- offer no response.
Once these ten days have passed, the Committee shall reject, confirm, or modify the recommendation of Level II.

Where the student has made a timely request in writing for an appearance before the Committee, an appearance and hearing shall be scheduled. The Committee shall have access to all relevant materials. The record at Level III shall include the following:
-all materials forwarded from Levels I and II;
-any new information relevant to the case and not presented at Level I or II;
-all Committee communications;
-the notes of all Committee meetings.

Notification of Decision
After meeting, the Committee will make a decision within 2 working days and inform the student and the Instructor through the DRC/ARC, in writing of its decision and its reasons.

Appeals
The student has the right to appeal the ruling of the Senate Academic Misconduct Committee to the Senate Academic Misconduct Appeals Committee. The Senate Academic Misconduct Appeals Committee will make a decision within 10 calendar days and that decision shall be final. In such cases, the Senate Academic Misconduct Appeals Committee shall grant or deny the appeal, based on the record at Level III.

LEVEL IV: The Senate Academic Misconduct Appeals Committee
A student may appeal a finding of academic misconduct and/or a disciplinary penalty to the Senate Academic Misconduct Appeals Committee. The student must file an appeal in writing with the Chair of the Academic Misconduct Appeals Committee within 10 calendar days of receipt of notice of the Level III decision. The appeal must state specifically:
- the decision being appealed;
-the reasons for the appeal;
-the general nature of any new evidence, if any;
-the remedy being sought.

Upon timely receipt of a written appeal by a student found to have committed academic misconduct, the Senate Academic Misconduct Appeals Committee will, within 2 working days, notify the Instructor and the appropriate person or committee or the faculty, department or division (for example, the DRC/ARC) of the appeal.

Notification of Decision
Upon receipt of the written appeal, the Chair of the Senate Academic Misconduct Appeals Committee will notify the student in writing of his/her right to present further relevant information in writing to the Senate Academic Misconduct Appeals Committee, of his/her right to appear in person before the Committee, and of his/her right to be accompanied by another person during such an appearance before the Committee.

The student has 10 calendar days from receipt of such notice to present further relevant information and/or request a hearing.

Committee Process
After the 10 calendar days have elapsed, the Senate Academic Misconduct Appeals Committee will meet. The Senate Academic Misconduct Appeals Committee will determine its own procedures and may receive information from the student and other relevant persons in a manner they deem appropriate. The Senate Academic Misconduct Appeals Committee may request an interview with the student and/or with anyone who has information relevant to the matter.

In cases where the Committee receives a written request from a student for a hearing, the Committee shall schedule a hearing. At such a hearing, the student may be accompanied by another person.

In cases where the student does not request a hearing, the Committee may decide the matter based on the written material and other available evidence and information.

The Senate Academic Misconduct Appeals Committee will have access to all relevant material:
-all material forwarded from levels I, II and III;
-a summary report of the case, decisions and reasons for them;
-all Senate Academic Misconduct Appeals Committee communications, written or transcribed from an oral interview;
-the minutes of all relevant Senate Academic Misconduct Appeals Committee meetings;
-any new information relevant to the case and not presented at Level I, II or III;

-the confidential Dean's Office file relevant to the case;
-a summary report of the case, decisions and reasons for the recommendation.

After considering available and relevant information and evidence, the Senate Academic Misconduct Appeals Committee may:
-uphold a finding of academic misconduct;
-revise a finding of academic misconduct;
-confirm a penalty;
-assess a different penalty; or
-dismiss the finding of academic misconduct.

Notification of Decision
The Senate Academic Misconduct Appeals Committee shall, within 2 working days, provide written notice to the student and the Instructor through the appropriate DRC/ARC, as well as the Senate Academic Misconduct Committee of its decision and its reasons.

Academic Misconduct Files
Level I: There is no permanent file kept. All documents are submitted to Level II.

Level II: There is no permanent file kept. All documents are submitted to Level III.

Level III: After resolution by the Senate Academic Misconduct Committee, a confidential file of each case is kept for a period of no longer than two years in the office of the Dean who is Chair of the Committee.

This file contains the following information:
-all material forwarded from Levels I and II;
-a summary report of the case, processes used in level III, decisions and reasons for them;
-all Senate Academic Misconduct Committee communications concerning the case;
-any new information relevant to the case and not presented at Level I, II or III;
-a summary report of the case, decisions and reasons for the recommendation;
-meeting notes of the meetings of the Committee.

Level IV: The official archival files containing the confidential records of all academic misconduct cases are kept in the Office of the Dean who is Chair of the Senate Academic Misconduct Committee for no more than two years after resolution.

A confidential archival file recording all cases occurring during an academic year is kept for no longer than seven years.
This file contains the following information:
-the index of names, dates and kinds of misconduct
-penalties, and dismissals of all misconduct cases;
-a summary of each misconduct case.

When academic misconduct has been found NOT to have occurred:
-the actual records of the case will be destroyed;
-case summaries may be kept for the seven-year period.

Case Summaries
The summary of each case will include a brief outline of the case, any disciplinary action taken, and the reasons for the action. In all cases, the summary will be written in such a way as to ensure complete confidentiality and anonymity for the student.

Access to Archival Discipline Files
Only the Academic Misconduct Committee and the Vice-President Academic have the right to access the archival files and only on a need-to-know basis.

Student Records and Notations of Disciplinary Action
The Chair of the Academic Misconduct Committee will notify the Records Office of all disciplinary actions taken; this includes penalties assessed, subsequent appeals and the appeals outcomes. If the penalty involves suspension or expulsion from the University, the Chair of Academic Misconduct Committee will inform the Records Office of the need for this to appear on the student's record, how long it should remain on the record, and the conditions for removing it from the record.

The Records Office may be asked by the Chair of Academic Misconduct Committee to withhold the issuance of transcripts or statement of grades for the student disciplined pending the expiry of the appeal or exhaustion of the appeal process.

The student's official file in the Records Office should only contain the final decisions of penalty should the student be found guilty of academic misconduct. Where the student has been found guilty, this record will be removed upon the student's graduation. In a case where the final decision is a finding that no academic misconduct occurred, thus overturning a previous penalty, all material pertaining to the case will be destroyed.

Notations on Student History/Record
If the penalty is a lowered or failing grade for a specific item of work or for a course in its entirety, there is no notation placed on the student history and transcript. The history and transcript will reflect the grade as though it were an earned grade.

If the penalty is suspension from the University, a notation is placed both on the Student History and the official transcript. The notation is removed two years after termination of suspension.

If the penalty is expulsion from the University, the notation remains permanently on both the Student History and the official transcript. This notation may only be removed upon successful petition to The Senate Academic Misconduct Appeals Committee.

Academic Misconduct and the University Community

Evaluation and Annual Report to the University Community
An annual report will be presented to Senate by the Chair of the Academic Misconduct Committee. The report will be presented in such a way as to maintain confidentiality and anonymity. It will chronicle the number of cases, the faculties, departments, divisions, and units and, where feasible, the courses in which they occurred, the types of misconduct, and the kinds of penalties assessed. This report will be based on information received from levels II, III, and IV. This report will also be published so that members of the University community shall be kept informed of the nature and disposition of cases dealt with under this Policy. In addition, should the evaluation reveal a pattern of academic misconduct that is identifiable with respect to the factors evaluated, the Senate Academic Misconduct Committee may recommend to Senate changes in policy, preventative actions and/or any matters, as appropriate.

Responsibility of Members of the Academic Community
All members of the University community have the responsibility to ensure that students are familiar with

generally accepted standards and requirements of academic honesty.
However, ignorance of these standards will not preclude the imposition of penalties for academic misconduct.

Review:
These procedures shall be reviewed in conjunction with the Policy review at least once every five years.

b. Non-Academic Misconduct

Note: This policy is currently under review and subject to change.

In order to accomplish its stated mission, the University must be a community in which there is freedom to learn, to teach, to create and to engage in research without fear of retaliation or intimidation and without threat to person or property. Students have a responsibility to act in a fair and reasonable manner in their interactions with their peers, faculty, staff and administration and in their use of campus property. The intent of this policy is to encourage appropriate student conduct and to identify and regulate student non-academic misconduct which infringes on the above mentioned freedoms and thereby jeopardizes the essential values of our academic community: mutual respect, dignity and civility.

In general, within the University's precincts, students should conduct themselves, individually and collectively, in ways that are consistent with the University's commitment to academic excellence, intellectual freedom, cultural diversity, individual achievement and personal dignity. The University is, above all, a community of scholars engaged in teaching, research and learning. Conduct which promotes an environment appropriate to these pursuits is desirable. Any conduct that detracts from the maintenance of such an environment is undesirable. This includes not only threatening, abusive, disruptive or violent behaviour that directly and immediately affects the health, safety, security or freedom of others, but also patterns of behaviour which, over time, cumulatively cause others to experience a perceived threat to their academic or social environment, or to their personal well-being.

This policy is rooted in the concept of collegiality. It not only requires students to conduct themselves in a manner befitting an academy of scholars, but as well to take individual and collective responsibility for sustaining an acceptable academic milieu by responding appropriately to non-academic misconduct on the part of others.

For more information on this policy, contact the Registrar at 204-786-9337.

9. Senate Appeals

a. Information

Students who wish to initiate an appeal must meet with an Academic Advisor. They will discuss the situation with you, give you information on the appeal procedures and initiate the necessary paperwork appropriate to the appeal. Students have the right to appeal. Decisions are made by the appropriate body and are based on the information and supporting documentation provided in writing by the student.

All appeals will require students to provide a statement, supporting documentation if applicable, and feedback from the professor if applicable. The Academic Advisor will help prepare the case and present it to the Senate Appeals Sub-committee on the student's behalf.

This section outlines the procedures established to deal with the types of appeals indicated. For further information please see:
http://uwinnipeg.ca/academic-advising/appeals.html.

b. Admission

Applicants who wish to be admitted to the University without satisfying normal admission criteria may submit an Admission Appeal by contacting an Admissions Officer. This appeal will be heard by the Senate Appeals Committee.

c. Credit and Audit Status in Courses

Students who wish to change their status in a course from credit to audit or from audit to credit after the course change period has passed must submit a written appeal to the Senate Appeals Committee giving the reasons the change is being requested and written approval for the change from both the instructor of the course and the chair of the department.

There is a fee adjustment for the late change from audit to credit. There is no fee adjustment for the late change from credit to audit.

d. Deferred Exams and Incomplete Term Work

A student may appeal for incomplete term work (or final test) or a deferred final exam when medical, compassionate or other circumstances beyond the student's control create situations in which it is impossible, or causes undue hardship, for the student to write the final test or exam as scheduled, or to complete an item of work by the end of the evaluation period of the course.

Procedures

Students must first consult the instructor of the course. Students who cannot write a final exam as scheduled are expected to contact their instructor immediately on (or before) the day of the exam. Departmental policy may permit the instructor to reschedule an exam or final test, or to accept late term work if the proposed completion date falls before the limit for that term. Students must then meet with an Academic Advisor to obtain an appeal form and the completed appeal form, with the student's statement and instructor comments, is returned to Academic Advising no later than the deadline for submission of grades in the course

If departmental policy does not permit this resolution, or the instructor denies the request, or the work cannot be completed within the time limit for the term, or the deadline for submission of grades has passed, the student must appeal to the Senate Appeals Committee by obtaining an appeal form from Academic Advising.

Deadlines to Appeal

For a deferred exam, students must contact their instructor immediately, and must normally contact an Academic Advisor no later than five working days after the scheduled examination date.

For incomplete term work, students must normally contact an Academic Advisor no later than the end of the evaluation period.

Deadlines for Completing Work or Exams

Examinations deferred by the Senate Appeals Committee will normally be scheduled during a special examination period.

Incomplete term work must be submitted within a time period determined by the department or the instructor, or by the Senate Appeals Committee in consultation with the instructor (see below).

Term	Exam or Final Test by	Term Work by
Courses ending in December	February 15	April 1
Courses ending in April	June 15	August 1
Courses in Spring Term	September 15	October 1

e. Retroactive Withdrawal

Students who stop attending courses without following formal withdrawal procedures by the announced deadline for withdrawal will receive failing grades for those courses. Students may appeal to the Senate Appeals Committee for a retroactive withdrawal, on the basis of medical, compassionate or other reasons beyond their control. Students must contact an Academic Advisor to discuss the appeal.

Deadline to Appeal

Normally, the deadline to appeal is the end of the evaluation period for the term in which the course was taken. (Appeals **may** be considered for up to one calendar year after the end of the course at the discretion of the Senate Appeals Committee, if circumstances warrant.)

f. Readmission

A student whose status has changed to "Academic Suspension" or "Not Allowed to Continue" may appeal the ruling in writing to the Senate Appeals Committee through an Academic Advisor.

Waiver of One Year Academic Suspension

Students who are academically suspended for the first time are not permitted to register for one calendar year. If students feel they have grounds to return to the University before the suspension has been served, they must see an Academic Advisor to discuss the appeal.

Readmission after a Second Academic Suspension

Students who are academically suspended for a second or subsequent time are not permitted to register at the University for two full calendar years. Students must appeal for reinstatement if they wish to return after the two years, or if they feel they have grounds to be allowed to return before the two years. Such an appeal must normally include evidence of success in an academic program completed since the suspension. Students must see an Academic Advisor to discuss the appeal.

Readmission after being "Not Allowed to Continue"

Students who receive more than 30 credit hours of failures have exceeded the maximum number of course attempts to get a degree, and are not allowed to continue their studies. They are expected to sit out for three years and have the option to forfeit credit when they wish to return. (See *Admission and Readmission*). In extraordinary circumstances, they may appeal for reinstatement prior to the completion of the 3 year period. Such an appeal must normally include evidence of success in an academic program completed since the student was not allowed to continue. Students must see an Academic Advisor to discuss the appeal.

Readmission after being "Not Allowed to Continue" as a Mature Status Student

Students on Mature Status are not allowed to continue their studies at the University if they do not meet the Minimum Performance Standard upon completion of 24 credit hours. They must complete Regular Status admission requirements in order to be readmitted. (Note: The status on readmission will normally be Probation based on university academic performance to date.) In extraordinary circumstances, students may appeal to be readmitted without having completed Regular Status admission requirements. Such an appeal must normally include evidence of success in an academic program completed since the student was "not allowed to continue".

g. Waiver of Graduation Requirements

Students may appeal for a waiver of specific requirements in a degree program if there are compelling extenuating circumstances. Students should consult the Convocation/Academic Program Officer regarding this type of appeal.

h. Further Appeal

A student who has reason to believe that all pertinent information was not available when the written appeal was first considered may re-appeal or request an In-Person Appeal from the Chair of the Senate Appeals Committee.

10. Grade Appeals

a. Grades on an Individual Item of Work

An individual item of work includes any single piece of work in a class, including the final test or examination. Appeals of grades on individual items of work are heard by the Departmental Review Committee (DRC), which rules on appeals made to the Department. Normally the Department is the highest body of appeal against grades on individual items of work.

Grounds for an Appeal

To make an appeal, a student must have cause to believe that a grade assigned on an individual item of work was unjust.

Procedures

The student should first discuss the matter with the instructor. If, after discussion with the instructor, the student has reason to believe an injustice has been done, the student may then write an appeal to the Chair of the Departmental Review Committee. Students are encouraged to meet with an Academic Advisor before they write the appeal.

For individual items of term work graded during classes, students must discuss the matter with the instructor within seven working days after notification of the grade. The written appeal to the Chair of the DRC must be submitted within two working days after the discussion with the instructor.

For final items of term work graded after the end of classes, or for final term tests or examinations, students must have submitted their written appeal to the Chair of the DRC within six weeks after the last day of exams for the term in which the course is offered.

All appeals submitted to the Chair of the Departmental Review Committee should include:

– a copy of the work which is the subject of the appeal;
– grounds for the appeal;
– a summary of the conversation with the instructor.

Students should expect that the disputed grade will be reviewed in a context other than the one that generated the original grade. Either the Departmental Review Committee or the Department Chair notifies the student in writing of the result of the appeal. The instructor will be fully informed of the student's submission.

b. Final Grades

The final grade is the official final grade that appears on the student's statement of marks from the Registrar. Appeals of final grades are heard by the Departmental Review Committee, which rules on appeals made to the Department. Normally the Department is the highest body of appeal against final grades.

Grounds for Appeal

There are only three grounds for appeal against a final grade.

- The assessment of the final grade was made without considering all individual items of work completed and submitted.
- The final grade does not appear to correspond to the grades awarded to the individual items of course work, indicating an error in calculation in developing the final grade.
- The overall assessment of the final grade is demonstrably unjust.

A processing fee is charged. It is refunded if the appeal is successful. (See *Fees* on the University website).

Procedures

Students have up to six weeks after the official notification of final grades from the Registrar to submit an appeal. Students are encouraged to meet with an Academic Advisor before they write the appeal.

The appeal should include:

– a copy of all course work which is the subject of the appeal;
– grounds for the appeal;
– any other relevant documentation.

The written appeal is submitted to Academic Advising who sends the appeal to the Department Review Committee. The Student Records Office notifies the student in writing of the result of the appeal. The instructor is fully informed of the appeal.

Further Appeal

A student who has reason to believe and can demonstrate that the Department Review Committee did not give the appeal a fair hearing may appeal the Committee's decision on procedural grounds in writing to the Senate Appeals Committee through Academic Advising. The appeal to the Senate Appeals Committee should be submitted no later than 30 days after notification has been received from the DRC. The appeal to the Senate Appeals Committee should be submitted no later than 30 days after notification has been received from the DRC.

11. University Policies

The University has a number of policies in place that are of importance to all members of the University community. The following policies are of particular importance to students:

a. Respectful Working and Learning Environment Policy & Procedures

Freedom from discrimination and harassment are fundamental rights of all members of the University community. The University of Winnipeg prohibits any form of discrimination or harassment in conjunction with University-related activities, whether on or off campus.

For more information on this policy, please contact the Human Rights and Diversity Officer at (204) 988-7508 or visit the website:
https://www.uwinnipeg.ca/respect/respect-policy.html

b. Service Animals on Campus Policy & Procedures

In compliance with The Accessibility for Manitobans Act, this policy details the rights and responsibilities in regard to persons with disabilities who require the assistance of a service animal while working, studying and/or visiting the campus.

For more information on this policy, please contact the Human Rights and Diversity Officer at (204) 988-7508 or visit the University's website:

https://www.uwinnipeg.ca/institutional-analysis/docs/policies/service-animals-policy.pdf

https://www.uwinnipeg.ca/institutional-analysis/docs/Procedures/service-animals-on-campus-procedures.pdf

c. Responsible Conduct of Research and Scholarship Policy

The purpose of this policy is to promote and advance a high standard of integrity in research and scholarship. This policy has been established to address public concerns about responsibility and accountability in research and scholarship. It outlines procedures for promoting integrity among researchers and scholars and for investigating allegations of misconduct in research and scholarship. The policy applies to all members of the University community.

Copies of the policy are available through the Office of the Vice-President, Research and Innovation, and can also be found on the University's website at:
http://uwinnipeg.ca/research/funding.html.

d. Policies on Research and Experimental Ethics

These documents contain University policies regarding the ethical conduct of research, experimentation and teaching exercises. Research or teaching exercises involving human participants or vertebrate animals cannot be undertaken by faculty, staff or students without the approval of the appropriate University committee or committees.

These policies are available through the Office of the Vice-President, Research and Innovation, and can also be found on the University's website at:
http://uwinnipeg.ca/research/research-ethics.html.

e. Library Policies

The following Library policies should be noted:

Interlibrary Loan Policy:

The purpose of this policy is to allow faculty, staff, and students of the University of Winnipeg to request materials from other institutions, and to make the Library's materials available to requesters from other institutions. The University of Winnipeg Library participates in several provincial, regional and national resource sharing agreements that extend users' access to materials held by other libraries.

The Library Acceptable Computing Use Policy:

The purpose of this policy is to create and maintain a respectful environment in the Library for its users when making use of its public computing facilities, networks and electronic resources. The University of Winnipeg *Acceptable Use of Information Technology Policy* provides a basis for this policy, which is intended to outline (and distinguish between) appropriate and inappropriate computer use within the Library. In addition, all users of public computers in the Library must abide by applicable University and Library policies, including, but not limited to, the University's Respectful Working and Learning Environment Policy, the Library's Facilities Use Policy, and the Library's Accessibility Policy.

Copyright and Fair Dealing Policy:

The University of Winnipeg and its Library follow the *Copyright Act*, Supreme Court of Canada decisions on copyright, and the University's Fair Dealing copyright guidelines. The Library's Copyright Office provides copyright information via its website, answers questions related to copyright and obtains copyright clearances or permissions when required. Please see http://copyright.uwinnipeg.ca/

The Facilities Use Policy:

The purpose of this policy is to create and maintain a respectful environment in Library facilities for its users and the campus community, and applies to all UW faculty, staff, students, alumni and members of the public who physically

come in to the library to make use of its facilities or to borrow library materials. It outlines appropriate personal and interpersonal behavior related to food, drink and noise.

Borrowing and Fine Policies:
The purpose of this policy is to establish service and user responsibility guidelines for the temporary exclusive personal use of library materials and applies to all faculty, students, staff, alumni and Special Borrowers when they sign out library materials on their account. Fines are intended primarily as a deterrent to late or non-return of material in order to maintain the availability of resources to all members of the University community. Please see:
http://library.uwinnipeg.ca/about-us/loan-periods-and-fines

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f. Acceptable Use of Information Technology Policy
The purpose of this policy is to clearly establish rules and regulations outlining the usage of computers, computing and network resources and the facilities in which they reside at The University of Winnipeg. This policy pertains to all employees, students and authorized external parties (the "University community") who have been granted access to use the University of Winnipeg computer and networking facilities and resources.
The policy may be found at:
https://www.uwinnipeg.ca/institutional-analysis/docs/policies/acceptable-use-of-information-technology-policy.pdf

12. Graduation

Convocations are held three times yearly, in the Spring, Winter and Fall. The Spring and Fall Convocations have ceremonies and the Winter Convocation degrees will be conferred In Absentia (no ceremony). Students must apply for graduation by February 1 for Spring Convocation, by August 1 for Fall Convocation and by November 1 for Winter Convocation. Those graduating at the Winter Convocation may attend the Spring Convocation ceremony.

a. Application to Graduate
Students who complete the requirements for one of the University's degrees through the April series of examinations, and have applied for graduation by the preceding February 1, shall be admitted to the appropriate degree at that year's Spring Convocation. Students who complete the requirements for one of the University's degrees through the Spring Term series of examinations, and have applied for graduation by the preceding August 1, shall be admitted to the appropriate degree at that year's Fall Convocation. Students who complete the requirements for one of the University's degrees through the December series of examinations, and have applied for graduation by the preceding November 1, shall be admitted to the appropriate degree at the following year's Winter Convocation.

Applications for graduation are made online through students' WebAdvisor accounts.
Further details regarding the convocation ceremony will be forwarded by the Student Records Office to graduands who have been approved by the Senate of the University. Information about graduation may be obtained from the website, Student Central or the Convocation/Academic Program Officer.

b. Academic Dress
The correct dress for graduates of the University is described below.

Bachelors and Masters
- a mortarboard of black material with a black tassel
- a gown of black material and the appropriate shape specified by the North American Intercollegiate Code
- a hood of the colour and shape specified by the North American Intercollegiate Code

Honorary Doctors
- a round brimmed cap of red velvet
- a gown of red material and of the appropriate shape specified by the North American Intercollegiate Code
- a hood of the full Cambridge shape in white material, lined in the University colours showing a white chevron on a red field

Note: A fee is charged for academic dress rental. (See *Fee Information* on the website). The fee amount and other details will be included in the information sent to the graduand approximately six weeks prior to the Convocation.

Up-to-date information on
- **Registration**
- **Fees**
- **Awards and Financial Aid**

can be found in the "Student" section of the University's website at www.uwinnipeg.ca

DEGREE AND MAJOR REQUIREMENTS

Updated May 1, 2018

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2. General Degree Requirements
- a. The Writing Requirement
- b. The Humanities Requirement
- c. The Science Requirement
- d. The 4-Year BA, BBA and BKin Social Science Requirement
- e. The Indigenous Course Requirement
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3. The Major
- a. Major Regulations
- b. Types of Majors
  - Single Major
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- c. Majors Leading to Bachelor's Degrees
  - Bachelor of Arts Majors
  - Bachelor of Science Majors
  - Bachelor of Business Administration Major
  - Bachelor of Physical and Health Education
  - Bachelor of Kinesiology

For Bachelor of Education Majors, see the "Education" section of this Academic Calendar.

4. The Minor

5. Bachelor of Arts Degree Requirements
- a. 3-Year Bachelor of Arts
- b. 4-Year Bachelor of Arts
- c. Bachelor of Arts Honours
- d. 4-Year Bachelor of Arts Joint Degree/Diploma in Communications – UW/RRC

6. Bachelor of Science Degree Requirements
- a. 3-Year Bachelor of Science
- b. 4-Year Bachelor of Science
- c. Bachelor of Science Honours
- d. 4-Year Bachelor of Science Applied – UW/RRC

7. Bachelor of Business Administration Degree Requirements
- a. 3-Year Bachelor of Business Administration
- b. 4-Year Bachelor of Business Administration

8. Bachelor of Education Degree Requirements
See the "Education" section of this Academic Calendar.

9. Bachelor of Physical and Health Education Requirements
See the "Kinesiology and Applied Health" section of this Academic Calendar

10. Bachelor of Kinesiology Requirements
See the "Kinesiology and Applied Health" section of this Academic Calendar

11. Second Bachelor Degree Requirements
- a. University of Winnipeg Students Seeking a Degree in Two of the Following Faculties: Arts, Kinesiology, Science and Business and Economics
- b. Graduates of Other Institutions Seeking a Second Degree in Arts, Kinesiology, Science, or Business and Administration

For second degrees in Education, see the "Education" section of this Academic Calendar.

1. Information and Advice

All University of Winnipeg degrees have general, major and course requirements which reflect the University's commitment to a liberal arts and science education. Students are required to develop depth of knowledge in one or more subject areas by fulfilling Major or Honours requirements; to develop breadth of knowledge by fulfilling Humanities, Science, Social ScienceDistribution, and Indigenous Course requirements; and to develop their writing skills by fulfilling a Writing Requirement.

While it is a student's responsibility to ensure that degree requirements are met, advising to interpret regulations, to plan programs, and to monitor progress is available from Academic Advisors. Advising for major subject requirements is provided by the department (program) offering the chosen major. Students are encouraged to develop a plan and monitor their own progress in the on-line Student Planning module.

2. General Degree Requirements

The University general degree requirements provide students with the opportunity to gain the breadth of knowledge and skills consistent with a liberal education.

a. The Writing Requirement

All students must fulfil the University Writing Requirement by course work or exemption prior to enroling in their 42nd credit hour by taking an Academic Writing course at the 1000 level, either three credit hours from RHET-1101(3), RHET-1102(3), RHET-1103(3), RHET-1104(3), RHET-1105(3), and RHET-1106(3), or six credit hours from RHET-1110(6) and RHET-1115(6). Students eligible to take a 3 credit hour course may register in a 6 credit hour course instead. For course descriptions of Academic Writing courses, please see the "Department of Rhetoric, Writing, and Communications" section of this Calendar.

Placement Criteria:

All students entering directly from high school, except for those exempt from the University Writing Requirement, are required to take Academic Writing before they complete their 42nd credit hour and preferably in their first year.

Students who are exempt from the University Writing requirement:
- students receiving 80% or more average in English 40S (2 credits)

- students receiving 5 or more in IB English
- students receiving 4 or more in AP English Lit/Comp or Lang/Comp
- students who have successfully completed 24 or more hours of transfer credit
- students receiving 5.0 on the writing component of the CanTEST or TWE or 7.0 or more on IELTS writing
- students in the After-Degree BEd Program
- students in master's-level programs
- students whose first registration at The University of Winnipeg was prior to September 1989.

Students who are required to take 3 credit hours of 1000-level Academic Writing:
- students receiving 60% or more but less than 80% average in English 40 (2 credits)
- students receiving 60% or more in English 40 (1 credit)
- students receiving 4.0 or 4.5 on the writing component of the CanTEST or TWE or 6.0 or 6.5 on IELTS writing.

Students eligible to take a 3 credit hour course may register in a 6 credit hour course instead.

Unless prescribed in a specific program, the following students are not required to meet their Academic Writing requirement with RHET-1110(6) or RHET-1115(6), but are encouraged to do so rather than with the 3 credit hour options:
- students receiving less than 60% in English 40 (2 credits) or English 40 (1 credit)
- students receiving 3.5 on the writing component of the CanTEST or TWE or 5.5 on IELTS writing

Note: Students who do not fit any of the above categories or who are uncertain of their placement should contact the Department of Rhetoric, Writing, and Communications for placement advice.

Validation of Placement: On the basis of writing done early in the course, faculty members may advise students registered in the 3 credit-hour course that a full year's work would increase their chances of improving their writing and satisfying the writing requirement, and may recommend a move to the 6 credit hour version of Academic Writing or to Academic Writing for ESL students; other students may be advised that they should move from a 6 credit hour to a 3 credit hour course. The faculty member and student may also decide, following discussion of the student's writing, that he or she could benefit from peer tutoring, available free in the Tutoring Centre and the Computer Writing Lab.

Students who are exempted from the University Writing Requirement are encouraged to take courses in the Department's upper-level group. Exempted students who are interested in working as writing tutors should inquire at the Department of Rhetoric, Writing, and Communications about the required preparatory course work.

b. The Humanities Requirement

Students must complete a minimum of 12 credit hours in Humanities courses. Where relevant, a course may fulfil both the Major and Humanities requirement at the same time. Cross-listed courses will fulfil the Humanities requirement if one of the courses is designated as Humanities.

The following University of Winnipeg subject area courses fulfil the Humanities requirement:

Anthropology	**Only** ANTH-2116; ANTH-2121(3); ANTH-2211(3); ANTH-2229(3); ANTH-2401(3); ANTH-2402(3); ANTH-2403(3); ANTH-2405(3); ANTH-2406; ANTH-3117/ANTH-4117; ANTH-3120; ANTH-3126;ANTH-3127; ANTH-3132(3); ANTH-3261(3); ANTH-3262(3); ANTH-3405(6); ANTH-3411(3); ANTH-4105(6); ANTH-4117(3); ANTH-4411(3).
Business and Administration:	**Only** BUS-3135(3).
Classics:	All courses **except** CLAS-1100(3); CLAS-1101(3); CLAS-1200(3); CLAS-1201(3).
Conflict Resolution Studies:	**Only** CRS-2131(3); CRS-2132(3); CRS 3272(3).
Disability Studies:	**Only** DIS-2200(3).
East Asian Languages and Cultures:	All courses.
English:	All courses.
French Studies:	All courses **except** FREN-0002(3); FREN-2109(3); FREN-3204(3).
German Studies:	All courses **except** the former GERM-1105(3), GERM-1106(3), GERM-1301(6).
History:	All courses
Human Rights:	**Only** HR-2200(3); HR-3131(3); HR-3132(3); HR-3133(3);HR-3272(3); HR-3311(3); HR-3553(3)
Indigenous Studies:	IS-1016(3); IS-1101(6); IS-1201(6); IS-2101(6); IS-2201(6); IS-3104(3); IS-3523(3); IS-3717(3/6); IS-3723(3/6); IS-4717(3/6).
International Development Studies	**Only** IDS-2130(3); IDS-2804(3).
Italian Studies:	All courses.
Kinesiology:	**Only** KIN-2060(3); KIN-2850(3); KIN-3060(3); KIN-4104(3)
Linguistics:	**Only** LING-2001(3); LING-2002(3); LING-2003(3); LING-2004(3); LING-2101(3); LING-2208(3); LING-2301(3); LING-2401(3); LING-3001(3); LING-3104(3); LING-3301(3); LING-3302(3); LING-3303(3); LING-3311(3); LING-3305(3); LING-3401(3); LING-3405(3); LING-4001(3); LING-4300; LING-4302(3); LING-4305(3).
Mathematics:	**Only** MATH-2305(3); MATH-2901(3), MATH-2902(3).
Mennonite Studies:	**Only** MENN-1010(6); MENN-2101(3); MENN-2102(3); MENN-2107(3); MENN-2131(3); MENN-2132(3); MENN-3102(3); MENN-3108(3); MENN-3110(3); MEN-3111(3); MENN-3114(3); MENN-3116(3); MENN-3212(3); MENN-3541(3); MENN-4535(6).
Modern Languages and Literatures:	**Only** MOD-2710(3).
Music:	**Only** MUS-2201(3); MUS-2202(3); MUS-2203(3); MUS-2204(3).
Philosophy:	All courses **except** PHIL-2302(6) Logic and/or any Logic courses transferred from another institution.
Political Science:	**Only** POL-2200(6).
Religion & Culture:	All courses **except** REL-2001(6) and REL- 2007(6).
Rhetoric, Writing Communications:	All courses **except** RHET-1101(3); RHET-1102(3); RHET-1103(3); RHET-1104(3); RHET-1105(3); RHET-1106(3); RHET- 1110(6); RHET-1115(6); RHET-2530(3).
Spanish Studies:	All courses.
Theatre & Film:	**Only** THFM-1002(6); THFM-1010(6); THFM-2201(3); THFM-2313(3);

THFM-2401(3); THFM-2402(3); THFM-2404(3); THFM-2405(3); THFM-2406(3); THFM-2410(6); THFM-2610(3); THFM-2611(3); THFM-2612(3); THFM-2701(6); THFM-2703(3); THFM-2802(3) THFM-2805(3); THFM-3190(3); THFM-3401(3); THFM-3402(3); THFM-3502(6); THFM-3701(6); THFM-4134(6); THFM-4441(3).

Women's and GenderStudies **Only** WGS-1232(6); WGS-2001(3); WGS-2251(3); WGS-2256(3); WGS-2258(3); WGS-2260(6); WGS-2262(3); WGS-2264(3); WGS-2270; WGS-2912(3); WGS-2922(3); WGS-2933(3); WGS-3005(3); WGS-3040(6); WGS-3133(3); WGS-3146(3); WGS-3147(3); WGS-3523(3); WGS-3571(3).

Notes: - HIST-2900(6) and MATH/PHIL-2901(3) can be used to fulfil either the Humanities requirement or the Science requirement.
- Courses that meet both the Humanities and Social Science Requirements may only be used toward one of those requirements.

c. The Science Requirement

Students must complete a minimum of 6 credit hours in Science courses at or above the 1000 level in the Bachelor of Arts, Bachelor of Business Administration, Bachelor of Kinesiology, and Bachelor of Physical and Health Education degrees and 18 credit hours at or above the 1000 level in the Bachelor of Science degree. In some cases, students may fulfil the Science Requirement and the Major Requirement with the same courses. In others, additional courses identified by the department must be taken. (Cross-listed courses will fulfil the Science requirement if one of the course numbers is designated as Science.)

The following University of Winnipeg subject area courses fulfil the Science requirement:

Anthropology: **Only** ANTH 2119 (3); ANTH-2300(3); ANTH-2304(3); ANTH-3207(3); ANTH-3302(3); ANTH-3306(3); ANTH-3308; ANTH-3309(3); ANTH-4212(3); ANTH-4302(3); ANTH-4303(3); ANTH-4305(3); ANTH-4307(3); ANTH-4308(3); ANTH-4309(3); ANTH-4311(3).

Applied Computer Science: All courses **except** ACS-1453(3), ACS-1803(3), ACS-2916(3).

Bioanthropology BANT-2300 (3); BANT-2300(3); BANT-2304(3); BANT-3207(3); BANT-3302(3); BANT-3306(3); BANT-3308(3); BANT-3309(3); BANT-4212(3); BANT-4230(3); BANT-4302(3); BANT-4303(3); BANT-4305(3); BANT-4307(3); BANT-4308(3); BANT-4309(3); BANT-4311(3

Biology: All courses

Chemistry: All courses **except** CHEM-0100(3)

Environmental Studies and Sciences: **Only** ENV-1600(3); ENV-2401(3); ENV-2603(3); ENV-2604(3); ENV-3476(3); ENV-3611(3).

Geography: **Only** GEOG-1201(3); GEOG-1202(3); GEOG-2207(3); GEOG-2210(3); GEOG-2213(3); GEOG-2214(3); GEOG-2215(3); GEOG-2216(3); GEOG-2218(3); GEOG-2219(3); GEOG-2304(3); GEOG-2306(3); GEOG-2316(3);GEOG-3210(3); GEOG-3215(3); GEOG-3306(3); GEOG-3307(3); GEOG-3319(3); GEOG-4203(3); GEOG-4212(3); GEOG-4231(3); GEOG-4320(3); GEOG-4321(3); GEOG-4322(3);.

History: **Only** HIST-2900(6).

Indigenous Studies: **Only** IS-3201(3), IS-4026(3)

International Development Studies **Only** IDS-2603(3).

Kinesiology and Applied Health: **Only** KIN-2201(3); KIN-2202(3); KIN-2204(3); KIN-2301(3); KIN-2304(3); KIN-2500(3); KIN-2501(3); KIN-3106(3); KIN-3107(3); KIN-3201(3); KIN-3304(3); KIN-3500(6); KIN-3501(3); KIN-3502(3); KIN-3505(3); KIN-4201(3); KIN-4207(3); KIN-4301(3); KIN-4500(6); KIN-4501(3); KIN-4502(3)

Mathematics: All courses **except** MATH-2305(3)

Physics: All courses

Psychology: **Only** PSYC-2101(3); PSYC-2102(3); PSYC-2600(3); PSYC-2610(3); PSYC-2620(3); PSYC-2800(3); PSYC-2900(3); PSY-2920(3).

Sociology: **Only** SOC-2125(3)

Statistics: All courses

Note: The following courses **do not** fulfil the Science requirement for the BA degree:
- Courses offered by the History Department in the History of Science area other than HIST-2900(6).

Note: HIST-2900(6) and MATH/PHIL-2901(3) can be used to fulfil either the Humanities requirement or the Science requirement.

d. The 4-Year BA, BBA and BKin Social Science Requirement

Students seeking a 4-year BA, BBA or BKin must complete a minimum of 12 credit hours in Social Science courses. Where relevant, a course may fulfill both the Major and Social Sciences requirement at the same time.

The following subject area courses fulfil the Social Science requirement:

Anthropology: All courses.

Business and Administration: **Only** BUS-2300; BUS-3321.

Conflict Resolution Studies: **Only** CRS-3242(3).

Disability Studies: **Only** DIS-2200(3)

Economics: All courses.

Environmental Studies and Sciences: **Only** ENV-2416(3); ENV-2502(3); ENV-3004(3).

Geography: **Only** human and regional courses, GEOG-X4XX and GEOG-X5XX

Human Rights: **Only** HR-3553(3)

Indigenous Studies: **Only** IS-1017(3); IS-2020(3); IS-3012(3); IS-3104(3); IS-4024(3); IS-4445(3).

International Development Studies: **Only** IDS-2160(3); IDS-2186(3); IDS-3160(3); IDS-4824(3).

Kinesiology and Applied Health: **Only** KIN-3060(3).

Linguistics: **Only** LING-1001(6); LING-2002(3);

LING-2003(3); LING-2004(3); LING-2101(3); LING-2102(3); LING-2103(3); LING-3001(6); LING-3006(3); LING-3101(3); LING-3102(3); LING-4001(3); LING-4005(3); LING-4006(3); LING-4102(3).

Political Science: All courses
Psychology: All courses
Religion and Culture **Only** REL-2709(3); REL-2716(3); REL-2719(3); REL-3553(3); REL-4553(3).
Sociology: All courses

Urban and Inner City Studies: **Only** UIC-2020(3)**;** UIC-3020(3); UIC-3110(3); UIC-4445(3).

Women's and Gender Studies: **Only** WGS-1232(6); WGS-2251(3); WGS-2256 (3); WGS-2260(6); WGS-2264(3); WGS-2270(3); WGS-2300(3); WGS-2416(3); WGS-3003(3); WGS-3004(3); WGS-3020(3); WGS-3200(6); WGS-3212(6); WGS-3242(3); WGS-3301(3); WGS-3302(3); WGS-3321(3).

Note: Courses that meet both the Humanities and Social Science Requirements may only be used toward one of those requirements.

e. The Indigenous Course Requirement

Effective Fall 2016, for students admitted for that term or after, students must complete a minimum of three credits hours in a course with significant Indigenous content. The following courses meet the ICR:

Anthropology: **Only** ANTH-2103(3); ANTH-2160(3); ANTH-2202(3); ANTH-3113(3); ANTH- 3120(3) ANTH-3127(3); ANTH-4024(3); ANTH-4105(3); ANTH-4113(3); ANTH-4145.
Conflict Resolution: Studies **Only** CRS-2443(3).
Economics: **Only** ECON-2315(3)
English: **Only** ENGL-3717(3/6); ENGL-3723(3/6); ENGL-4717(3/6)
French Studies: **Only** FREN-3609(3)
Geography: **Only** GEOG-3512(3);
History: **Only** HIST-1006(3); HIST-1007(3); HIST-1008(3); HIST-2510(3); HIST-2511(3); HIST-2516(3); HIST-3515(3); HIST-3518(3); HIST-3519; HIST-3522(5); HIST-3523(3); HIST-3525(3); HIST-3814(3/6); HIST-4570(3).
Indigenous Studies: **Only:**IS-1010(3);IS-1016(3);IS-1017(3) IS-2020(3);IS-2040(3); IS-3010(3); IS-3125(3); IS-3523(3);IS-3717(3/6);IS-3723(3/6);IS-4024(3);IS-4025(3);IS-4445(3); IS-4026(3); IS-4703(3) IS-4717(3/6).
International Development Studies: **Only IDS-2160(3):**IDS-2443(3); IDS-2804(3); IDS-4824(3).
Linguistics: **Only** LING-4025(3);
Political Science: **Only** POL-2020(3); POL-3400(3); POL-3405(3);POL-3411(3);POL-3415(3);POL-4440(6).
Religion and Culture **Only:**REL-2801(3);REL-2802(3);REL-2803(3);REL-2805(3);REL-802(3);REL-3803(3);REL-3804(3);REL-805(3);REL-4802(3);REL-4803(3);REL-4805(3): REL-4804(3).
Rhetoric, Writing Communications: **Only** RHET-2141(3).
Sociology: **Only** SOC-3123(3).
Urban and Inner City Studies: **Only:**UIC-1010(3);UIC-2010(3)**;**UIC-2020(3)**;**UIC-3060(3); UIC-4445(3).
Women's and Gender Studies: **Only** WGS-3001(3), WGS-3523(3)

Note: Courses that meet the ICR and another requirement, such as Humanities, Social Science, or Science, may be used toward both requirements. A course cannot be used toward more than two of those General Degree Requirements. For more information about the criteria for Indigenous content course approval, please go to http://uwinnipeg.ca/indigenous-course-requirement

f. The Subject Distribution Requirement

Students must complete a minimum of three credit hours in at least five different subject areas. This subject distribution ensures that students have breadth as well as depth in their degree.

g. The Degree Residence Requirement

Students are required to complete a minimum number of credit hours in University of Winnipeg courses to be granted a degree from the University. The number of degree and major residence credit hours required are listed in the descriptions for each degree.

Residence requirements for second degree programs are found in this section under 11.

h. The Maximum Number of Introductory Courses Allowed

Students may use a maximum of 42 credit hours at the 1000 level towards a degree at The University of Winnipeg. Of these, a maximum of 6 credit hours may be below the 1000 level.

i. The Academic Performance Requirement

Students must maintain a minimum academic performance level both to continue a program of studies and to qualify for a degree. Please refer to the section on *Academic Regulations and Policies.*

3. The Major

Every degree must include a subject concentration in which a minimum number of courses is taken, identified by the student and the University as the Major. The Major provides the opportunity for a student to develop depth of knowledge in a chosen field of disciplinary and/or interdisciplinary studies.

For specific information, students should read the relevant department/program section describing the requirements of the major they are seeking.

a. Major Regulations

Each department/program has its own requirement for the number of credit hours which must be taken in the declared Major subject.

There is a minimum performance requirement in Major courses presented for graduation. Students seeking 3- and 4-Year BA/BSc/BBA/BPHE/BKin degrees must have a 2.0 GPA in the Major subject courses presented for graduation. Students seeking Honours degrees must have a 3.0 GPA in all Honours subject courses.

There is a minimum entry requirement for students registering for the BA Honours, the Student-Designed Major and the Thematic Major.

Students are asked to declare a major before registering for their 36th credit hour of course work and are required to declare their major before registering for their 60th credit hour of course work.

Students are normally required to consult with, and receive written permission from, departments/programs before declaring a Major.

- **3-Year:** Students must consult with all departments with the exception of Chemistry, Criminal Justice, and Psychology where consultation is recommended but not required.
- **4-Year:** Students must obtain program approval before each registration.
- **Honours:** Students must obtain program approval before each registration.
- **Student - Designed:** Students must consult with the Coordinator of the Flexible Major Program.
- **Education**: Students declare their Major to the BEd Advisor.
- **Double:** Students must receive program approval from both subject areas.
- **Combined:** Students must receive program approval from both subject areas.

b. Types of Majors

A variety of majors and combinations of majors allow students to choose programs of study most suitable for achieving specific academic and/or career goals. The official transcript will indicate the major or majors once the degree has been conferred.

- **Single Major:** A student chooses one disciplinary and/or interdisciplinary area as the Major subject concentration.
- **Double Major:** A student chooses two disciplinary and/or interdisciplinary Major subject concentrations and meets the requirements in each Major subject as outlined by the department/ program.
- **Single Honours:** A student chooses one Honours subject concentration and meets the requirements for the Honours subject as outlined by the department/program.
- **Double Honours:** A student chooses two Honours subject concentrations and meets the requirements in each Honours subject as outlined by the department/program.
- **Combined Major**: A student chooses to combine courses from two Major concentrations for a single Major by completing a minimum number of credit hours in each subject area. The combined major is available in the 3-Year and 4-Year degrees. It is not available in the Honours degree.
- **Student-Designed Major:** A student, with the assistance of a faculty sponsor, designs an integrated, interdisciplinary major tailored to her/his interests and goals. The courses chosen for the Major relate to a theme or focus, and must reflect both breadth and depth. The Student-Designed Major is available in the 4-Year and Honours BA and BSc and follows University requirements for those degrees. It is NOT available in the 3-Year degree.

Students interested in pursuing this major should contact the Coordinator of the Flexible Major Program.

- **Thematic Major:** From time to time, interdisciplinary majors designed around a common theme of current interest will become available.

c. Majors leading to Bachelor's Degrees

Bachelor of Arts Majors

Anthropology (ANTH)	3-Year, 4-Year, Honours
Applied Computer Science (ACS)	3-Year, 4-Year
Classics (CLAS)	3-Year, 4-Year, Honours
Communications (COMM)	4-Year Joint Diploma/Degree (UW/RRC)
Conflict Resolution Studies (CRS)	3-Year, 4-Year
Criminal Justice(CJ)	3-Year, 4-Year, Honours
Dance (Theatre and Film) (DANC)	3-Year, Honours
Developmental Studies (DEV)	3-Year, 4-Year Joint Diploma/Degree (UW/RRC)
Disability Studies (DIS)	3-Year, 4-Year, Honours
East Asian Languages and Cultures (EALC)	3-Year, 4-Year
Economics (ECON)	3-Year, 4-Year, Honours
Economics and Finance (EFIN)	4-Year
English (ENGL)	3-Year, 4-Year, Honours
Environmental Studies and Sciences (ENV)	3-Year, 4-Year, Honours
French Studies (FREN)	3-Year, 4-Year, Honours
Geography (GEOG)	3-Year, 4-Year, Honours
German Studies (GERM)	3-Year, 4-Year
History (HIST)	3-Year, 4-Year, Honours
History of Art (HISA)	3-Year, 4-Year, Honours
Human Rights (HR)	3-Year, 4-Year
Indigenous Studies (IS)	3-Year, 4-Year, Honours
Interdisciplinary Linguistics (LING)	3-Year, 4-Year
International Development Studies (IDS)	3-Year, 4-Year
Mathematics (MATH)	3-Year, 4-Year
Modern Languages	4-Year
Philosophy (PHIL)	3-Year, 4-Year, Honours
Political Science (POL)	3-Year, 4-Year, Honours
Psychology (PSYC)	3-Year, 4-Year, Honours
Religion and Culture (REL)	3-Year, 4-Year, Honours
Rhetoric and Communications (RHET)	3-Year, 4-Year
Sociology (SOC)	3-Year, 4-Year, Honours

Spanish Studies (SPAN)	3-Year, 4-Year
Statistics (STAT)	3-Year, 4-Year
Theatre and Film (THFM)	3-Year, Honours
Urban and Inner-city Studies (UIC)	3-Year, 4-Year, Honours
Women's and Gender Studies (WGS)	3-Year, 4-Year, Honours

Bachelor of Science Majors

Applied Computer Science (ACS)	3-Year, 4-Year, Honours
Bioanthropology (BANT)	3-Year, 4-Year
Biochemistry (BCHM)	3-Year, 4-Year, Honours
Biology (BIOL)	3-Year, 4-Year, Honours, 4-Year Joint Applied (UW/RRC)
Biopsychology (BPSY)	3-Year, 4-Year, Honours
Chemistry (CHEM)	3-Year, 4-Year, Honours, 4-Year Joint Applied (UW/RRC)
Environmental Studies and Sciences (ENV)	4-Year, Honours, 5-Year Joint Applied(UW/RRC)
Geography (GEOG)	3-Year, 4-Year, Honours, 4-Year Joint (UW/RRC)
Kinesiology and Applied Health (KIN)	4-Year
Mathematics (MATH)	3-Year, 4-Year, Honours
Physics (PHYS)	3-Year, 4-Year, Honours
Radiation Therapy (RT)	4-Year Joint (UW/CancerCare Manitoba)
Statistics (STAT)	3-Year, 4-Year

Bachelor of Business Administration

Business Administration (BUS)	3-Year, 4-Year, Joint 3-Year and 4-Year (UW/RRC)
Economics and Finance (EFIN)	4-Year

Bachelor of Physical and Health Education

Kinesiology and Applied Health (KIN)	3-Year

Bachelor of Kinesiology

Kinesiology and Applied Health (KIN)	4-Year

NOTE: For Bachelor of Education majors, see the "Education" section of this Academic Calendar.

4. The Minor

A student within any 3-Year, 4-Year, or Honours degree program may choose to complete a Minor, consisting of 18 credit hours of designated courses within a Department or Program other than their Major, provided that other Department or Program offers a Minor. The list of Departments and Programs that have an approved Minor appears below. Students do not declare this Minor during their program, but should submit to the Student Records Office written confirmation of completion from the Minor Department or Program as an exit requirement at the time of application for graduation. For Bachelor of Education Teachable Minors, please see the "Education" section of this Academic Calendar.

Departments and Programs offering Minors

Applied Computer Science (ACS)
Anthropology (ANTH)
Biological Anthropology (ANTH)
Classics, Civilization Stream (CLAS)
Classics, Language Stream (CLAS)
Comparative Literature (COMP)
Conflict Resolutions Studies (CRS)
Criminal Justice (CJ)
Disability Studies (DIS)
East Asian Languages and Cultures (EALC)
Economics (ECON)
English (ENGL)
French Studies (FREN)
Geography (GEOG)
German Studies (GERM)
History (HIST)
History of Art (HISA)
Human Rights (HR)
Indigenous Studies (IS)
International Development Studies (IDS)
Linguistics (LING)
Mathematics (MATH)
Mennonite Studies (MENN)
Philosophy (PHIL)
Physics (PHYS)
Political Science (POL)
Religion and Culture (REL)
Rhetoric, Writing and Communications (RHET)
Sociology (SOC)
Spanish Studies (SPAN)

Statistics (STAT)
Theatre and Film (THFM)
Urban and Inner-City Studies (UIC)
Women's and Gender Studies (WGS)

5. Bachelor of Arts Degree Requirements

a. 3-Year Bachelor of Arts

The 3-Year Bachelor of Arts degree program provides students with a solid background in the liberal arts and sciences. Program requirements may vary. Students should consult individual department/program entries for specific course and program requirements.

Graduation Requirement 90 credit hours

Residence Requirement

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
Double Major:	Minimum 18 credit hours in each major.
Combined Major:	Minimum 12 credit hours in each major area.

General Degree Requirements

Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours course in each of five (5) subjects.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Major Requirements

Single Major:	Minimum 30 or 36 credit hours/Maximum 48 credit hours.
Double Major:	Minimum 30 or 36 credit hours/Maximum 48 credit hours in each major subject, **or** as specified by the department/program.
Combined Major:	Minimum 48 credit hours from 2 different majors with no less than 18 credit hours from each major subject.

b. 4-Year Bachelor of Arts

The 4-Year Bachelor of Arts offers students the advantages of substantial specialization in a major field of study combined with a wide background in the liberal arts and sciences.

Program requirements may vary. Students should consult the individual department/program entries for specific course and program requirements.

Graduation Requirement 120 credit hours

Residence Requirement

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
Double Major:	Minimum 30 credit hours in each major.
Combined Major:	Minimum 15 credit hours in each major area.

General Degree Requirements

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours in each of five (5) subjects.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Major Requirement

Single Major:	Minimum 48 credit hours/Maximum 66 credit hours.
Double Major:	Minimum 48 credit hours in each Major subject as specified in the department/ program.
Combined Major:	Minimum 60 credit hours from 2 Major subjects with not less than 24 credit hours from each major subject.

c. Bachelor of Arts Honours

The Bachelor of Arts Honours offers students the opportunity for intensive study in a major field of study. The Honours program is designed to prepare qualified students for graduate study and to provide understanding of, and qualification in, a given field of study for employment opportunities.

Departmental Honours programs vary. Students should consult the individual department/program for specific course and program requirements.

Admission Requirement

Entry after completing a minimum of 30 credit hours.

Entry, continuing and graduation minimum GPA is 3.0 in Honours subject courses and 2.5 in Non-Honours subject courses.

The minimum 3.0 GPA will be based on all attempts (including course repeats and failures) in Honours subject courses.

The minimum 2.5 GPA in all Non-Honours subject courses will be calculated as for a general degree (F's are not included, and in the case of repeated courses, only the highest grade will be used).

Graduation Requirement 120 credit hours

Residence Requirement

Degree:	Minimum 60 credit hours
Honours Subject:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000), of which a minimum 9 credit hours are at the 4000 level.
Double Honours:	Minimum 30 credit hours, including 18 credit hours at upper level (3000/4000) of which a minimum 9 credit hours are at the 4000 level in each Honours subject.

General Degree Requirements

Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours in each of five (5) subject areas.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Honours Subject Requirements

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours. Minimum 30 credit hours in the Honours subject at the upper level (3000/4000) with minimum 15 credit hours in the Honours subject at the 4000 level. (Program requirements may vary from a minimum of 15 credit hours to a maximum of 30 credit hours at the 4000 level).
Double Honours:	Minimum 36 credit hours in each Honours subject as specified in each department/ program. A minimum of 24 credit hours above the 2000 level including a minimum of 15 credit hours at the 4000 level in each major.

Note: Students not in an Honours Program who wish to register for 4000-level courses designated as Honours courses must seek the permission of the department/program. To qualify, students are normally required to have a minimum GPA of 3.0 based on all attempts in the Honours subject. Students lacking the 3.0 GPA should consult the relevant department/program concerned regarding eligibility.

d. 4-Year Bachelor of Arts Joint Degree/Diploma in Communications - UW/RRC

The University of Winnipeg Department of Rhetoric, Writing, and Communications in cooperation with Red River College offer a Joint Degree/Diploma in Communications.

Admission Information

Students must apply separately to RRC and the UW. Application to the UW alone does not constitute application to the Joint Program. (See the entry for Department of Rhetoric, Writing, and Communications for additional information).

Graduation Requirement 120 credit hours

Residence Requirement

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

General Degree Requirements

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Major Requirements	Minimum 48 credit hours/Maximum 66 credit hours.

6. Bachelor of Science Degree Requirements

a. 3-Year Bachelor of Science

The 3-Year Bachelor of Science degree provides students with a solid background in the sciences and liberal arts. Program requirements may vary. Students should consult individual department/program entries for specific course and program requirements.

Graduation Requirement 90 credit hours

Residence Requirement

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
Double Major:	Minimum 18 credit hours in each major.
Combined Major:	Minimum 12 credit hours in each major area.

General Degree Requirements

Humanities:	12 credit hours
Science:	18 credit hours as specified by department/ program.
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours in each of Five (5) subject areas.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Major Requirement

Single Major:	Minimum 30 or 36 credit hours/Maximum 48 credit hours.
Double Major:	30 or 36 credit hours in each Major subject as specified in the department/program.
Combined Major:	Minimum 48 credit hours from 2 different major subjects with not less than 18 credit hours from each major subject.

Note: Interdisciplinary Majors may exceed the minimum and maximum credit hours in a major.

b. 4-Year Bachelor of Science

The 4-Year Bachelor of Science offers students the advantages of substantial specialization in a major field of study combined with a background in the liberal arts and sciences. Program requirements may vary. Students should consult with the individual department/program entries for specific course and program requirements.

Admission Requirement 60 credit hours

Graduation Requirement 120 credit hours

Residence Requirement

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
Double Major:	Minimum 30 credit hours in each major.
Combined Major:	Minimum 15 credit hours in each major area.

General Degree Requirements

Humanities:	12 credit hours
Science:	As detailed in each department/program.
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours in each of five (5) subject areas.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Major Requirement

Single Major:	Minimum 48 credit hours/Maximum 78 credit hours.
Double Major:	30 credit hours in each Major subject as specified in the departments/programs.
Combined Major:	Minimum 60 credit hours from two (2) major subjects with not less than 24 credit hours from each.

Note: Interdisciplinary Majors may exceed the minimum and maximum credit hours in a major.

c. Bachelor of Science Honours

The Bachelor of Science Honours will be conferred on students who have attained an Honours graduation GPA in their program of studies. In some programs, students may be required to complete specifically designated Honours courses. Departmental Honours programs vary. Students should consult the individual department/program for specific course and program requirements.

Graduation Requirement 120 credit hours

Graduation GPA Requirement

The minimum GPA for graduation is 3.0 in Honours subject courses and 2.75 in Non-Honours subject courses.

The minimum 3.0 GPA will be based on all attempts (including course repeats and failures) in Honours subject courses.

The minimum 2.75 GPA in all Non-Honours subject courses will be calculated as for a general degree (F's are not included, and in the case of repeated courses, only the highest grade will be used).

Residence Requirement

Degree:	Minimum 60 credit hours
Honours Subject:	Minimum 30 credit hours, including minimum 18 credit hours at the upper level (3000/4000) of which a minimum 9 credit hours are at the 4000 level.
Double Honours:	Minimum 30 credit hours, including 18 credit hours at the upper level (3000/4000) of which a minimum 9 credit hours are at the 4000 level in each Honours subject.

General Degree Requirements

Humanities:	12 credit hours
Science:	As detailed in each department/program.
Writing:	Minimum one 3 credit hour course of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours in each of five (5) subject areas.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Honours Subject Requirement

Single Honours:	Minimum 54 credit hours Minimum 30 credit hours in the Honours subject at the upper level (3000/4000) with minimum 12 credit hours in the Honours subject at the 4000 level.

d. 4-Year Bachelor of Science Applied - UW/RRC

The 4-Year Joint Bachelor of Science qualifies students for a joint degree parchment from both The University of Winnipeg and Red River College. The joint program offers students a synthesis of theoretically-based and applied studies coupled with a background in the liberal arts and sciences. The program offers students the option of a cooperative or regular stream of studies. **Note: The Joint Environmental Science Degree is a five-year program.**

Graduation Requirement 120 credit hours

Residence Requirement

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

General Degree Requirements

Humanities:	12 credit hours
Science:	As detailed in each department/program.
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours in each of five (5) subject areas.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level including maximum 6 credit hours at the 0000 level.
Major Requirement	Minimum 51 credit hours - the courses are listed in the departments offering the majors.

7. Bachelor of Business Administration Degree Requirements

a. 3-Year Bachelor of Business Administration

The 3-Year Bachelor of Business Administration degree program provides students with a business education as well as a solid background in the liberal arts and sciences. Program requirements may vary. Students should consult individual department entries for specific course and program requirements.

Graduation Requirements 90 credit hours

Residence Requirement

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
Combined Major:	Minimum 12 credit hours in each major area.

General Degree Requirements

Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours course in each of five (5) subjects.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Major Requirements

Single Major:	Minimum 36 credit hours
Combined Major:	Minimum 48 credit hours from 2 different majors with no less than 18 credit hours from each major subject.

b. 4-Year Bachelor of Business Administration

The 4-Year Bachelor of Business Administration offers students the advantages of substantial specialization in business combined with a wide background in the liberal arts and sciences. Program requirements may vary. Students should consult the individual department entries for specific course and program requirements.

Graduation Requirements 120 credit hours

Residence Requirement

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

General Degree Requirements

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours course in each of five (5) subjects.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

General Stream Requirements

Required Courses:	33 credit hours of core courses plus the corporate social responsibility requirement, and 24 credit hours of additional Business and Administration courses/Maximum 78 credit hours of Business and Administration courses. Students should consult individual department entry for specific course and department requirements.

Concentration Stream Requirements

Required Courses: 33 credit hours of core courses plus the corporate social responsibility requirement, minimum 12 credit hours in the chosen concentration, and 21 credit hours of additional Business and Administration courses/Maximum 78 credit hours of Business and Administration courses. Students should consult individual department entry for specific course and department requirements.

8. Bachelor of Education Degree Requirements

For degree and major requirements in Education, please see the "Education" section of this Academic Calendar.

9. Bachelor of Physical and Health Education Requirements

Please see the "Kinesiology and Applied Health" section of this Academic Calendar.

10. Bachelor of Kinesiology Requirements

Please see the "Kinesiology and Applied Health" section of this Academic Calendar.

11. Second Bachelor Degree Requirements

This Section outlines the regulations specific to students seeking a second or simultaneous University of Winnipeg Arts, Business Administration, Kinesiology, Physical and Health Education, or Science degrees.

a. University of Winnipeg Students seeking two from an Arts, Business Administration, Kinesiology, Physical and Health Education or Science degree.

Note: Limitations to a student seeking two University of Winnipeg degrees

The University does not admit one of its graduates to the same degree a second time.

– students who qualify for the Honours BA or the 4-Year BA after having been granted the 3-Year BA must relinquish the earlier degree.

- – students who qualify for the 4-Year BBA after having been granted the 3-Year BBA must relinquish the earlier degree.

– students who qualify for the 4-Year BSc or the Honours BSc after having been granted the 3-Year BSc must relinquish the earlier degree.

– students may not seek both a BA and a BSc when the major field of study resides in the same department or program.

– students may not hold more than one of the BPHE, or BKin, or 4-Year BSc in Kinesiology.

- **Two 3-Year Degrees**

When the two degrees sought are 3-Year degrees, the student must fulfil:

– a Residence Requirement of 60 credit hours between the two degrees;

– the Major Residence Requirement specified for each degree;

– a total minimum of 120 credit hours between the two degrees with no more than 42 credit hours numbered at or below the 1000 level;

– all other Degree, Course, Major and Performance Requirements specific to each of the degrees being sought.

- **A 4-Year or Honours Degree and another Degree**

When the two degrees sought are either a 3-Year and a 4-Year OR a 3-Year and an Honours, OR OR two 4-Year degrees OR two Honours degrees the student must fulfil:

– a Residence Requirement of 90 credit hours between the two degrees;

– the Major Residence Requirement specified for each degree;

– a total minimum number of 150 credit hours between the two degrees with no more than 42 credit hours numbered at or below the 1000 level;

– all other Degree, Honours, Course, Major and Performance Requirements specific to each degree being sought.

b. Graduates of other Institutions Seeking a Second Arts, Science or Business Administration degree

Note: Limitations to a student seeking a second degree at The University of Winnipeg

Students seeking a second degree at the same level as their first degree are required to fulfil a Major in an area other than the Major area of study in their first degree.

– students with a first degree at the 3-Year level may advance to a 4-Year or Honours level in the same major field of study as their first degree.

– students seeking to advance to a degree at the Honours level must qualify for entrance into the Honours Program.

- **3-Year as the Second Degree**

When the second degree sought is a 3-year degree, the student must fulfil:

– the 30 credit hours University Residence Requirement with courses **at or above the 2000 level**;

– the Major Residence Requirement of 18 credit hours **at or above the 2000 level**;

– a total minimum number of 120 credit hours between the first and the second degree;

– all Degree, Major, Course, and Performance Requirements specific to the degree being sought.

- **4-Year as the Second Degree**

When the second degree sought is a 4-year degree, the student must fulfil:

– the 60 credit hours Residence Requirement, 30 credit hours of which must be **at or above the 2000 level;**

– the Major Residence Requirement of 18 credit hours **at or above the 2000 level**;

– a total minimum number of 150 credit hours between the first and the second degree;

– all other Degree, Course, Major and Performance Requirements specific to the degree being sought.

- **Honours as the Second Degree**

When the second degree sought is an Honours degree, a student must fulfil:

– the 60 credit hours Residence Requirement, 30 credit hours of which must be in courses **at or above the 2000 level**;

– the Major Residence Requirement for Honours or Double Honours, as specified for each degree;

– a total minimum of 150 credit hours between the first and second degree;

– all other Degree, Course, Major and Performance Requirements specific to the Honours degree sought.

For information on a Second Degree in Education, please see the "Education" section of this Academic Calendar.

Up-to-date information on

- **Registration**
- **Fees**
- **Awards and Financial Aid**

can be found in the "Student" section of the University's website at www.uwinnipeg.ca

Areas of Study (Undergraduate) Major and Course Descriptions

Updated May 2, 2018

1. User's Guide
   a. Introduction
   b. Key to Course Numbers
   c. Course Levels
   d. Course Weight and Value

2. Professional and Applied Studies

3. Areas of Study (Undergraduate) Index

Anthropology (ANTH)
Applied Computer Science (ACS)
Bioanthropology (BANT)
Biochemistry (BCHM)
Biology (BIOL)
Biopsychology (BPSY)
Business and Administration (BUS)
Chemistry (CHEM)
Classics (CLAS)
Comparative Literature (COMP)
Conflict Resolution Studies (CRS)
Co-operative Education (COOP)
Criminal Justice (CJ)
Dance (DANC)
Developmental Studies (DEV)
Disability Studies (DIS)
East Asian Languages and Cultures (EALC)
Economics (ECON)
Economics and Finance (EFIN)
Education (EDUC)
English (ENGL)
Environmental Studies and Sciences (ENV)
French Studies (FREN)
Geography (GEOG)
German-Canadian Studies (GCS)
German Studies (GERM)
History (HIST)
History of Art (HISA)
Human Rights (HR)
Indigenous Studies (IS)
International Development Studies (IDS)
Italian Studies (ITAL)
Kinesiology and Applied Health (KIN)
Linguistics, Interdisciplinary (LING)
Mathematics (MATH)
Mennonite Studies (MENN)
Modern Languages and Literatures (MOD)
Multidisciplinary (MULT)
Music (MUS)
Philosophy (PHIL)
Physics (PHYS)
Political Science (POL)
Portuguese (PORT)
Psychology (PSYC)
Radiation Therapy (RT)
Religion and Culture (REL)
Rhetoric, Writing, and Communications (RHET)
Science with a Business Stream
Sociology (SOC)
Spanish Studies (SPAN)
Statistics (STAT)
Theatre and Film (THFM)
Urban and Inner City Studies (UIC)
Women's and Gender Studies (WGS)

1. User's Guide

a. Introduction

Every undergraduate department/program is listed in the "Areas of Study" section of the Calendar website.

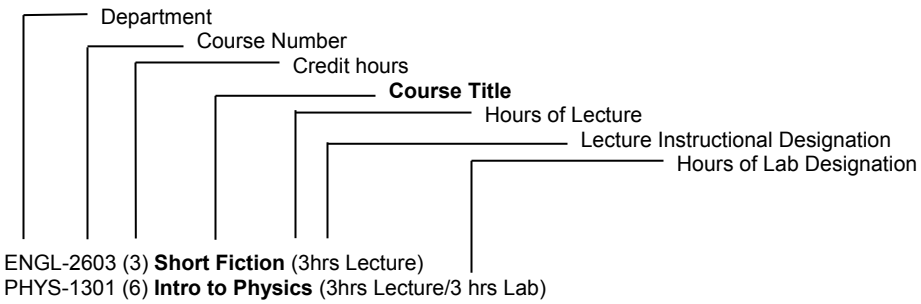
Each department/program provides the following information in a PDF:

- Area of Study title and code
- List of faculty members
- List of degrees/programs offered
- Information about the discipline and career opportunities
- Requirements for each degree/diploma
- General Information about courses
- A listing of all courses offered in the department/program

A catalogue of all course descriptions for all undergraduate programs, organized by department, in alphabetical order, is presented in one large PDF called "All Course Descriptions" on the website:
http://uwinnipeg.ca/academics/calendar/index.html

Not all courses listed in the Calendar are offered every year. Students should consult WebAdvisor/Student Planning or the Timetable for courses offered during the upcoming term(s).

b. Key to Course Descriptions



Instructional Designations:

Lecture/Discussion
Lab
Seminar/Discussion
Directed Reading
Tutorial
Project/Thesis
Variable meeting hours
Apprenticeship/Internship/Practicum

c. Course Levels

Courses at The University of Winnipeg are numbered according to the following conventions:

0000(x) These courses are elementary courses and are offered on a limited basis. Six(6) credit hours of a 0000 level course may be used towards a degree but may not be used towards fulfilling University of Winnipeg distribution, Humanities, Science or Social Science requirements.

1000(x) These are introductory courses, normally presented in a lecture format. The courses may require a high school prerequisite. A maximum of 42 credit hours of 1000 level course may be used towards a degree. The 42 credit hours may include a maximum of 6 credit hours at 0000 level.

2000(x) These are courses at the second year level and are normally presented in a lecture/discussion format. Second year courses may have first-year prerequisites.

3000(x) These courses are upper-level courses, often dealing with specialized topics. They are normally presented in a lecture/seminar format but may also be tutorials or projects. Many courses at this level have 1000-and/or 2000-level course prerequisites.

4000(x) These courses are normally required for Honours and 4-Year degrees and are highly specialized. They are normally presented as seminars, tutorials, thesis or projects but may also be offered in a lecture format. Entry into 4000-level courses normally requires the permission of a department or program.

5000(x) These courses are designed variously for the pre-Master's, Post-Baccalaureate, or Post-Graduate level.

7000(x) These courses are graduate courses acceptable in the graduate program offering them.

d. Course Weight and Value

The credit value of a course can range from 1 credit hour to 12 credit hours or more. The credit hours assigned to each course are designated as (6), (3), (1.5), etc. The meeting hours of a class vary according to the credit assigned.

PROFESSIONAL AND APPLIED STUDIES

Feb. 22, 2018

INTRODUCTION

The University of Winnipeg offers studies in a variety of professional and applied areas. These include specialized courses related to the specific professional/applied areas integrated with a strong liberal arts and science foundation.

PROFESSIONAL STUDIES

Bachelor of Education Program (integrated with BA, BPHE or BSc)
Degree/Diploma Program in Developmental Studies/Early Childhood Education (UW/RRC/USB)
Degree/Diploma Program in Radiation Therapy (UW/CCMB)

APPLIED STUDIES IN A 4-YEAR BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Degree/Diploma Program in Business Administration (UW/RRC)

APPLIED STUDIES IN A 4-YEAR BACHELOR OF ARTS DEGREE

Degree/Diploma Program in Communications (UW/RRC)
Degree/Diploma Program in Geography/GIS (UW/RRC)

APPLIED STUDIES IN A 4-YEAR BACHELOR OF SCIENCE DEGREE

Applied Biology (UW/RRC)
Applied Chemistry (UW/RRC)
Applied Environmental Science (UW/RRC)
Degree/Diploma Program in Geography/GIS (UW/RRC)

PROFESSIONAL STUDIES

Professional Studies programs culminate in one of the University's degrees. In addition, students awarded the degrees are recommended to the appropriate professional body for certification.

THE BACHELOR OF EDUCATION PROGRAM

The University of Winnipeg's Faculty of Education currently offers two routes to prepare students for the teaching profession: an Integrated BEd/BA/BPHE or BSc program and a two-year After-Degree program. Students in each of these programs can choose to prepare for teaching in the elementary or senior levels of the educational system. Upon successful completion of their program, students are recommended for permanent certification as teachers in the province of Manitoba. In conjunction with Red River College, The University of Winnipeg offers an Integrated BEd/BA/BPHE or BSc program to prepare Aboriginal language, Business, or Industrial Arts Technology, or Vocational Education teachers. The University also offers a 5-year integrated BEd/BA program for residents of the inner city (WEC) and a specialized BA/BEd program for Aboriginal people who are working as teacher aides (CATEP). **Details of the program may be found in the Education section of the calendar.**

JOINT 3-YEAR DEGREE/2-YEAR DIPLOMA DEVELOPMENTAL STUDIES/EARLY CHILDHOOD EDUCATION-The University of Winnipeg (UW) and Red River College (RRC) or Université de Saint-Boniface (USB)

The Developmental Studies, Early Childhood Education Program is a four-year long professional program designed to prepare students to be early childhood educators. Students in the program complete coursework at The University of Winnipeg (UW) and either Red River College (RRC) or Université de Saint-Boniface (USB). Students may begin at either UW or a designated college. Graduates receive both a 2-year Diploma in Early Childhood Education from the college institution and a 3-year BA in Developmental Studies from UW. Additionally, they are eligible for Early Childhood Educator III classification from the Manitoba Department of Families, Manitoba Early Learning and Child Program. **Details of the program may be found in the Developmental Studies, Stream C section of the calendar**.

4-YEAR RADIATION THERAPY DEGREE (The University of Winnipeg and CancerCare Manitoba (CCMB))

The University of Winnipeg offers an integrated BSc degree/diploma program in Radiation Therapy in cooperation with CancerCare Manitoba (CCMB). This program provides students with the opportunity to develop theoretical knowledge and to practice and apply skills required as a Radiation Therapist. Radiation Therapists work as members of a health care team delivering integrated care, mainly to patients with cancer. They are responsible for developing treatment plans and for the operation of CT simulators, treatment machines and other related equipment. They develop and maintain patient treatment data, interpret treatment plans, administer prescribed treatment, and provide information and supportive care to patients and their families. Students normally attend The University of Winnipeg in year one and then apply to enter year two of the program. Year two is at the CancerCare Manitoba location only, with years three and four being blended between the two partners. The joint program leads to a Bachelor of Science degree (4-year) from The University of Winnipeg. This is a limited enrollment program with eight or fewer students being accepted into year two of the program each year. **Details of the program may be found in the Radiation Therapy section of the calendar.**

APPLIED STUDIES IN A 4-YEAR BACHELOR OF BUSINESS ADMINISTRATION DEGREE

4-YEAR DEGREE Business and Administration (The University of Winnipeg and Red River College)

The University of Winnipeg offers a Bachelor of Business Administration program that draws on the strengths of the Diploma in Business Administration at Red River College. Graduates from RRC receive transfer credit towards completion of a 4-Year Bachelor of Business Administration from The University of Winnipeg.

This program combines specific practical training with the leading edge business education. Students are admitted to the program at the University of Winnipeg after completion of the RRC diploma. They enrol at The University of Winnipeg for the final two and a half years of study. **Details of the program may be found in the Business and Administration section of the calendar.**

APPLIED STUDIES IN A 4-YEAR BACHELOR OF ARTS DEGREE

4-YEAR JOINT COMMUNICATIONS DEGREE/DIPLOMA (The University of Winnipeg and Red River College)

The University of Winnipeg offers a combined degree/diploma program in Communications in cooperation with Red River College. Generally, students begin at the University of Winnipeg. Many students have found it is helpful to complete all 72 credit hours at The University of Winnipeg, before they go to Red River College. Most complete at least 60 credit hours before proceeding to Red River, where they take the two-year Creative Communications Program. The final 12 credit hours of University of Winnipeg courses must be taken during these two years at Red River College if the student wishes to graduate within four years; otherwise, these credit hours may be completed before or after attending Red River College. Students are granted block transfer of 48 credit hours for their Creative Communications Diploma; they receive a BA in Communications once they have received their diploma and completed the prescribed 72 credit hours of study at the University of Winnipeg. **Details of the program may be found in the Rhetoric, Writing, and Communications section of the calendar.**

4-YEAR JOINT GEOGRAPHY/GIS DEGREE/DIPLOMA (The University of Winnipeg and Red River College)

The University of Winnipeg offers a combined degree/diploma program in Geography/Geographic Information Systems in cooperation with Red River College. The program is intended to integrate a 4-year University of Winnipeg BA in Geography with the 1-year Red River College Advanced Diploma in Geographic Information Systems, effectively compressing five years of study into four years. The program has been specifically designed to prepare students for careers in industry where practical and theoretical skills are necessary. Students are normally enrolled at The University of Winnipeg in years one, two, and four and at Red River College in year three. Students who successfully complete the entire program will receive a 4-Year BA parchment from The University of Winnipeg and an Advanced Diploma from Red River College. **Details of the program may be found in the Geography section of the calendar.**

APPLIED STUDIES IN A 4-YEAR BACHELOR OF SCIENCE DEGREE

The University of Winnipeg and Red River College have entered into an agreement to provide programs in applied studies in Biology, Chemistry, and Environmental Studies which meet the requirements of the 4-Year BSc degree. The joint degree program requires students to take courses at both institutions in a prescribed sequence. Students who successfully complete the entire program receive a joint degree parchment from The University of Winnipeg and Red River College.

APPLIED BIOLOGY

Applied Biology addresses the need for qualified biotechnologists in Manitoba. The area of study is directed towards an education in biochemistry and cellular biology. Biotechnologists must not only have the basic lab skills required for the job, but also the theoretical background to be able to expand the investigation, to troubleshoot, or to take a leadership role in the lab. These skills are greatly improved by combining the specialties of both Red River College and The University of Winnipeg. When this area of study is coupled with the liberal studies component of the program, students are assured of a flexibility that will permit success in an ever-changing job market. Graduates will find employment in such research facilities as the Freshwater Institute, the Department of Agriculture, health care, food science, the Rh lab, etc. **Details of the program may be found in the Biology section of the calendar.**

APPLIED CHEMISTRY

Applied Chemistry allows the student to develop a sound background in the fundamentals as well as the practical "hands-on" in the laboratory. The area of study is designed to make use of the resources of both The University of Winnipeg and Red River College. Examples of positions in Manitoba which use chemical laboratory skills include the pharmaceutical industry (Apotex, Cangene, Biovail); the food industry (Agra Foods International, CanAmera Foods, McCain's); agriculture (Canadian Grain Commission, Department of Agriculture); and environmental testing (Manitoba Hydro, City of Winnipeg, Freshwater Institute, Laidlaw, BFI Waste Systems, Enviro-Test Laboratories). **Details of the program may be found in the Chemistry section of the calendar.**

APPLIED ENVIRONMENTAL SCIENCE

Applied Environmental Science provides a unique opportunity in Manitoba for students to gain theoretical knowledge, applied skills, and a liberal studies background in environmental science. The 5-year program has been designed specifically to prepare students for careers in industry where practical skills, technical knowledge, critical thinking, and problem-solving skills are essential. Students take courses at both The University of Winnipeg and Red River College, completing the requirements for both a 4-year BSc degree and a 2-year diploma in 5 years. **Details of the program may be found in the Environmental Studies and Science section of the calendar.**

4-YEAR JOINT GEOGRAPHY/GIS DEGREE/DIPLOMA (The University of Winnipeg and Red River College)

The program is intended to integrate a 4-year University of Winnipeg BSc in Geography with the 1-year Red River College Advanced Diploma in Geographic Information Systems, effectively compressing five years of study into four years. The program has been specifically designed to prepare students for careers in industry where practical and theoretical skills are necessary. Students are normally enrolled at The University of Winnipeg in years one, two, and four and at Red River College in year three. Students who successfully complete the entire program will receive a 4-Year BSc parchment from The University of Winnipeg and an Advanced Diploma from Red River College. **Details of the program may be found in the Geography section of the calendar.**

ANTHROPOLOGY (ANTH)

May 15, 2018

Chair: Associate Professor S. Tulloch; Professor Emeritus: C. Meiklejohn; Associate Professors: J. Cidro, P.B. Clarkson, G. Fulford, M. Roksandic, I. Roksandic; Technician/Curators: V. McKinley, J. Schmidt

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor

INTRODUCTION

The study of Anthropology reveals the integrated patterns of social and cultural life from a cross-cultural perspective and examines the cultural and biological background of human evolution. At the University of Winnipeg, you may pursue this broad area of study within the more specific fields of Cultural Anthropology, Linguistics, Archaeology, and Biological Anthropology. For students considering a Major in Anthropology, the Department offers 3-Year, 4-Year, and 4-Year Honours BA degrees.

Anthropology provides students with academic preparation for pursuing a wide range of careers, and is especially relevant to those that apply an objective and broad-based understanding of human values and social relations. Graduates find career opportunities in numerous professional areas, including teaching, archaeological and cultural research and resource management, consulting, law and law enforcement, public service, and the health professions.

REQUIREMENTS FOR A 3-YEAR BA IN ANTHROPOLOGY

ADMISSION REQUIREMENT Students must consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 30 credit hours/Maximum 48 credit hours in the Major subject.
Double Major:	30 credit hours in Anthropology and specified number of credit hours as determined by the other department/program.
Combined Major:	Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Required courses:

ANTH-1001(6) Introductory Anthropology or **ANTH-1002(3)** Introductory Cultural Anthropology and Linguistics plus **ANTH-1003(3)** Introductory Biological Anthropology and Archaeology. In addition, students are required to take a minimum of 6 credit hours in courses in each of three out of four subject areas, for a total of at least 18 credit hours. Subject areas include: Cultural Anthropology (Area II), Archaeology (Area III), Biological Anthropology (Area IV), and Linguistic Anthropology (Area V). Of these, a minimum of 9 credit hours must be from three of the following:
ANTH-2100(3) Method and Theory in Cultural Anthropology
ANTH-2200(3) Method and Theory in Archaeology
ANTH-2300(3) Method and Theory in Biological Anthropology
ANTH-2400(3) Method and Theory in Linguistic Anthropology

Students are advised that a 3-Year BA is not normally sufficient for admission to graduate studies.

SUGGESTED PATTERN OF STUDY TO MEET MINIMUM REQUIREMENTS

Year 1: **ANTH-1001(6)** Introductory Anthropology or **ANTH-1002(3)** Introductory Cultural Anthropology and Linguistics plus **ANTH-1003(3)** Introductory Biological Anthropology and Archaeology

Year 2: 12 credit hours in Anthropology; 3 credit hours may be at the 4000 level and 3 credit hours may be at the 3000 level
Year 3: 12 credit hours in Anthropology

REQUIREMENTS FOR A 4-YEAR BA IN ANTHROPOLOGY

ADMISSION REQUIREMENT Minimum 30 credit hours completed previously. Students must consult with the Departmental Advisor in selecting Major and ancillary courses.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 66 credit hours in the Major subject.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program.
Combined Major:	Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Required courses:

ANTH-1001(6) Introductory Anthropology or **ANTH-1002(3)** Introductory Cultural Anthropology and Linguistics plus **ANTH-1003(3)** Introductory Biological Anthropology and Archaeology. In addition, students are required to take a minimum of 6 credit hours in courses in each of three out of four subject areas, for a total of at least 18 credit hours. Subject areas include: Cultural Anthropology (Area II), Archaeology (Area III), Biological Anthropology (Area IV), and Linguistic Anthropology (Area V). Of these, a minimum of 9 credit hours must be from three of the following:
ANTH-2100(3) Method and Theory in Cultural Anthropology
ANTH-2200(3) Method and Theory in Archaeology
ANTH-2300(3) Method and Theory in Biological Anthropology
ANTH-2400(3) Method and Theory in Linguistic Anthropology

SUGGESTED PATTERN OF STUDY TO MEET MINIMUM REQUIREMENTS

Year 1: **ANTH-1001(6)** Introductory Anthropology or **ANTH-1002(3)** Introductory Cultural Anthropology and Linguistics plus **ANTH-1003(3)** Introductory Biological Anthropology and Archaeology
Year 2: 12 credit hours in Anthropology; 3 credit hours may be at the 4000 level and 3 credit hours may be at the 3000 level
Year 3: 18 credit hours in Anthropology including minimum 6 credit hours at the 4000 level and 6 credit hours at the 3000 level
Year 4: 12 credit hours in Anthropology including minimum 6 credit hours at the 4000 level and 6 credit hours at the 3000 level

REQUIREMENTS FOR AN HONOURS BA IN ANTHROPOLOGY

ADMISSION REQUIREMENT

Students must have completed a minimum of 30 credit hours.
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in non-Honours Subject courses.
The minimum 3.0 GPA (B) is based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.5 GPA (C+) in all non-Honours Subject courses is calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade is used).

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours**,** including a minimum of 18 credit hours at the upper level (3000/4000) of which a minimum of 9 credit hours must be at 4000 level**.**

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.

Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENTS

Single Honours:	Minimum 54 credit hours/ Maximum 78 credit hours in the Honours subject. Minimum 30 credit hours in upper-level (3000/4000) Honours Subject courses of which a minimum of 15 credit hours must be at the 4000 level.
Double Honours:	Minimum 36 credit hours in each Honours subject. Minimum 24 credit hours at the upper level (3000/4000) in the Anthropology component of the double Honours of which a minimum of 15 credit hours must be at the 4000 level. For the requirements of the other Honours subject consult the department involved.

Required courses:

ANTH-1001(6) Introductory Anthropology or **ANTH-1002(3)** Introductory Cultural Anthropology and Linguistics plus **ANTH-1003(3)** Introductory Biological Anthropology and Archaeology. In addition, students are required to take a minimum of 6 credit hours in courses in each of three out of four subject areas, for a total of at least 18 credit hours. Subject areas include: Cultural Anthropology (Area II), Archaeology (Area III), Biological Anthropology (Area IV), and Linguistic Anthropology (Area V). Of these, a minimum of 9 credit hours must be from three of the following:
ANTH-2100(3) Method and Theory in Cultural Anthropology
ANTH-2200(3) Method and Theory in Archaeology
ANTH-2300(3) Method and Theory in Biological Anthropology
ANTH-2400(3) Method and Theory in Linguistic Anthropology
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SUGGESTED PATTERN OF STUDY TO MEET MINIMUM REQUIREMENTS

Year 1: **ANTH-1001(6)** Introductory Anthropology or **ANTH-1002(3)** Introductory Cultural Anthropology and Linguistics plus **ANTH-1003(3)** Introductory Biological Anthropology and Archaeology
Year 2: 12 credit hours in Anthropology; 3 credit hours may be at the 4000 level and 3 credit hours may be at the 3000 level
Year 3: 18 credit hours in Anthropology including minimum 6 credit hours at the 4000 level and 6 credit hours at the 3000 level
Year 4: 18 credit hours in Anthropology including minimum 12 credit hours at the 4000 level and 6 credit hours at the 3000 level

REQUIREMENTS FOR A MINOR IN ANTHROPOLOGY

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000 level.
Residence requirement:	Minimum 12 credit hours in the Minor subject.
Required courses:	6 credit hours at the 1000 level: ANTH-1001(6) Introduction to Anthropology or both ANTH-1002(3) Introductory Cultural Anthropology and ANTH-1003(3) Introductory Biological Anthropology and Archaeology 9 credit hours at the 2000 level from the following requirements: ANTH-2100(3) Method and Theory in Cultural Anthropology and two of the following: ANTH-2200(3) Method and Theory in Archaeology ANTH-2300(3) Method and Theory in Biological Anthropology ANTH-2400(3) Method and Theory in Linguistic Anthropology 3 credit hours at the 3000 level from the following courses: ANTH-3133(3) Public Anthropology ANTH-3113/4113(3) Indigenous Peoples of Central Canada ANTH-3125/4125(3) Ethnographic Research Methods
Restrictions:	Students cannot declare the same subject as a Major and as a Minor

GENERAL INFORMATION

Prerequisites

The following courses are available to students without the prerequisite of **ANTH-1001(6)** Introductory Anthropology, or its equivalent 3 credit hour courses; **ANTH-2103(3)** Ethnography of North American First Peoples; **ANTH-2108(3)** Myth, Magic, and Shamanism; **ANTH-2202(3)** Archaeology of North America; **ANTH-2210(6)** Rise of New World Civilization; **ANTH-2211(3)** Rise of Old World Civilization; **ANTH-2215(3)** World Prehistory; **ANTH-2221(3)** Archaeology of the Holy Lands; **ANTH-2214(3)** and **ANTH-2220(6)** Archaeological Field School; **ANTH-2304(3)** Introduction to Forensic Anthropology; **ANTH-2401(3)** Phonetics and Phonology; **ANTH-2402(3)** Morphology; **ANTH-2403(3)** Syntax; **ANTH-2404(3)** Languages of the World; **ANTH-2405(3)** Semantics; **ANTH-3120(3)** Indigenous Peoples of Arctic Canada; **ANTH-3126(6)** Material Culture in the History of the Indigenous Peoples of Canada; **ANTH-3127(3)** History of the Indigenous Peoples of the Northern Plains; **ANTH-3132(3)** History of the Iroquoian Peoples**;** **ANTH-3128(3)** History of Eastern and Subarctic Algonquian Peoples; **ANTH-3220(3)** Archaeoastronomy of the Americas; ANTH-**3260(3)** Classical Archaeology; **ANTH-4105(6)** Aboriginals and Newcomers in Encounter: selected topics.

Graduate Studies

Students considering advanced training are advised to consult with a member of the Anthropology Department.

4000-Level Courses: Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses). Permission of Department is required for each 4000-level course.

COURSE LISTINGS

The Department of Anthropology has organized its courses into four areas of specialization. These divisions are provided as guidelines to the areas of study available for concentration:

Area I	General Category
Area II	Cultural Anthropology
Area III	Archaeology
Area IV	Biological Anthropology
Area V	Linguistic Anthropology

Students should use WebAdvisor or consult the timetable on the website for the courses to be offered in an upcoming Term.

AREA I
GENERAL CATEGORY

Note: Students should note that taking **ANTH-1002(3)** and **ANTH-1003(3)** is equivalent to taking **ANTH-1001(6)** and provides the same credit. If only **ANTH-1002(3)** is taken, this provides a prerequisite for Cultural Anthropology and Linguistic Anthropology courses and similarly, if only **ANTH-1003(3)** is taken this provides the prerequisite for Biological Anthropology and Archaeology courses.

ANTH-1001(6)	Introductory Anthropology
ANTH-1002(3)	Introductory Cultural Anthropology and Linguistics
ANTH-1003(3)	Introductory Biological Anthropology and Archaeology
ANTH-1005(3)	Introductory Cultural Anthropology and Linguistics – Indigenous Focus
ANTH-4001(3)	Directed Readings/ Research in Anthropology
ANTH-4001(6)	Directed Readings/ Research in Anthropology
ANTH-4011(6)	Anthropology Honours Thesis
ANTH-4024(3)	Bicultural Diversity Conservation

AREA II
CULTURAL ANTHROPOLOGY

Note: Either **ANTH-1002(3) (or 1005[3])** or **ANTH-1001(6)** provides a prerequisite for Cultural Anthropology courses. **ANTH-1003(3)** alone, however, is not an acceptable prerequisite for Cultural Anthropology courses.

ANTH-2100(3)	Method and Theory in Cultural Anthropology
ANTH-2103(3)	Ethnography of North American First Peoples
ANTH-2108(3)	Myth, Magic, and Shamanism
ANTH-2116(3)	Visual Anthropology
ANTH-2119(3)	Medical Anthropology
ANTH-2121(3)	Traditional Japanese Cultural
ANTH-2122(3)	Applied Anthropology
ANTH-2160(3)	Indigenous People and the Industrial State
ANTH-3100/ 4100(3)	History of Anthropology
ANTH-3103(3)	Applied Anthropology
ANTH-3113/ 4113(3)	Indigenous Peoples of Central Canada
ANTH-3116/ 4116(3)	Symbolic Anthropology
ANTH-3117/ 4117(3)	Ethnohistoric Methods and Theory
ANTH-3120(3)	Indigenous Peoples of Arctic Canada
ANTH-3125/ 4125(3)	Ethnographic Research Methods
ANTH-3126(6)	Material Culture in the History of the Indigenous Peoples of Canada
ANTH-3127(3)	Indigenous Peoples of the Northern Plains
ANTH-3128(3)	History of Eastern and Subarctic Algonquian Peoples
ANTH-3132(3)	History of the Iroquoian Peoples
ANTH-3133(3)	Public Anthropology
ANTH-3134(3)	Anthropology of Food
ANTH-3160(3)	Cultural Perspectives on Global Processes
ANTH-3170(3)	Ethnoecology as a Research Approach
ANTH-4102(6)	Problems in Cultural Anthropology
ANTH-4105(6)	Aboriginals and Newcomers in Encounter: Selected Topics
ANTH-4145(3)	Urban Aboriginal Seminar

Note: The attention of students is directed to the following courses that are directly complementary to the program in Cultural Anthropology:

HIST-2509(6) History of the Native Peoples of Canada
HIST-2700(6) History of Africa
HIST-2901(6) History of Technology
Other courses relating to the nature of culture and cultural behaviour can be found in the Departments of Religious Studies and Sociology.

EXPERIMENTAL COURSE(S)
ANTH-3124/4124(03) Ethnographic Filmmaking
ANTH-3262(3) Health in Antiquity

AREA III
ARCHAEOLOGY

Note: Either **ANTH-1003(3)** or **ANTH-1001(6)** fulfils the prerequisite for most Archaeology and Biological Anthropology courses. **ANTH-1002(3)** alone, however, does not.

ANTH-2200(3) Method and Theory in Archaeology
ANTH-2202(3) Archaeology of North America
ANTH-2210(3) Rise of New World Civilization
ANTH-2211(3) Rise of Old World Civilization
ANTH-2214(3) Archaeological Field School
ANTH 2215(3) World Prehistory
ANTH-2220(6) Archaeological Field School
ANTH-2221(3) Archaeology of the Ancient Near East
ANTH-3203(6) Archaeological Field School
ANTH-3204/4204(3) Issues in Prehistoric Archaeology
ANTH-3206/4206(3) The Origins of Human Culture
ANTH-3207(3) Zooarchaeology
ANTH-3209/4209(3) Archaeology of Gender
ANTH-3210(3) Archaeological Laboratory Methods
ANTH-3213(3)/4213(3) Advanced Archaeological Theory
ANTH-3260(3) Classical Archaeology
ANTH-4200(3) Archaeological Problems
ANTH-4212(3) Advanced Zooarchaeology
ANTH-4230(6) Paleoanthropology/Paleolithic Archaeology Field School

Note: The attention of students is directed to the following disciplines that are directly complementary to the programs in Archaeology: Classics, Physical Geography and History.

AREA IV
BIOLOGICAL ANTHROPOLOGY

Note: Either **ANTH-1003(3)** or **ANTH-1001(6)** fulfils the prerequisite for most Biological Anthropology and Archaeology courses. **ANTH-1002(3)** alone, however, does not.

ANTH-2300(3) Methods and Theory in Biological Anthropology
ANTH-2304(3) Introduction to Forensic Anthropology
ANTH-3306(3) Human Osteology
ANTH-3207(3) Zooarchaeology
ANTH-3308/4308(3) Human Evolution
ANTH-3310/4310(3) The Race Concept in Physical Anthropology
ANTH-4212(3) Advanced Zooarchaeology
ANTH-4305(3) Problems in Biological Anthropology
ANTH-4307(3) Advanced Human Osteology
ANTH-4311(3) Human Paleopathology
Note: The attention of students is directed to the following disciplines that are directly complementary to the program in Biological Anthropology: Biology and Physical Geography.

AREA V
LINGUISTIC ANTHROPOLOGY

Note: Either **ANTH-1002(3)** or **ANTH-1001(6)** provides a prerequisite for most Linguistic Anthropology courses. **ANTH-1003(3)** alone, however, is not an acceptable prerequisite for Linguistic Anthropology courses.

ANTH-2400(3)	Method and Theory in Linguistic Anthropology
ANTH-2401(3)	Phonetics and Phonology
ANTH-2402(3)	Morphology
ANTH-2403(3)	Syntax
ANTH-2404(3)	Languages of the World
ANTH-2405(3)	Semantics
ANTH-2406(3)	Language and Culture
ANTH-3400/ 4400(3)	Language Typology
ANTH-3405(3)	Textual Analysis
ANTH-3406/ 4406(3)	Comparative Indo-European Linguistics and Mythology
ANTH-3407(3)	Registers of Our Daily Life
ANTH-3408(3)	Sociolinguistics
ANTH-4401(3)	Semiotics and Structuralism
ANTH-4402(3)	Contemporary Linguistic Theory
ANTH-4403(3)	History of Linguistics

EXPERIMENTAL COURSE

ANTH-3411/4411(3)	Indigenous Languages of South America

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs are available in one large PDF called “All Course Descriptions.” This PDF can be found in the Academic Calendar section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

APPLIED COMPUTER SCIENCE (ACS)

March 9, 2018

Chair: Professor S. Liao; Professors: Y. Chen, S. Ramanna; Associate Professor:, S. Camorlinga; C. Henry; Assistant Professor: R. McFadyen; Instructors: J. Deng, E. Kaluzniacky, D.Tenjo

http://www.acs.uwinnipeg.ca

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
3-Year BA (Information Systems Stream)
3-Year BA (Health Informatics Stream)

3-Year BSc
4-Year BSc
3-Year BSc (Information Systems Stream)
3-Year BSc (Health Informatics Stream)
4-Year BSc (Scientific Computing Stream)
Honours BSc

Minor

Master of Science (MSc) – More information can be found in the *Graduate Studies Academic Calendar.*

INTRODUCTION

The Applied Computer Science major is designed to prepare students in the following core areas: Programming Fundamentals (object-oriented, event driven, algorithms), Information Management (database systems, data modeling, data warehousing, relational databases, query languages), Software Engineering (software requirements and design, software process, software project management), Operating Systems, Net-Centric Computing (internet programming, networks, security), Human Computer Interaction (GUI Design and Programming), Intelligent Systems (Machine Learning).

Our team-oriented courses are meant to strengthen communication skills, experience group dynamics, and foster self-confidence. The 4-year major includes the development of a team-based software project for a local IT organization. Our program will help develop analytical thinking and applied skills by blending theoretical and practical aspects of computer science.

The Applied Computer Science program can lead to a Bachelor of Science (3-year, 4-year, or Honours) or a Bachelor of Arts (3-year or 4-year). This major is focused in theories, professionalism, and fundamental computing knowledge. We recommend the four-year degree programs due to the greater depth of study. Additionally, there are three streams: Information Systems, Health Informatics, and Scientific Computing. The Applied Computer Science major is designed to provide an excellent basis for graduate studies in either computer science or applied computing.

The **Information Systems stream** leads to a Bachelor of Science (3-year) or a Bachelor of Arts (3-year). The Information Systems (IS) stream is aimed at students interested in focusing on information and business needs of IT industry. The stream is intended to prepare students in information oriented courses, and also in system and internet based technologies.

The **Health Informatics stream** leads to a Bachelor of Science (3-year) or a Bachelor of Arts (3-year). The Health Informatics (HI) stream provides students with more focused courses in Health information needs, infrastructure, standards, and jurisdiction. The HI stream complements offerings of the ACS department, and gives students flexibility of combining all three areas of IT, Business, and Health.

The **Scientific Computing stream** leads to a Bachelor of Science (4-year). The Scientific Computing stream (SC) stream provides a scientific foundation for applied science industries. The goal of this stream is to provide a mechanism for students to pursue the sciences as part of their studies in Applied Computer Science. The stream also positions students for success in computer science graduate studies.

Students pursuing a 3-year or 4-year BSc in Applied Computer Science, including the IS, HI, and SC Streams, have the opportunity to take a **Business Stream (**see the “Science with a Business Stream” section of this Course Calendar**).**

The Applied Computer Science program is designed to provide an excellent basis for graduate studies in computer science, information sciences, or interdisciplinary areas such as Biostatistics.

The Department offers a **Masters Degree in Applied Computer Science and Society.**

REQUIREMENTS FOR A 3-YEAR BA/BSc IN APPLIED COMPUTER SCIENCE

ADMISSION REQUIREMENT Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science for BA 18 credit hours in Science for BSc
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 36 credit hours/Maximum 48 credit hours in the Major subject. Major courses are those in Required Courses and Electives.
Double Major:	36 credit hours in ACS, plus number of credit hours specified by other Major subject or program

Required courses:

MATH-xxxx(3) 3 credit hours from Mathematics

Except:

- MATH-2902 Math Prior to 1640
- MATH-2901 History of Calculus
- MATH-2903 Math for Early/Middle Years Teachers I
- MATH-2904 Math for Early/Middle Years Teachers II

STAT-xxxx(3) 3 credit hours from Statistics

6 credit hours: a) or b) below:

a)

ACS-1903(3) Programming Fundamentals I **and**
ACS-1904(3) Programming Fundamentals II

b)

ACS-1905(3) Programming Fundamentals **and** one of the courses at 2000 level or above from the electives listed below.
ACS-2906(3) Computer Architecture and System Software
ACS-2909(3) Internet Programming
ACS-2913(3) Software Requirements Analysis and Design
ACS-2814(3) Applications of Database Systems

One of the following three courses:
ACS-3909(3) Advanced Internet Programming
ACS-3911(3) Computer Networks
ACS-3931(3) Principles of Operating Systems

ACS-2947(3) Data Structures and Algorithms
ACS-3902(3) Database Systems
ACS-3913(3) Software Design and Architecture

Electives: Students wishing to take further courses towards the General degree with the Applied Computer Science Major should take up to 12 credit hours from the following:

ACS-1803(3)	Introduction to Information Systems
ACS-2102(3)	Scientific Computing
ACS-2816(3)	Health Information Systems
ACS-2916(3)	Business Application Systems
ACS-2941(3)	Unix
ACS-3901(3)	Principles of Software Project Management
ACS-3907(3)	eCommerce
ACS-3916(3)	Human Computer Interaction
ACS-3921(3) / 4921(3)	Computer Security and Privacy
ACS-3923(3)	Technical Communication in ICT Professions
ACS-3930(3)	Topics in Applied Computer Science
ACS-3941(3)	Implementation Issues in Object Oriented Languages
ACS-3947(3)	Algorithm Design
ACS-4904(3)	Data Warehousing
ACS-4953(3)	Introduction to Machine Learning
BUS-2002(3)	Introduction to Financial Accounting

Combined Major: Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject.

Required courses:

ACS-1903(3)	Programming Fundamentals I
ACS-1904(3)	Programming Fundamentals II
ACS-2814(3)	Application of Database Systems
ACS-2909(3)	Internet Programming
ACS-2913(3)	Software Requirements Analysis and Design

Additional Information:
Students are strongly advised to take more than 36 credit hours in Applied Computer Science.
Students who wish to strengthen their business background are advised to take courses in Administrative Studies.

Red River College

The Department of Applied Computer Science welcomes the transfer of Red River College students into the 3-Year Applied Computer Science program. The University of Winnipeg will grant a total of 30 credit hours in transfer credits to Red River College students who have successfully completed the Computer Analyst/Programmer (CAP) or the Information Systems Technology (IST) 2-year Diploma programs with an average of C+ (2.5 GPA) or better. These credits can be applied to either a Science or an Arts degree. Further details regarding the transfer of credits and course requirements are available from the Department of Applied Computer Science or from Student Services at the University of Winnipeg. Those who wish to pursue a 4-year major need to consult the Chair of the department.

REQUIREMENTS FOR A 3-YEAR BA/BSc (INFORMATION SYSTEMS STREAM)

ADMISSION REQUIREMENT Essential/Consumer Math, Pre-Calculus Math 40s or Applied Math 40s.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science for BA 18 credit hours in Science for BSc
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 36 credit hours/Maximum 48 credit hours in the Major subject. Major courses are those in Required Courses and Electives.
Double Major:	30 or 36 credit hours in each Major subject or program, as specified.

Required courses:

Year 1 courses: 9 credit hours
ACS-1803(3) Introduction to Information Systems
6 credit hours: a), b), or c) below:
a)
ACS-1805(3) Introduction to Programming **and**
ACS-1903(3) Programming Fundamentals I
b)
ACS-1903(3) Programming Fundamentals I **and**
ACS-1904(3) Programming Fundamentals II
c)
ACS-1905(3) Programming Fundamentals **and** one of the ACS courses at 2000 level or above

Year 2 courses: 12 credit hours
ACS-2814(3) Applications of Database Systems
ACS-2909(3) Internet Programming
ACS-2913(3) Software Requirements Analysis and Design
ACS-2916(3) Business Application Systems

Year 3 courses: 15 credit hours
ACS-3916(3) Human Computer Interaction
ACS-3907(3) eCommerce

One of the following two courses:
ACS-3801(3) Principles in Information Systems
ACS-3901(3) Principles of Software Project Management

One of the following two courses:
ACS-3909(3) Advanced Internet Programming
ACS-3911(3) Computer Networks

One of the following three courses:
ACS-3923(3) Technical Communication in ICT Professions
ACS-3830(3) Topics in Information Systems
ACS-3902(3) Database Systems

Electives: Students wishing to take further ACS courses towards the General degree with the Information Systems stream may take a maximum of 12 credit hours from the following:
ACS-2816(3) Health Information Systems
ACS-2941(3) Unix
ACS-3830(3) Topics in Information Systems
ACS-3902(3) Database Systems
ACS-3913(3) Software Design and Architecture

Additional Electives: The following courses may also be of interest to students in this program:

Business and Administration
- **BUS-1201(3)** Introduction to Business I
- **BUS-1202(3)** Introduction to Business II
- **BUS-2002(3)** Fundamentals of Financial Accounting
- **BUS-2003(3)** Introduction to Managerial Accounting
- **BUS-2103(3)** Fundamentals of Organizational Behaviour
- **BUS-2210(3)** Fundamentals of Marketing
- **BUS-2501(3)** Fundamentals of Production and Operational Management

Economics
- **ECON-1104(3)** Introduction to Economic Theory

Mathematics and Statistics
- **MATH-1102(3)** Basic Calculus
- **MATH-1201(3)** Linear Algebra I
- **MATH-1401(3)** Discrete Mathematics
- **STAT-xxxx(3)** any course in Statistics

Conflict Resolution Studies
- **CRS-1200(6)** Introduction to Conflict Resolution Studies
- **CRS-2210(3)** Conflict Theory and Analysis

REQUIREMENTS FOR A 3-YEAR BA/BSc (HEALTH INFORMATICS STREAM)

ADMISSION REQUIREMENT Essential/Consumer Math, Pre-Calculus Math 40s or Applied Math 40s

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science for BA 18 credit hours in Science for BSc
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 36 credit hours/Maximum 48 credit hours in the Major subject. Major courses are those in Required Courses and Electives.
Double Major:	30 or 36 credit hours in each Major subject or program, as specified.

Required courses:

Year 1 courses: 12 credit hours
- **ACS-1803(3)** Introduction to Information Systems

6 credit hours: a), b) or c) below:

a)
- **ACS-1805(3)** Introduction to Programming **and**
- **ACS-1903(3)** Programming Fundamentals I

b)
- **ACS-1903(3)** Programming Fundamentals I **and**
- **ACS-1904(3)** Programming Fundamentals II

c)
- **ACS-1905(3)** Programming Fundamentals **and**

One of the ACS courses at 2000 level or above
- **ACS-1809(3)** Web Design and Development

Year 2 courses: 12 credit hours
- **ACS-2814(3)** Applications of Database Systems
- **ACS-2816(3)** Health Information Systems
- **ACS-2909(3)** Internet Programming
- **ACS-2913(3)** Software Requirements Analysis and Design

Year 3 courses: 12 credit hours
- **ACS-3916(3)** Human Computer Interaction

One of the following two courses:
- **ACS-3801(3)** Principles in Information Systems (Health Centric)
- **ACS-3901(3)** Principles of Software Project Management

One of the following two courses:
- **ACS-3700(3)** Health Informatics Practicum
- **ACS-3830(3)** Topics in Information Systems (Health Centric)

One of the following two courses:
- **ACS-3923(3)** Technical Communication in ICT Professions
- **ACS-3902(3)** Database Systems

Electives: Students wishing to take further ACS courses towards the General degree with the Health Information Systems stream may take a maximum of 12 credit hours from the following. Please note that some of these courses may have additional prerequisites.
- **ACS-2916(3)** Business Application Systems
- **ACS-2941(3)** UNIX
- **ACS-3902(3)** DataBase Systems
- **ACS-3907(3)** eCommerce

ACS-3909(3) Advanced Internet Programming
ACS-3911(3) Computer Networks
ACS-3913(3) Software Design and Architecture

Additional Electives: The following courses may also be of interest to students in this program:

Business and Administration
BUS-2002(3) Fundamentals of Financial Accounting
BUS-2003(3) Introduction to Managerial Accounting
BUS-2103(3) Fundamentals of Organizational Behaviour
BUS-2210(3) Fundamentals of Marketing
BUS-2501(3) Fundamentals of Production and Operational Management

Economics
ECON-1104(3) Introduction to Economic Theory

Geography
GEOG-1102(3) Introductory Human Geography – People, culture and environment
GEOG-1103(3) Introductory Human Geography II: – Population , Place and Development
GEOG-2431(3) Population Geography
GEOG-3431(3) Health Geography

Kinesiology
KIN-2304(3) Scientific Principles of Fitness and Conditioning
KIN-2501(3) Nutrition for Health and Wellness

Psychology
PSYC-2700(3) Introduction to Clinical Psychology

Sociology
SOC-2125(3) Introduction to Research Design and Qualitative Research

Statistics
STAT-1501(3) Elementary Biological Statistics I

Conflict Resolution Studies
CRS-1200(6) Introduction to Conflict Resolution Studies
CRS-2210(3) Conflict Theory and Analysis

REQUIREMENTS FOR A 4-YEAR BA IN APPLIED COMPUTER SCIENCE

ADMISSION REQUIREMENT Students must consult with the Department 4-Year Advisor in planning their studies. Students must have minimum 30 credit hours completed previously.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours
Science: 6 credit hours
Social Science: 12 credit hours
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 57 credit hours/Maximum 66 credit hours.
Major courses are those listed in Groups I and II in below.
Cognates: Minimum of 18 credit hours, maximum of 36 credit hours from Group III.
Maximum total of cognate and major courses is 84 credit hours combined.
Required/Electives courses: Group I. See the 4-Year BSc Requirements.
Group II. See the 4-year BSc Requirements.
Group III. A total of 18 credit hours must be chosen from at most three departments that offer a BA. Of these, 6 credits must be at least at the 2000 level or above. You are strongly advised to consult the Chair or the 4-Year Advisor prior to taking any Group III courses.

Combined Major: Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.

Prescribed courses:
ACS-1903(3) Programming Fundamentals I
ACS-1904(3) Programming Fundamentals II
ACS-2814(3) Applications of Database Systems
ACS-2909(3) Internet Programming
ACS-2913(3) Software Requirements Analysis and Design

REQUIREMENTS FOR A 4-YEAR BSc IN APPLIED COMPUTER SCIENCE

ADMISSION REQUIREMENT Students must consult with the Department 4-Year Advisor in planning their studies. Students must have minimum 30 credit hours completed previously.

GRADUATION REQUIREMENT 120 credit hours, that is, 90 credit hours meeting the requirements for the BA or BSc General plus 30 credit hours of additional credit hours.

RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours
Science: 6 credit hours
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major: Minimum 57 credit hours/Maximum 78 credit hours.
Major courses are those listed in Groups I and II below.
18 credit hours in Group III.

Required courses:

Group I:

MATH-xxxx(3) 3 credit hours from Mathematics
Except:

- MATH-2902 Math Prior to 1640
- MATH-2901 History of Calculus
- MATH-2903 Math for Early/Middle Years Teachers I
- MATH-2904 Math for Early/Middle Years Teachers II

STAT-xxxx(3) 3 credit hours from Statistics

6 credit hours: a) or b) below:

a)

ACS-1903(3) Programming Fundamentals I **and**
ACS-1904(3) Programming Fundamentals II

b)

ACS-1905(3) Programming Fundamentals **and** one of the courses at 2000 level or above from the Group II electives.

ACS-2814(3) Applications of Database Sysetms
ACS-2906(3) Computer Architecture and System Software
ACS-2909(3) Internet Programming
ACS-2913(3) Software Requirements Analysis and Design
ACS-2947(3) Data Structures and Algorithms
ACS-3901(3) Principles of Software Project Management
ACS-3902(3) Database Systems

One of the following three courses:

ACS-3909(3) Advanced Internet Programming
ACS-3911(3) Computer Networks
ACS-3931(3) Principles of Operating Systems

ACS-3913(3) Software Design and Architecture
ACS-3916(3) Human Computer Interaction
ACS-4901(6) Senior Systems Development Project

Select 9 credits from the following list:

ACS-3921(3) / 4921(3) Computer Security and Privacy
ACS-4306(3) Applied Parallel Computing
ACS-4902(3) Advanced Database Systems

One of the following two courses:

ACS-4904(3) Data Warehousing
ACS-4906(3) Conceptual Modelling

ACS-4953(3) Introduction to Machine Learning
ACS-4954(3) Introduction to Distributed Systems

Group II Electives: Students wishing to take further courses towards the 4-Year Degree should take up to 21 credit hours from the following:

MATH-1201(3) Linear Algebra 1
ACS-1803(3) Introduction to Information Systems
ACS-1805(3) Introduction to Programming
ACS-2816(3) Health Information Systems
ACS-2916(3) Business Application Systems
ACS-2941(3) Unix
ACS-3907(3) eCommerce
ACS-3921(3) / 4921(3) Computer Security and Privacy
ACS-3923(3) Technical Communication in ICT Professions
ACS-3930(3) Topics in Applied Computer Science
ACS-3941(3) Implementation Issues in Object-Oriented Languages
ACS-3947(3) Algorithm Design
ACS-4930(6) Research Project in Applied Computer Science
ACS-4931(3) Research Project in Applied Computer Science

Group III Other Courses: A total of 18 credit hours must be chosen from at most three of the following departments: Business and Administration, Biology, Chemistry, Geography, Physics, Mathematics and Statistics. Of these, 6 credits must be at least at the 2000 level or above. You are strongly advised to consult the Chair or the 4-Year Advisor prior to taking any Group III courses.

Additional Courses:

- Students wishing to take further courses towards the 4-Year degree may select additional Applied Computer Science courses not already taken from Group II listed above.
- Students are encouraged to take more than 57 credit hours in Applied Computer Science.
- Students wishing to take ACS-2916(3) Business Application Systems must complete ACS-1803(3).
- Students wishing to take ACS-4954(3) Introduction to Distributed Systems are encouraged to take ACS-2941(3) or ACS-2951(3).
- Students wishing to pursue the 4-Year degree must consult with the Chair of Applied Computer Science and complete a 4-Year declaration form before registering for their eleventh course (63rd credit hour).

Combined Major: Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.

Prescribed courses:

ACS-1903(3) Programming Fundamentals I
ACS-1904(3) Programming Fundamentals II
ACS-2814(3) Applications of Database Systems
ACS-2909(3) Internet Programming
ACS-2913(3) Software Requirements Analysis and Design

REQUIREMENTS FOR A 4-YEAR BSc (SCIENTIFIC COMPUTING STREAM)

ADMISSION REQUIREMENT Students must consult with the Department 4-Year Advisor in planning their studies. Students must have minimum 30 credit hours completed previously.

GRADUATION REQUIREMENT 120 credit hours, that is, 90 credit hours meeting the requirements for the BA or BSc General plus 30 credit hours of additional credit hours.

RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours
Science: 6 credit hours
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major: Minimum 57 credit hours/Maximum 78 credit hours.
Major courses are those listed in Groups I and II below.
18 credit hours in Group III.

Required courses:

Group I. See the 4-year BSc in Applied Computer Science
Group II. See the 4-year BSc in Applied Computer Science

Group III Other Courses:

A total of 18 credit hours (that fulfill the University's Science Requirement as listed in the Degree and Majors Requirements section of the Calendar) must be chosen from at most three departments from the Faculty of Science, not including the Applied Computer Science Department. Of these, 6 credits must be at least at the 2000 level or above. You are strongly advised to consult the Chair or the 4-Year Advisor prior to taking any Group III courses. Note, these courses provide a good opportunity to pursue a minor in another department, which typically consists of 18 credit hours.

Additional Courses. See the 4-year BSc in Applied Computer Science

Combined Major: Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.

Prescribed courses:
ACS-1903(3) Programming Fundamentals I
ACS-1904(3) Programming Fundamentals II
ACS-2814(3) Applications of Database Systems
ACS-2909(3) Internet Programming
ACS-2913(3) Software Requirements Analysis and Design

REQUIREMENTS FOR THE BSc (HONOURS) IN APPLIED COMPUTER SCIENCE

ADMISSION REQUIREMENT
Students must consult with and have the approval of the Department Chair or Chair-designate in planning their studies.
Students must have completed 30 credit hours.

GRADUATION REQUIREMENT
120 credit hours.

GRADUATION GPA REQUIREMENT
To graduate with a BSc (Honours), students must have a minimum GPA of 3.0 in all major (Applied Computer Science) courses which will be calculated on all course attempts in the major, and a minimum GPA of 2.75 in all non-major courses which will be calculated as for the general degree.

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Honours: Minimum 30 credit hours, including 18 credit hours at the upper level (3000/4000) of which a minimum of 9 credit hours are at the 4000 level.

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT
Single Honours: Minimum 60 credit hours in the Major.
Minimum 30 credit hours in the courses listed in Groups I at the upper level (3000/4000) of which a minimum of 15 credit hours must be at the 4000 level.

Required courses:
Group I:
MATH-xxxx(3) 3 credit hours from Mathematics
Except:
- MATH-2902 Math Prior to 1640
- MATH-2901 History of Calculus
- MATH-2903 Math for Early/Middle Years Teachers I
- MATH-2904 Math for Early/Middle Years Teachers II

STAT-xxxx(3) 3 credit hours from Statistics
6 credit hours: a) or b) below:
a)
ACS-1903(3) Programming Fundamentals I **and**
ACS-1904(3) Programming Fundamentals II
b)
ACS-1905(3) Programming Fundamentals **and** one of the courses at 2000 level or above from the Group II electives.

ACS-2814(3) Applications and Database Systems
ACS-2906(3) Computer Architecture and System Software
ACS-2909(3) Internet Programming
ACS-2913(3) Software Requirements Analysis and Design
ACS-2947(3) Data Structures and Algorithms

Group II Electives
MATH-1201(3) Linear Algebra 1
ACS-1803(3) Introduction to Information Systems
ACS-1805(3) Introduction to Programming
ACS-2102(3) Scientific Computing I:Programming Fundamentals in C
ACS-2916(3) Business Application Systems
ACS-3901(3) Principles of Software Project Management
ACS-3902(3) Database Systems
One of the following three courses:
ACS-3909(3) Advanced Internet Programming
ACS-3911(3) Computer Networks
ACS-3931(3) Principles of Operating Systems

ACS-3913(3) Software Design and Architecture
ACS-3916(3) Human Computer Interaction
ACS-4901(6) Senior Systems Development Project

Minimum 9 credit hours selected from the following courses:
ACS-4902(3) Advanced Database Systems
One of the following two courses:
ACS-4904(3) Data Warehousing
ACS-4906(3) Conceptual Modelling

ACS-4921(3) Computer Security and Privacy
ACS-4953(3) Introduction to Machine Learning
ACS-4954(3) Introduction to Distributed Systems

ACS-2941(3) Unix
ACS-3907(3) eCommerce
ACS-3921(3) Computer Security and Privacy
ACS-3923(3) Technical Communication in ICT Professions
ACS-3930(3) Topics in Applied Computer Science
ACS-3941(3) Implementation Issues in Object-Oriented Languages
ACS-3947(3) Algorithm Design
ACS-4930(6) Research Project in Applied Computer Science
ACS-4931(3) Research Project in Applied Computer Science

Students must complete an Honours BSc degree form available at the department office.

Any additional 3 credit courses in Group I or Group II except first year courses.

REQUIREMENTS FOR A MINOR IN APPLIED COMPUTER SCIENCE

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in ACS, with a minimum of 12 credit hours above the first-year level
Residence Requirement::	Minimum 12 credit hours in ACS
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Prerequisites
Students are advised to pay attention to the prerequisites for each Applied Computer Science course when planning a program of study. Students can visit the department website for more guidance.

Prerequisites are waived only in the case of clearly demonstrated equivalent knowledge. Only the Department Chair has the authority to grant prerequisite waivers.

Admission to Applied Computer Science Courses
Students are advised that a priority admission procedure may be used in the event that enrolments in Applied Computer Science courses are limited. For all courses, previous overall academic performance may be considered. For 2000-, 3000-, and 4000-level courses, grades achieved in prerequisite courses may also be considered.
Priority for entry into **ACS-4901(6)** will be given to students who require the course for graduation in the 4-Year degree program. Only the Chair of the department has the authority to admit students to courses that are full.

Graduate Studies
Students planning to continue with graduate studies are advised to consult with the Department before entering Year 2 of their studies.

Course Substitutions
Applied Computer Science courses were formerly numbered in the **32(MATH).xxxx** series and **92/91(BUSC).xxxx**. All courses with **32(MATH).xxxx** and **92/91(BUSC).xxxx** numbers may be substituted for corresponding **ACS-xxxx** numbers in meeting degree requirements.

COURSE LISTINGS

Students should consult WebAdvisor or the Timetable on the website for courses to be offered in an upcoming term.

ACS-1453(3) Introduction to Computers
ACS-1803(3) Introduction to Information Systems
ACS-1805(3) Introduction to Programming
ACS-1809(3) Website Design and Development
ACS-1903(3) Programming Fundamentals I
ACS-1904(3) Programming Fundamentals II
ACS-1905(3) Programming Fundamentals
ACS/PHYS-2102(3) Scientific Computing **ACS/PHYS-2103(3)** Numeric and Symbolic Computing
ACS-2814(3) Applications of Database Systems
ACS-2816(3) Health Information Systems
ACS-2821(3) Information Security in Business
ACS-2906(3) Computer Architecture and System Software
ACS-2909(3) Internet Programming
ACS-2913(3) Software Requirements Analysis and Design
ACS-2916(3) Business Application Systems
ACS-2941(3) Unix
ACS-2947(3) Data Structures and Algorithms
ACS-2951(3) System Administration and Networking
ACS-3700(3) Health Informatics Practicum
ACS-3801(3) Principles in Information Systems
ACS-3916(3) Human Computer Interaction
ACS-3830(3) Topics in Information Systems
ACS-3901(3) Principles of Software Project Management
ACS-3902(3) Database Systems
ACS-3907(3) eCommerce
ACS-3909(3) Advanced Internet Programming
ACS-3911(3) Computer Networks
ACS-3913(3) Software Design and Architecture
ACS-3921(3) / 4921(3) Computer Security and Privacy
ACS-3923(3) Technical Communication in ICT Professions
ACS-3930(3) Topics in Applied Computer Science
ACS-3931(3) Principles of Operating Systems
ACS-3941(3) Implementation Issues in Object Oriented Languages
ACS-3947(3) Algorithm Design
ACS-4306(3) Applied Parallel Programming
ACS-4901(6) Senior Systems Development Project
ACS-4902(3) Advanced Database Systems
ACS-4904(3) Data Warehousing
ACS-4906(3) Conceptual Modelling
ACS-4930(6) Research Project in Applied Computer Science
ACS-4931(3) Research Project in Applied Computer Science

ACS-4953(3) Introduction to Machine Learning
ACS-4954(3) Introduction to Distributed Systems

COURSE DESCRIPTIONS

All course descriptions are available in one large PDF called “All Course Descriptions” in the Academic Calendar section of the University website: http://uwinnipeg.ca/academics/calendar/index.html

BIOANTHROPOLOGY (BANT)

Updated Feb 6, 2018

Coordinator: M. Roksandic

DEGREE/PROGRAM OFFERED

3-Year BSc
3-Year BSc (Business Stream)
4-Year BSc
4-Year BSc (Business Stream)
Minor

INTRODUCTION

This degree combines the information and methodologies of Anatomy, Anthropology, Archaeology, Biochemistry, Biology and Geography with the techniques of the physical sciences to examine human biological systems of the past and present. It is an Anthropology program which also draws on courses from the departments of Biology, Chemistry, Kinesiology, and Geography. Students in the Program will gain an understanding of comparative anatomy, cellular biology, methods in archaeology and human evolution. They will also obtain experience in up-to-date laboratory techniques and procedures. This Program offers students the option of combining experience from different fields in the Sciences and Arts to create a skill set that is interesting and unique.

The Program offers both a 90 credit hour BSc (General) and a 120 credit hour BSc Four Year. Students pursuing a 3-year or 4-year BSc have the opportunity to take a Business Stream **(**see the "Science with a Business Stream" section of this Calendar**).**

The Bioanthropology Program may lead to careers in government and hospital laboratories, forensic laboratories, museums and zoos. Graduates in the 4 Year Degree option could also pursue further studies in Anthropology and related sciences. This Program may also be of interest to students intending to go into medicine, dentistry, or other health-related fields.

REQUIREMENTS FOR A 3-YEAR BSc IN BIOANTHROPOLOGY

ADMISSION REQUIREMENT Students must meet with a Program Advisor or the Program Coordinator in planning their courses.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

MAJOR REQUIREMENT

Single Major:	Minimum 42 credit hours with 33 credit hours to be taken from required courses and 9 credit hours as dictated from listings in LIST A and LIST B, below.
Double Major:	Minimum 42 credit hours in Bioanthropology and specified number of credit hours in other Major (may vary depending on interdisciplinary courses completed as they may be able to be credited to both Majors).

Required courses:

ANTH-1001(6)	Introductory Anthropology	**BIOL-1115(3)**	Cells and Cell Processes
OR		**BIOL-1116(3)**	Evolution, Ecology and Biodiversity
[ANTH-1002(3)	Introductory Cultural Anthropology **and**	**BIOL-2301(3)**	Genetics
ANTH-1003(3)]	Introductory Biological Anthropology and Archaeology	**CHEM-1111(3)**	Introduction to the Chemical Properties of Matter
BANT-2300(3)	Method and Theory in Biological Anthropology	**CHEM-1112(3)**	Basic Principles of Chemical Reactivity
		STAT-1501(3)	Elementary Biological Statistics I

Students are required to take an additional 6 credit hours from the below courses:

ANTH-2100(3)	Method and Theory in Cultural Anthropology
ANTH-2200(3)	Method and Theory in Archaeology
ANTH-2400(3)	Method and Theory in Linguistic Anthropology

Minimum of 3 credit hours as chosen from courses in LIST A – listed on following pages
Minimum of 6 credit hours as chosen from courses in LIST A or LIST B – listed on following pages

REQUIREMENTS FOR A 4-YEAR BSc IN BIOANTHROPOLOGY

ADMISSION REQUIREMENT Students must consult with the Program Coordinator when planning their studies.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Writing	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

MAJOR REQUIREMENT

Single Major:	Minimum 69 credit hours with 33 credit hours to be taken from required courses and 36 credit hours as dictated from listings in LIST A and LIST B, below.
Double Major:	Minimum 69 credit hours in Bioanthropology and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Required courses:

ANTH-1001(6) Introductory Anthropology
OR
[**ANTH-1002(3)** Introductory Cultural Anthropology **and**
ANTH-1003(3)] Introductory Biological Anthropology and Archaeology
BANT-2300(3) Method and Theory in Biological Anthropology
BIOL-1115(3) Cells and Cell Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
BIOL-2301(3) Genetics
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
STAT-1501(3) Elementary Biological Statistics I

Students are required to take an additional 6 credit hours from the below courses:

ANTH-2100(3) Method and Theory in Cultural Anthropology
ANTH-2200(3) Method and Theory in Archaeology
ANTH-2400(3) Method and Theory in Linguistic Anthropology

Minimum of 18 credit hours as chosen from courses in LIST A – listed below

Minimum of 18 credit hours as chosen from courses in LIST B – listed below

Bioanthropology: LIST A and LIST B course listings

LIST A: Biological Anthropology courses, defined as Area IV by the Department of Anthropology in the current calendar (see below) together with any experimental courses defined by the Department of Anthropology as Biological Anthropology:

BANT-2119(3) Medical Anthropology
BANT-2304(3) Introduction to Forensic Anthropology
BANT-3206(3) Origins of Human Culture
BANT-3207(3) Zooarchaeology
BANT-3306(3) Human Osteology
BANT-3308(3)/4308(3) Human Evolution
BANT-4212(3) Advanced Zooarchaeology
BANT-4305(3) Problems in Biological Anthropology
BANT-4307(3) Advanced Human Osteology
BANT-4311(3) Human Paleopathology
BANT-4001(3) Directed Readings/Research in Anthropology
BANT-4001(6) Directed Readings/Research in Anthropology
BANT-4270(3) International Field School

LIST B: Biology, Chemistry, Geography and Kinesiology courses:

BIOL-2111(6) Comparative Chordate Zoology
BIOL-2451(3) Introduction to Animal Behaviour
BIOL-3202(3) Histology
BIOL-3221(3) Cell Biology
BIOL-3303(3) Molecular Genetics and Genomics
BIOL-3492(3) Quantitative and Theoretical Biology
BIOL-3602(3) Comparative Animal Physiology I

BiOL-3603(3) Comparative Animal Physiology II
BIOL-3562(3) Human Reproductive Biology
BIOL-3563(3) Human Embryology
BIOL-3492(3) Quantitative and Theoretical Biology
BIOL-4303(3) Population Genetics
BIOL-4331(3) Evolutionary Biology
BIOL-4501(3) Developmental Biology
BIOL-4502(3) Molecular Cell Biology
BIOL-4601(3) Ecological Animal Physiology
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function and Energetics of Biomolecules
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism
GEOG-2306(3) Introduction to Geographic Information Systems
GEOG-3219(3) Quaternary Environments
KIN-2301(3) Human Anatomy
KIN-3201(2) Biomechanics

Recommended:

Students are advised to take **GEOG-1202(3) Introductory Earth Science.**
Students considering admission to programs in the health sciences (e.g., medical school) are urged to check with the programs to which they plan to apply with respect to their requirements. In particular, such students may need to take more courses in Chemistry than are required.

REQUIREMENTS FOR A MINOR IN BIOANTHROPOLOGY

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000 level.
Residence requirement: Minimum 12 credit hours in the Minor subject.
Required courses: 6 credit hours at the 1000 level:
ANTH-1001(6) Introduction to Anthropology
or both ANTH-1002(3) Introductory Cultural Anthropology
and ANTH-1003(3) Introductory Biological Anthropology and Archaeology
6 credit hours at the 2000 level from the following requirements:
BANT-2300(3) Method and Theory in Biological Anthropology
and one of the following:
ANTH-2100(3) Method and Theory in Cultural Anthropology
ANTH-2200(3) Method and Theory in Archaeology
ANTH-2400(3) Method and Theory in Linguistic Anthropology
6 credit hours at the 3000 level from the following courses:
BANT-3306(3) Human Osteology
BANT-3308(3) Human Evolution
Restrictions: Students cannot declare the same subject as a Major and as a Minor

GENERAL INFORMATION

Prerequisites
Chemistry 40S AND either Pre-Calculus or Applied Mathematics are required for registration in **BIOL-1115(3)** Cells and Cellular Processes, **BIOL-1116(3)** Evolution, Ecology and Biodiversity, **CHEM-1111(3)** Introduction to the Chemical Properties of Matter and **CHEM-1112(3)** Basic Principles of Chemical Reactivity.

NOTE: Course Listings and Descriptions can be found under the appropriate Departmental Listings: Anthropology (02), Biology (05), Chemistry (08), Statistics (53)

Bioanthropology: Suggested Course Selection for 3-Year Degree
Year 1
ANTH-1001(6) Introductory Anthropology
BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
RHET-1103(3) Academic Writing: Science
STAT-1501(3) Elementary Biological Statistics I
6 credit hours in Humanities

Year 2
Two of the three core courses
ANTH-2100(3) Method and Theory in Cultural Anthropology
ANTH-2200(3) Method and Theory in Archaeology
ANTH-2400(3) Method and Theory in Linguistic Anthropology
BANT-2300(3) Method and Theory in Biological Anthropology
BIOL-2301(3) Genetics

3 credit hours as chosen from LIST A or LIST B above
6 credit hours in Humanities
9 credit hours of electives

Year 3
3 credit hours of Biological Anthropology electives – as chosen from LIST A above
3 credit hours as chosen from LIST A or LIST B above
21 credit hours of electives

Bioanthropology: Suggested Course Selection for 4-Year Degree
Year 1
ANTH-1001(6) Introductory Anthropology
BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
RHET-1103(3) Academic Writing: Science
STAT-1501(3) Elementary Biological Statistics I
6 credit hours in Humanities

Year 2
ANTH-2100(3) Method and Theory in Cultural Anthropology
ANTH-2200(3) Method and Theory in Archaeology
ANTH-2300(3) Method and Theory in Biological Anthropology
BIOL-2301(3) Genetics
6 credit hours of Biology/Chemistry/Kinesiology electives – as chosen from LIST B above
6 credit hours in Humanities
6 credit hours of electives

Year 3
9 credit hours of Biological Anthropology electives – as chosen from LIST A above
6 credit hours of Biology/Chemistry/Kinesiology electives – as chosen from LIST B above
15 credit hours of electives

Year 4
9 credit hours of Biological Anthropology electives – as chosen from LIST A above
6 credit hours of Biology/Chemistry/Kinesiology electives – as chosen from LIST B above
15 credit hours of electives

NOTE: Certain courses are not offered annually. Therefore, students should seek advising on Year 3 and Year 4 registration.

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the Academic Calendar section of the University website: **http://uwinnipeg.ca/academics/calendar/index.html**

BIOCHEMISTRY (BCHM)

Updated Feb 5, 2018

Program Advisors: Chair: A.Ata, D. Craig, M. Eze, J. Franck, P. Holloway, D. Vanderwel, M. Wiegand, T. Wood

DEGREES/PROGRAMS OFFERED

3 -Year BSc
3-Year BSc (Business Stream)
4 -Year BSc
4-Year BSc (Business Stream)
Honours BSc

INTRODUCTION

This degree combines the information and methodologies of Biochemistry, Cell Biology, Genetics and Microbiology with the techniques of the physical sciences to investigate living systems. It is an Interdisciplinary Program which consists primarily of courses from the Departments of Biology and Chemistry. Students in the program will gain a thorough understanding of the molecular aspects of the structure, function and metabolism of living organisms. They will also obtain experience in up-to-date laboratory techniques and procedures. This is one of the most exciting areas of science at this time and students will be kept abreast of advances in the field and their impact on humans and other life forms.

The Program offers a 90 credit hour 3-Year BSc, a 120 credit hour 4-Year BSc and a 120 credit hour Honours BSc. Graduates will be well qualified to work in university, government, and other research laboratories or in the pharmaceutical and food industries. Graduates with a 4-Year BSc or Honours BSc could also proceed to graduate studies in the Life Sciences.

Students pursuing a 3-year or 4-year BSc in Biochemistry have the opportunity to take a Business Stream – a set of core courses in the Faculty of Business that will provide them with the skills needed to enter and succeed in industry and business. After completing the requirements of the BSc degree and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar, it will be noted on the student's transcript that they have satisfied the requirements of a BSc degree with a Business stream

This program also provides excellent preparation for students wishing to enter professional schools in the health sciences.

REQUIREMENTS FOR A 3-YEAR BSc IN BIOCHEMISTRY

ADMISSION REQUIREMENT Students must consult with a Program Advisor in planning their studies.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 45 credit hours in the Major subject as per the Required Courses list.
Double Major:	Minimum 45 credit hours of required courses and credit hours in Biochemistry program and Specified number of credit hours in other Major (may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors).

Required courses:

BIOL-1115(3)	Cells and Cellular Processes (or the former BIOL-1111(6))
BIOL-1116(3)	Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))
BIOL-2301(3)	Genetics (or the former BIOL-3301(3))
BIOL-2902(3)	Biology of Bacteria and Archaea (formerly "Biology of the Prokaryotes and Viruses")
BIOL-3221(3)	Cell Biology
CHEM-1111(3)	Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))
CHEM-1112(3)	Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))
CHEM-2202(3)	Organic Chemistry I (or the former CHEM-2201(6))
CHEM-2203(3)	Organic Chemistry II (or the former CHEM-2201(6))
CHEM-3502(3)	Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules (or former CHEM-3501(6))
CHEM-3503(3)	Intermediate Biochemistry II: Intermediary Metabolism (or the former CHEM-3501(6))
PHYS-1101(6)	Foundations of Physics I OR **PHYS-1301(6)** Introduction to Physics

Minimum 3 credit hours in additional core chemistry, selected from the following:

CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
Minimum 3 credit hours selected from the following courses:
PSYC-2101(3) Introduction to Data Analysis
STAT-1301 (3) **Statistical Analysis I**
STAT-1302 (3) **Statistical Analysis II**
STAT-1501(3) Elementary Biological Statistics I

9 additional credit hours from Biology and/or Biochemistry and/or Chemistry at or above the 2000 level (with the exception of the former CHEM-2501(3), CHEM-2601(6) and CHEM-2801(3)) to bring the total number of Biology, Biochemistry and Chemistry courses to 45 credit hours.
Recommended: MATH-1101(6) Introduction to Calculus **OR MATH-1103 (3)** Introduction to Calculus I **AND MATH-1104 (3)** Introduction to Calculus II. This course is required for the 4-Year, and Honours BSc in Biochemistry, and is a prerequisite for CHEM-2102(3), Thermodynamics and Kinetics; and CHEM-2103(3), Atoms, Molecules and Spectroscopy. Both CHEM-2102(3) and CHEM-2103(3) are options in the 3-Year, 4-Year, and Honours BSc in Biochemistry
Note: Students considering the four-year degree in Biochemistry should note that BIOL-3901(3) is a prerequisite for BIOL-4902(3); BIOL-2152(3) and BIOL-2153(3) are prerequisites for BIOL-3161(3) and BIOL-3162(3).
Note: Students should design their course selection in consultation with one of the Program Advisors.

SUGGESTED PROGRAM OF STUDY- ***Students must consult with Program Advisors in planning their programs.***

Year 1
BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
RHET-1103(3) Academic Writing: Sciences (if required)
STAT-1501(3) Elementary Biological Statistics I
xxxx.xxxx(6) Humanities
Electives* 6 credit hours

Year 2
BIOL-2301(3) Genetics
BIOL-2902(3) Biology of Bacteria and Archaea (formerly "Biology of the Prokaryotes and Viruses")
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
One of:
CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
One of:
PHYS-1301(6) Introduction to Physics
PHYS-1101(6) Foundations of Physics I
Electives* 3 credit hours
xxxx.xxxx(6) Humanities
Note: (If Academic Writing is not required, Physics could be done in Year 1 and Statistics plus a 3 credit hour elective in Year 2)

Year 3
BIOL-3221(3) Cell Biology
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function and Energetics of Biomolecules
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism
Electives* 21 credit hours

***Electives:**
1) There is a requirement of a minimum of 45 credit hours in Biology, Biochemistry and Chemistry. This is made up of required courses plus an appropriate number of credit hours from the electives.
2) MATH-1101(6) Introduction to Calculus or the equivalent **MATH-1103 (3)** Introduction to Calculus I AND **MATH-1104 (3)** Introduction to Calculus II is ***strongly recommended***. This course is required for the 4-Year and Honours B.Sc. degrees in Biochemistry and is a prerequisite for CHEM-2102(3) Thermodynamics and Kinetics; and CHEM-2103(3), Atoms, Molecules and Spectroscopy. Both CHEM-2102(3) and CHEM-2103(3) are options in the 3-Year, 4-Year, and Honours BSc in Biochemistry
3) It is strongly recommended that students who may consider doing a 4-Year or Honours B.Sc. in Biochemistry take at least one additional core Chemistry course in the second or third year.

REQUIREMENTS FOR THE 3-YEAR BSc IN BIOCHEMISTRY WITH A BUSINESS STREAM

Students must complete the requirements of the 3-year BSc in Biochemistry degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR A 4-YEAR BSc IN BIOCHEMISTRY

ADMISSION REQUIREMENT Students must consult with a Program Advisor in planning their studies.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 100 As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
0 level. Of these, a
maximum of 6 credit hours may be below the 1000 level.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 69 credit hours in the Major subject as per Required Courses list.
Double Major: Minimum 69 credit hours of required courses and credit hours in Biochemistry program and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Required courses:
- **BIOL-1115(3)** Cells and Cellular Processes (or the former BIOL-1111(6))
- **BIOL-1116(3)** Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))
- **BIOL-2301(3)** Genetics (or the former BIOL-3301(3))
- **BIOL-2902(3)** Biology of Bacteria and Archaea (formerly “Biology of the Prokaryotes and Viruses”)
- **BIOL-3221(3)** Cell Biology
- **BIOL-3303(3)** Molecular Genetics and Genomics (or the former BIOL-4302(3))
- **BIOL-4502(3)** Molecular Cell Biology
- Minimum 3 credit hours selected from the following physiology courses:
  - **BIOL-3161(3)** Vegetative Anatomy and Physiology of Seed Plant
  - **BIOL-3162(3)** Reproductive Anatomy and Physiology of Seed Plants
  - **BIOL-3602(3)** Comparative Animal Physiology I (or the former BIOL-3601(6))
  - **BIOL-3603(3)** Comparative Animal Physiology II (or the former BIOL-3601(6))
  - **BIOL-4902(3)** Microbial Physiology
- **CHEM-1111(3)** Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))
- **CHEM-1112(3)** Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))
- **CHEM-2202(3)** Organic Chemistry I (or the former CHEM-2201(6))
- **CHEM-2203(3)** Organic Chemistry II (or the former CHEM-2201(6))
- **CHEM-3502(3)** Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules (or the former CHEM-3501(6))
- **CHEM-3503(3)** Intermediate Biochemistry II: Intermediary Metabolism (or the former CHEM-3501(6))
- **CHEM-4502(3)** Molecular Enzymology
- **CHEM-4506(3)** Methods in Biochemistry (or the former CHEM-4505(3))
- **MATH-1101(6)** Introduction to Calculus
  OR MATH-1103 (3) Introduction to Calculus I **AND MATH-1104 (3)** Introduction to Calculus II
- **PHYS-1101(6)** Foundations of Physics I **OR PHYS-1301(6)** Introduction to Physics

Minimum 6 credit hours in additional core chemistry, selected from the following:
- **CHEM-2102(3)** Thermodynamics and Kinetics **OR** CHEM**-2103(3)** Atoms, Molecules and Spectroscopy
- **CHEM-2302(3)** Quantitative Chemical Analysis
- **CHEM-2401(3)** Inorganic Chemistry I

Minimum 3 credit hours selected from the following statistics courses:
- **PSYC-2101(3)** Introduction to Data Analysis;
- **STAT-1301 (3)** **Statistical Analysis I**
- **STAT-1302 (3)** **Statistical Analysis II**
- **STAT-1501(3)** Elementary Biological Statistics I

15 additional credit hours from Biology and/or Biochemistry and/or Chemistry at or above the 2000 level (with the exception of the former CHEM-2501(3), CHEM-2601(6) and CHEM-2801(3)) to bring the total number of Biology and Chemistry courses to 69 credit hours. Students may not count both **BIOL-4111(6)** Biology Honours Thesis and **CHEM-4701(6)** Research Projects in Chemistry towards the Biochemistry major.

Recommended: Students planning on graduate studies should seriously consider taking either **BIOL-4111(6)** Biology Honours Thesis or **CHEM-4701(6)** Research Projects in Chemistry.
Note: Students should design their course selection in consultation with one of the Program Advisors.

SUGGESTED PROGRAM OF STUDY

Students must consult with Program Advisors in planning their programs.

Year 1
BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
MATH-1101(6) Introduction to Calculus
OR MATH-1103 (3) Introduction to Calculus I AND **MATH-1104 (3)** Introduction to Calculus II
RHET-1103(3) Academic Writing: Sciences (if required)
STAT-1501(3) Elementary Biological Statistics I
xxxx.xxxx(6) Humanities

Year 2
BIOL-2301(3) Genetics
BIOL-2902(3) Biology of Bacteria and Archaea (formerly "Biology of the Prokaryotes and Viruses")
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
One of:
- CHEM-2102(3) Thermodynamics and Kinetics
- CHEM-2103(3) Atoms, Molecules and Spectroscopy
- CHEM-2302(3) Quantitative Chemical Analysis
- CHEM-2401(3) Inorganic Chemistry I

One of:
- PHYS-1301(6) Introduction to Physics
- PHYS-1101(6) Foundations of Physics I

Electives* 3 credit hours
xxxx.xxxx(6) Humanities

Note: (If Academic Writing is not required, Physics could be done in Year 1 and Statistics plus a 3 credit hour elective in Year 2)

Year 3
BIOL-3221(3) Cell Biology
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function and Energetics of Biomolecules
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism
One of:
- CHEM-2102(3) Thermodynamics and Kinetics
- CHEM-2103(3) Atoms, Molecules and Spectroscopy
- CHEM-2302(3) Quantitative Chemical Analysis
- CHEM-2401(3) Inorganic Chemistry I

Electives* 18 credit hours

Year 4
BIOL-3303(3) Molecular Genetics and Genomics
BIOL-4502(3) Molecular Cell Biology
CHEM-4502(3) Molecular Enzymology
CHEM-4506(3) Methods in Biochemistry
Electives* 12 credit hours

***Electives:**
1) There is a requirement of a minimum of 69 credit hours in Biology, Biochemistry and Chemistry. This is made up of required courses plus an appropriate number of credit hours from the electives.
2) Note the 3 credit hour requirement for a course in Physiology. Some physiology courses have prerequisites.
3) Students considering graduate study should seriously consider BIOL-4111(6) Biology Honours Thesis OR CHEM-4701(6) Research Projects in Chemistry.

REQUIREMENTS FOR THE 4-YEAR BSc IN BIOCHEMISTRY WITH A BUSINESS STREAM

Students must complete the requirements of the 4-year BSc in Biochemistry degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar

REQUIREMENTS FOR AN HONOURS BSc IN BIOCHEMISTRY

ADMISSION REQUIREMENT Students must consult with a Program Advisor in planning their studies.

GRADUATION REQUIREMENT 120 credit hours
Graduation G.P.A. Requirement: To graduate with a BSc Honours, students must have a minimum GPA of 3.0 in all Chemistry, Biochemistry and Biology courses (calculated on all course attempts in Biology, Biochemistry and Chemistry) and a 2.75 GPA in all non-major courses (calculated as for a 3-year degree where F's are not included and, in the case of repeated courses, only the highest grade will be used).

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 69 credit hours in the Major subject as per Required Courses list.
Double Major: Minimum 69 credit hours of required courses and credit hours in Biochemistry program and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Required courses:

BIOL-1115(3) Cells and Cellular Processes (or the former BIOL-1111(6))
BIOL-1116(3) Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))
BIOL-2301(3) Genetics (or the former BIOL-3301(3))
BIOL-2902(3) Biology of Bacteria and Archaea (formerly "Biology of the Prokaryotes and Viruses")
BIOL-3221(3) Cell Biology
BIOL-3303(3) Molecular Genetics and Genomics (or the former BIOL-4302(3))
BIOL-4111(6) Biology Honours Thesis
OR CHEM-4701(6) Research Projects in Chemistry
BIOL-4502(3) Molecular Cell Biology
CHEM-1111(3) Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))
CHEM-1112(3) Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))
CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2202(3) Organic Chemistry I (or the former CHEM-2201(6)
CHEM-2203(3) Organic Chemistry II (or the former CHEM-2201(6))
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules (or the former CHEM-3501(6))
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism (or the former CHEM-3501(6))
CHEM-4502(3) Molecular Enzymology
CHEM-4506(3) Methods in Biochemistry (or the former CHEM- 4505(3))
MATH-1101(6) Introduction to Calculus or the equivalent **MATH-1103 (3)** Introduction to Calculus I AND **MATH-1104 (3)** Introduction to Calculus II
PHYS-1101(6) Foundations of Physics I
OR PHYS-1301(6) Introduction to Physics)

Minimum 3 credit hours selected from the following physiology courses:

BIOL-3161(3) Vegetative Anatomy and Physiology of Seed Plants
BIOL-3162(3) Reproductive Anatomy and Physiology of Seed Plants
BIOL-3602(3) Comparative Animal Physiology I (or the former BIOL-3601(6))
BIOL-3603(3) Comparative Animal Physiology II (or the former BIOL-3601(6))
BIOL-4902(3) Microbial Physiology

Minimum 3 credit hours selected from the following statistics courses:

PSYC-2101(3) Introduction to Data Analysis
STAT-1301 (3) **Statistical Analysis I**
STAT-1302 (3) **Statistical Analysis II**
STAT-1501(3) Elementary Biological Statistics I

6 additional credit hours from Biology and/or Biochemistry and/or Chemistry at or above the 2000 level (with the exception of the former CHEM-2501(3), CHEM-2601(6) and CHEM-2801(3)) to bring the total number of Biology, Biochemistry and Chemistry courses to 69 credit hours. Students may not count both **BIOL-4111(6)** Biology Honours Thesis and **CHEM-4701(6)** Research Projects in Chemistry towards the Biochemistry major.

Note: Students should design their course selection in consultation with one of the Program Advisors.

SUGGESTED PROGRAM OF STUDY

Students must consult with Program Advisors in planning their programs.

Year 1
BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
MATH-1101(6) Introduction to Calculus
OR MATH-1103 (3) Introduction to Calculus I **AND** MATH-1104 (3) Introduction to Calculus II
RHET-1103(3) Academic Writing: Sciences (if required)
STAT-1501(3) Elementary Biological Statistics I
xxxx.xxxx(6) Humanities

Year 2
BIOL-2301(3) Genetics
BIOL-2902(3) Biology of Bacteria and Archaea (formerly "Biology of the Prokaryotes and Viruses")
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
Two of:
CHEM-2102(3) Thermodynamics and Kinetics **OR** CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
One of:
PHYS-1301(6) Introduction to Physics
PHYS-1101(6) Foundations of Physics I
xxxx.xxxx(6) Humanities
Note: (If Academic Writing is not required, Physics could be done in Year 1 and Statistics plus a 3 credit hour elective in Year 2)

Year 3
BIOL-3221(3) Cell Biology
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function and Energetics of Biomolecules
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism
Remaining one of:
CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
Electives* 18 credit hours

Year 4
BIOL-3303(3) Molecular Genetics and Genomics
BIOL-4502(3) Molecular Cell Biology
CHEM-4502(3) Molecular Enzymology
CHEM-4506(3) Methods in Biochemistry
BIOL-4111(6) Biology Honours Thesis **OR** CHEM-4701(6) Research Projects in Chemistry
Electives* 12 credit hours

***Electives:**
1) There is a requirement of a minimum of 69 credit hours in Biology, Biochemistry and Chemistry. This is made up of required courses plus an appropriate number of credit hours from the electives.
2) Note the 3 credit hour requirement for a course in Physiology. Some physiology courses have prerequisites.

GENERAL INFORMATION

Prerequisites
Chemistry 40S **AND** either Pre-Calculus Mathematics 40S **OR** Applied Mathematics 40S are required for registration in both **BIOL-1115(3)** Cells and Cellular Processes and **CHEM-1111(3)** Introduction to the Chemical Properties of Matter. Physics 40S AND either Pre-Calculus Mathematics 40S or Applied Mathematics 40S are required for registration in **PHYS-1101(6)** Foundations of Physics I. Physics 40S is not required for registration in **PHYS-1301(6)** Introduction to Physics.

Entrance to Program
Students normally enter the Program in Year 2 of their studies.

Note: Course Listings and Descriptions can be found under the appropriate Departmental listings:
Biology (BIOL) **Mathematics (MATH)** **Statistics (STAT)**
Biochemistry (BCHM) **Physics (PHYS)**
Chemistry (CHEM) **Psychology (PSYC)**

COURSE LISTINGS

Students should consult Web Advisor or the appropriate Timetable on the website for courses to be offered in an upcoming term. A number of senior courses are offered on a rotation basis and are given in alternate years. Students are advised to consult with the Chair, Department of Chemistry in advance when planning their curriculum.

MULT/BCHM-2119(3): Topics in Diseases and Policy
MULT/BCHM-4119(4.5): Topics in Diseases and Policy

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

BIOLOGY (BIOL)

Updated Feb. 4, 2017

Chair: Professor Judith D. Huebner; Professors Emeriti: W.S. Evans, G.E.E. Moodie, R.J. Staniforth, R.A. Woods; Professors: A. Civetta, L.S. Forbes, J. Tardif, A.R. Westwood, M.D. Wiegand; Associate Professors: R. Anderson, G. Avila- Sakar, R. Douville , J. Franck, S. Good, P.W. Holloway, S. Lingle, A. Park, A. Shrivastav, C. Willis; Assistant Professors: R. Otfinowski; Instructors: B. Biernacka, C. DuGuay, A. McGreevy, K. Muc, L. Warszycki; Lab Manager: N. Taiarol; Technical Staff: L.G. Buchanan, R. Cole, K. Kachur, D. Nickel, M. Rondeau, M. Torres, D. Wasyliw.

DEGREES/PROGRAMS OFFERED

3-Year BSc
3-Year BSc (Business Stream)
4-Year BSc
4-Year BSc (Business Stream)
Honours BSc
4-Year BSc (UW/RRC)
MSc in Bioscience, Technology & Public Policy (For more information, please see the *Graduate Studies Academic Calendar.*)

INTRODUCTION

The study of Biology encompasses any manifestation of life, from the DNA molecule to the interactions of organisms within the various ecosystems of the earth. This broad discipline includes the subject areas of Botany, Zoology, Microbiology, Ecology, Genetics and Molecular Biology.

The Biology Department offers the 3-Year BSc, 4-Year BSc, and BSc Honours degrees. Two additional degree options available are the University of Winnipeg/Red River College 4-Year BSc in Applied Biology, and a Co-operative Program that combines a 3-Year BSc Degree in Biology with a diploma in Chemical and Biosciences Technology.

Students pursuing a 3-year or 4-year BSc in Biology have the opportunity to take a Business Stream – a set of core courses in the Faculty of Business that will provide them with the skills needed to enter and succeed in industry and business. See the "Science with a Business Stream" section of this Course Calendar.

In addition, courses in Biology constitute the core of the Environmental Studies Forest Ecology Program, the Forest Policy and Management Program, the Biochemistry Program, the Biopsychology Program and the Bioanthropology Program.

A BSc in Biology can lead to employment in Conservation or other government departments, work as a technologist in a research or industrial laboratory, as well as a career in education. It also provides the preparation necessary for those entering several professional programs including Dentistry, Medicine, Veterinary Medicine, Pharmacy and Optometry.

Many Biology graduates also pursue post-graduate education. The necessary academic preparation for post-graduate studies is **only** provided by the 4-Year and Honours degrees in Biology. The 3-Year BSc and the Applied Biology degrees are not recognized as adequate preparation by most Graduate Studies Programs in Canada or internationally.

REQUIREMENTS FOR A 3-YEAR BSc IN BIOLOGY

ADMISSION REQUIREMENT	Students should consult with a member of the Department in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours in the Major subject.
Double Major:	30 credit hours in Biology and specified number of credit hours in the other department/program.

Required courses:

1. Mandatory courses
- BIOL-1115(3) Cells and Cellular Processes, and **BIOL-1116(3)** Evolution, Ecology and Biodiversity.

- Minimum 24 credit hours in other Biology courses at or above the 2000 level, not including **BIOL-4111(6)** Biology Honours Thesis.

2. Statistics Requirement - 3 credit hours of statistics chosen from the following courses:
STAT-1301(3) Statistical Analysis I
STAT-1501(3) Elementary Biological Statistics I
GEOG-2309(3) Statistical Techniques in Environmental Analysis
PSYC-2101(3) Introduction to Data Analysis
The former STAT-1201(6) Introduction to Statistical Analysis

3. At least 15 **additional** credit hours of ancillary science (non-Biology) courses at or above the 1000 level selected from the following departments/courses, for a total of at least 18 credit hours of non-Biology science. At least **one other** department must be represented, in addition to that chosen from the above statistics options list.

ANTHROPOLOGY – **ONLY**:
ANTH-2300(3) Methods and Theory in Biological Anthropology
ANTH-2304(3) Introduction to Forensic Anthropology
ANTH-3207(3) Zooarchaeology
ANTH-3302/4302(3) Primate Adaptation, Biology, and Evolution
ANTH-3306(3) Human Osteology
ANTH-3308/4308(3) Human Evolution
ANTH-3309/4309(3) Primate Behaviour
ANTH-4212(3) Advanced Zooarchaeology
ANTH-4303(3) Problems in Human and Primate Evolution
ANTH-4305(3) Problems in Biological Anthropology
ANTH-4307(3) Advanced Human Osteology
ANTH-4311(3) Human Paleopathology

CHEMISTRY – ALL courses **EXCEPT**:
CHEM-2801(3) Environmental Issues: A Chemistry Perspective (formerly Chemistry and Society)

GEOGRAPHY – **ONLY**:
Physical Geography courses (second digit in the course number is “2”)
Geomatics courses (second digit in the course number is “3”)

KINESIOLOGY – **ONLY**:
KIN-2204(3) Introduction to Human Physiology
KIN-2301(3) Human Anatomy
KIN-3106 (3) Exercise Physiology
KIN-3201(3) Biomechanics

MATHEMATICS – ALL courses **EXCEPT**:
MATH-2305(3) Philosophy and Mathematics

PHYSICS – ALL courses **EXCEPT**:
PHYS-1005(6) Concepts in Science
PHYS-1701(6) Astronomy
PHYS-2705(6) Cosmology: Science Fact to Science Fiction

PSYCHOLOGY – **ONLY**:
PSYC-2101(3) Introduction to Data Analysis
PSYC-2900(3) Physiological Psychology I
PSYC-3900(3) Physiological Psychology II

STATISTICS – All courses

Combined Major: Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject.

Prescribed courses:
BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity

Restrictions: Only 6 credit hours at the 1000 level will be credited towards the combined major. Any other 1000-level course would be considered as an elective.

REQUIREMENTS FOR THE 3-YEAR BSc IN BIOLOGY WITH A BUSINESS STREAM

Students must complete the requirements of the 3-year BSc in Biology degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR A 4-YEAR BSc IN BIOLOGY

ADMISSION REQUIREMENT Students must consult with the Department Advisor in planning their studies.

GRADUATION REQUIREMENT 120 credit hours, that is, 90 credit hours meeting the requirements for the 3-Year BSc plus an additional 30 credit hours**.**

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 78 credit hours in the Major subject.
Double Major:	Minimum 48 credit hours in Biology and specified number of courses in other Major.

Required courses:

1. Mandatory Courses

BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
BIOL-2301(3) Genetics
BIOL-2403(3) Principles of Ecology or **BIOL-3902(3)** Microbial Ecology)
BIOL-3221(3) Cell Biology

In addition to the above prescribed courses, students must complete an additional minimum of 33 credit hours in Biology at or above the 2000 level.
Students taking the 4-Year BSc in preparation for graduate studies are strongly advised to enrol in the BSc Honours program (see below).

2.Statistics Requirement - 6 credit hours of statistics chosen from the following course pairings:

- **STAT-1301(3)** Statistical Analysis I and **STAT-1302(3)** Statistical Analysis II or the former **STAT-1201(6)** Introduction to Statistical Analysis

OR

- **STAT-1501(3)** Elementary Biological Statistics I **AND ONE OF STAT-2001(3**) Elementary Biological Statistics II or **BIOL-3492(3)** Quantitative & Theoretical Biology or **BIOL-4471(3)** Ecological Methods or the former **STAT-1601(3)** Elementary Biological Statistics II

OR

- **GEOG-2309(3)** Statistical Techniques in Environmental Analysis **AND ONE OF BIOL-3492(3)** Quantitative & Theoretical Biology or **BIOL-4471(3)** Ecological Methods

OR

- **PSYC-2101(3)** Introduction to Data Analysis **AND ONE OF PSYC-2102(3)** Introduction to Research Methods or **BIOL-3492(3)** Quantitative & Theoretical Biology or **BIOL-4471(3)** Ecological Methods

3. At least 18 additional credit hours of ancillary science (non-Biology) courses at or above the 1000 level selected from the following departments/courses, for a total of at least 24 credit hours of non-Biology science (or 21 credit hours if a Biology course is selected as part of the statistics requirement). At least **one other** department must be represented in addition to that chosen from the above statistics options list.

ANTHROPOLOGY – **ONLY**:
ANTH-2300(3) Methods and Theory in Biological Anthropology
ANTH-2304(3) Introduction to Forensic Anthropology
ANTH-3207(3) Zooarchaeology
ANTH-3302/4302(3) Primate Adaptation, Biology, and Evolution
ANTH-3306(3) Human Osteology
ANTH-3308/4308(3) Human Evolution
ANTH-3309/4309(3) Primate Behaviour
ANTH-4212(3) Advanced Zooarchaeology
ANTH-4303(3) Problems in Human and Primate Evolution
ANTH-4305(3) Problems in Biological Anthropology
ANTH-4307(3) Advanced Human Osteology
ANTH-4311(3) Human Paleopathology

CHEMISTRY – ALL courses **EXCEPT**:
CHEM-2801(3) Environmental Issues: A Chemistry Perspective (formerly Chemistry and Society)

GEOGRAPHY – **ONLY**:
Physical Geography courses (second digit in the course number is "2")
Geomatics courses (second digit in the course number is "3")

KINESIOLOGY – **ONLY**:
KIN-2204(3) Introduction to Human Physiology
KIN-2301(3) Human Anatomy
KIN-3106 (3) Exercise Physiology
KIN-3201(3) Biomechanics

MATHEMATICS – ALL courses **EXCEPT**:
MATH-2305(3) Philosophy and Mathematics

PHYSICS – ALL courses **EXCEPT**:
PHYS-1005(6) Concepts in Science
PHYS-1701(6) Astronomy
PHYS-2705(6) Cosmology: Science Fact to Science Fiction

PSYCHOLOGY – **ONLY**:
PSYC-2101(3) Introduction to Data Analysis
PSYC-2900(3) Physiological Psychology I
PSYC-3900(3) Physiological Psychology II

STATISTICS – All courses

Combined Major:	Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.
Prescribed courses:	
BIOL-1115(3)	Cells and Cellular Processes
BIOL-1116(3)	Evolution, Ecology and Biodiversity
Restrictions:	Only 6 credit hours at the 1000 level will be credited towards the combined major. Any other 1000-level course would be considered as an elective.

REQUIREMENTS FOR THE 4-YEAR BSc IN BIOLOGY WITH A BUSINESS STREAM

Students must complete the requirements of the 4-year BSc in Biology degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR AN HONOURS BSc IN BIOLOGY

ADMISSION REQUIREMENT	Students must consult with the Department Advisor in planning their studies.
GRADUATION REQUIREMENT	120 credit hours
Graduation G.P.A. Requirement	To graduate with a BSc Honours, students must have a minimum GPA of 3.0 on all major (Biology) courses which will be calculated on all course attempts in the major. A minimum 2.75 GPA on all non-major courses which will be calculated as for the General Degree (i.e., F's are not included and, in the case of repeated courses, only the highest grade will be used).
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours**,** including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
HONOURS REQUIREMENT	
Single Honours:	Minimum 54 credit hours in the Major subject.

Minimum 30 credit hours in upper-level (3000 and 4000) courses of which a minimum of 15 credit hours must be at the 4000 level.

Required Courses:

1. Mandatory courses:
- **BIOL-1115(3)** Cells and Cellular Processes
- **BIOL-1116(3)** Evolution, Ecology and Biodiversity
- **BIOL-2301(3)** Genetics
- **BIOL-2403(3)** Principles of Ecology or **BIOL-3902(3)** Microbial Ecology
- **BIOL-3221(3)** Cell Biology
- **BIOL-4111(6)** Biology Honours Thesis **Note**: This course has admission restrictions, see course description.
- **CHEM-1111(3)** Introduction to Chemical Properties of Matter
- **CHEM-1112(3)** Basic Principles of Chemical Reactivity

2. In addition to the above courses students must select a minimum of 33 credit hours from the Biology course offerings at or above the 2000 level **including**:
- 9 credit hours selected from:
  BIOL-2115(3) Biology of the Invertebrates **OR BIOL-2116(3)** Biology of the Vertebrates **OR** the former **BIOL-2111(6)** Comparative Chordate Zoology
  BIOL-2152(3) Biology of Algae, Fungi, and Mosses
  BIOL-2153(3) Biology of Vascular Plants
  BIOL-2902(3) Biology of Bacteria and Archaea
- 9 credit hours selected from the 4000-level courses in addition to **BIOL-4111(6)** Biology Honours Thesis.

3. Statistics Requirement - 6 credit hours of statistics chosen from the following course pairings:
- **STAT-1301(3)** Statistical Analysis I and **STAT-1302(3)** Statistical Analysis II or the former **STAT-1201(6)** Introduction to Statistical Analysis

OR
- **STAT-1501(3)** Elementary Biological Statistics I **AND ONE OF STAT-2001(3**) Elementary Biological Statistics II or **BIOL-3492(3)** Quantitative & Theoretical Biology or **BIOL-4471(3)** Ecological Methods or the former **STAT-1601(3)** Elementary Biological Statistics II

OR
- **GEOG-2309(3)** Statistical Techniques in Environmental Analysis **AND ONE OF BIOL-3492(3)** Quantitative & Theoretical Biology or **BIOL-4471(3)** Ecological Methods

OR
- **PSYC-2101(3)** Introduction to Data Analysis **AND ONE OF PSYC-2102(3)** Introduction to Research Methods or **BIOL-3492(3)** Quantitative & Theoretical Biology or **BIOL-4471(3)** Ecological Methods

4. At least 12 credit hours of ancillary science (non-Biology) courses at or above the 1000 level selected from the following departments/courses. At least **one other** department must be represented in addition to that chosen from the above statistics options list.

ANTHROPOLOGY – **ONLY**:
ANTH-2300(3) Methods and Theory in Biological Anthropology
ANTH-2304(3) Introduction to Forensic Anthropology
ANTH-3207(3) Zooarchaeology
ANTH-3302/4302(3) Primate Adaptation, Biology, and Evolution
ANTH-3306(3) Human Osteology
ANTH-3308/4308(3) Human Evolution
ANTH-3309/4309(3) Primate Behaviour
ANTH-4212(3) Advanced Zooarchaeology
ANTH-4303(3) Problems in Human and Primate Evolution
ANTH-4305(3) Problems in Biological Anthropology
ANTH-4307(3) Advanced Human Osteology
ANTH-4311(3) Human Paleopathology

CHEMISTRY – ALL courses **EXCEPT**:
CHEM-2801(3) Environmental Issues: A Chemistry Perspective (formerly Chemistry and Society)

GEOGRAPHY – **ONLY**:
Physical Geography courses (second digit in the course number is “2”)
Geomatics courses (second digit in the course number is “3”)

KINESIOLOGY – **ONLY**:
KIN-2204(3) Introduction to Human Physiology
KIN-2301(3) Human Anatomy
KIN-3106(3) Exercise Physiology
KIN-3201(3) Biomechanics

MATHEMATICS – ALL courses **EXCEPT**:
MATH-2305(3) Philosophy and Mathematics

PHYSICS – ALL courses **EXCEPT**:
PHYS-1005(6) Concepts in Science
PHYS-1701(6) Astronomy
PHYS-2705(6) Cosmology: Science Fact to Science Fiction

PSYCHOLOGY – **ONLY**:
PSYC-2101(3) Introduction to Data Analysis
PSYC-2900(3) Physiological Psychology I
PSYC-3900(3) Physiological Psychology II

STATISTICS – All courses

REQUIREMENTS FOR THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 4-YEAR BSc (JOINT PROGRAM IN APPLIED BIOLOGY)

INTRODUCTION

This is a joint degree program whereby students take courses at both institutions in a prescribed sequence. The program has been specifically designed to address the human resource needs of the health and environmental-based industries of Manitoba. Biotechnology is the area of emphasis in the Applied Biology program and the degree requirements are outlined below.

Students are required to complete courses at both institutions. Students will begin their program of study by completing 60 credit hours of course work at The University of Winnipeg. The next 30 credit hours are completed at Red River College and then students return to The University of Winnipeg to complete the final 30 credit hours. Students successfully completing the entire program will receive a joint degree parchment from The University of Winnipeg and Red River College. **N.B. Transfer of courses between institutions applies only to students who are officially in the joint program.**

ADMISSION REQUIREMENT

Students must meet the entrance requirements for admission to The University of Winnipeg.
Application to the program in Applied Biology must be completed through the Admissions Office of The University of Winnipeg by March 1st in order to enter the program in September.

GRADUATION REQUIREMENT

120 credit hours, that is, 90 credit hours meeting the requirements for the BSc General plus 30 additional credit hours.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

4-Year Joint Program in Applied Biology

Year 1 – UW	**Year 2 - UW**
BIOL-1115(3) Cells and Cellular Processes BIOL-1116(3) Evolution, Ecology and Biodiversity CHEM-1111(3) Intro to the Chemical Properties of Matter CHEM-1112(3) Basic Principles of Chemical Reactivity ACS-1453(3) Intro to Computers **OR** ACS-1903(3) Programming Fundamentals 1 STAT-1501(3) Elementary Biological Statistics I RHET-1103(3) Academic Writing: Sciences 3 credit hours Humanities 3 credit hours Indigenous Course 3 credit hours of electives	CHEM-2302(3) Quantitative Chemical Analysis CHEM-3302(3) Methods of Chemical Analysis CHEM-2202(3) Organic Chemistry I CHEM-2203(3) Organic Chemistry II BIOL-2301(3) Genetics BIOL-2902(3) Biology of Bacteria and Archaea (formerly "Biology of the Prokaryotes and Viruses") BIOL-3901(3) Microorganisms & Disease BIOL-3221(3) Cell biology - to be completed in Winter Term 3 credit hours Humanities 3 credit hours of electives

Year 3 – RRC	Year 4 - UW
BIOL-1003(5) Basic & Applied Microbiology CBST-1026(3) Gas Chromatography CBST-3001(6) Advanced Biochemistry CHEM-1028(3) High Performance Liquid Chromatography CBST-1021(3) Molecular Biology CBST-1028(2) Immunology CBST-1031(3) Introductory Biochemistry CBST-1043(2) Tissue Culture CHEM-1041(3) Spectroscopy CHEM-2033(3) Nutraceuticals	BIOL-2403(3) Principles of Ecology BIOL-4502(3) Molecular Cell Biology BIOL-4501(3) Developmental Biology CHEM-4502(3) Molecular Enzymology 6 credit hours chosen from: BIOL-3602(3) Comparative Animal Physiology I, BIOL-3603(3) Comparative Animal Physiology II, BIOL-3163(3) Seed Plant Anatomy & Physiology The former BIOL-3161(3) Vegetative Anatomy & Physiology of Seed Plants The former BIOL-3162(3) Reproductive Anatomy & Physiologyof Seed Plants BIOL-4902(3) Microbial Physiology **NB: These courses have prerequisites that may not be included in the program. Consult a faculty advisor each year in planning your full program of study.** 6 credit hours of Humanities 6 credit hours of Electives

REQUIREMENTS FOR THE 3-YEAR BSc DEGREE OF THE UW/RRC COOPERATIVE AGREEMENT IN CHEMICAL AND BIOSCIENCES TECHNOLOGY

In addition to the above program, The University of Winnipeg and Red River College (RRC) have a cooperative agreement for a program of studies designed to afford students the opportunity to obtain both the BSc General degree and the Diploma in Chemical and Biosciences Technology in four years, by allowing credit for work completed at the alternate institution.

ADMISSION REQUIREMENT Students must consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT Minimum 60 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Indigenous: 3 credit hours in designated Indigenous requirement courses

Required courses:

21 credit hours in Biology at the 2000 level or above, excluding **BIOL-4111(6)** Biology Honours Thesis.
Minimum 18 credit hours of ancillary science (non-Biology) courses at or above the 1000 level selected from at least 2 Departments. See 3 year Biology Major for both courses which may be included in meeting this requirement, and courses which are excluded .

COURSE LISTINGS

1000 LEVEL COURSES

Note 1: Students must obtain credit in both **BIOL-1115(3)** and **BIOL-1116(3)** to satisfy the requirements for a major in Biology.
Note 2: Students can elect to take up to 6 additional credit hours in Biology at the 1000 level; however, these additional credit hours will not count towards the requirement for a major in Biology.
Note 3: Students who wish to use **BIOL-1112(6)** (Human Anatomy and Physiology) as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair.

BIOL-1005(6) Concepts in Science
BIOL-1102(6) Biology and Human Concerns
BIOL-1103(6) Human Biology
BIOL-1106(3) Environmental Biology
BIOL-1112(6) Human Anatomy and Physiology
BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity

2000 LEVEL COURSES

BIOL-2115(3) Biology of the Invertebrates
BIOL-2116(3) Biology of the Vertebrates
BIOL-2152(3) Introduction to Algae, Fungi and Mosses
BIOL-2153(3) Biology of Vascular Plants
BIOL-2301(3) Genetics
BIOL-2401(1) Forest Ecology Field Skills Course
BIOL-2403(3) Principles of Ecology
BIOL-2451(3) Introduction to Animal Behaviour
BIOL-2477(3) Forest Measurement
BIOL-2902(3) Biology of Bacteria and Archaea (formerly “Biology of the Prokaryotes and Viruses”)

3000 LEVEL COURSES

Note: 3000-level courses may not be offered every year. Consult the current timetable for details.

BIOL-3112(3) Ecology and Evolution of Mammals
BIOL-3152(3) Flora of Manitoba
BIOL-3163(3) Seed Plant Anatomy & Physiology
BIOL-3202(3) Histology
BIOL-3221(3) Cell Biology
BIOL-3303(3) Molecular Genetics and Genomics
BIOL-3410(3) Freshwater Ecology
BIOL-3452(3) Behavioural Ecology and the Prairie Grasslands: Field Course
BIOL-3471(3) Forest Ecology
BIOL-3473(3) Principles of Silviculture
BIOL-3476(3) Forest Policy and Management
BIOL-3492(3) Quantitative and Theoretical Biology
BIOL-3562(3) Human Reproductive Biology
BIOL-3563(3) Human Embryology
BIOL-3602(3) Comparative Animal Physiology I
BIOL-3603(3) Comparative Animal Physiology II
BIOL-3702(3) Parasites and Disease
BIOL-3703(3) Ectoparasitology
BIOL-3801(3) General Entomology
BIOL-3901(3) Microorganisms and Disease
BIOL-3902(3) Microbial Ecology

4000 LEVEL COURSES

Note: 4000-level courses may not be offered every year. Consult the current timetable for details.

BIOL-4111(6) Biology Honours Thesis
BIOL-4112(3) Ichthyology
BIOL-4191(3) Directed Studies in Biology
BIOL-4303(3) Population Genetics
BIOL-4331(3) Evolutionary Biology
BIOL-4402(3) Current Topics in Ecology
BIOL-4411(3) Water Quality and Health
BIOL-4451(2) Forest Ecosystems Field Course
BIOL-4453(3) Wetlands Ecosystems Field Course
BIOL-4471(3) Ecological Methodology
BIOL-4473(3) Dendrochronology: Principles and Applications
BIOL-4474(3) Forest Health and Protection
BIOL-4475(3) Urban Forestry
BIOL-4501(3) Developmental Biology
BIOL-4502(3) Molecular Cell Biology
BIOL-4601(3) Ecological Animal Physiology
BIOL-4602(3) Field Research in Animal Ecology and Energetics
BIOL-4902(3) Microbial Physiology
BIOL-4904(3) Virology
BIOL-4905(3) Microbial Biotechnology
BIOL-4931(3) Immunology
BIOL-4950(3) Neurobiology

THE FOLLOWING COURSES ARE NOT OFFERED EVERY YEAR:

BIOL-2401(1) Forest Ecology Field Skills Course
BIOL-2477(3) Forest Measurement
BIOL-3112(3) Ecology and Evolution of Mammals
BIOL-3152(3) Flora of Manitoba
BIOL-3163(3) Seed Plant Anatomy & Physiology
BIOL-3410(3) Freshwater Ecology
BIOL-3452(3) Behavioural Ecology and the Prairie Grasslands: Field Course
BIOL-3471(3) Forest Ecology
BIOL-3473(3) Principles of Silviculture
BIOL-3492(3) Quantitative and Theoretical Biology
BIOL-3801(3) General Entomology
BIOL-3902(3) Microbial Ecology

BIOL-4112(3) Ichthyology
BIOL-4303(3) Population Genetics
BIOL-4331(3) Evolutionary Biology
BIOL-4402(3) Current Topics in Ecology
BIOL-4411(3) Water Quality and Health
BIOL-4451(2) Forest Ecosystems Field Course
BIOL-4453(3) Wetlands Ecosystems Field Course
BIOL-4471(3) Ecological Methodology
BIOL-4473(3) Dendrochronology: Principles and Applications
BIOL-4474(3) Forest Health and Protection
BIOL-4475(3) Urban Forestry
BIOL-4601(3) Ecological Animal Physiology
BIOL-4602(3) Field Research in Animal Ecology and Energetics
BIOL-4902(3) Microbial Physiology
BIOL-4904(3) Virology
BIOL-4905(3) Microbial Biotechnology
BIOL-4931(3) Immunology
BIOL-4950(3) Neurobiology

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

BIOPSYCHOLOGY (BPSY)

April 4, 2018

Coordinator: B. Bolster; **Program Advisors:** H. Aujla, S. Forbes, P. Pearson, S. Smith, M. Wiegand, D. Williams

DEGREES/PROGRAMS OFFERED
3-Year BSc
3-Year BSc (Business Stream)
4-Year BSc
4-Year BSc (Business Stream)
Honours BSc

INTRODUCTION

Biopsychology is the branch of neuroscience concerned with how the brain and the nervous system control behaviour. Biopsychology is a rapidly developing research area that includes all aspects of the structure and function of the nervous systems and involves a variety of experimental strategies aimed at improving our understanding of nervous systems (biology), and their relationship to behaviour (psychology). Firmly grounded in the natural sciences, biopsychology includes molecular, biochemical, anatomical, physiological, behavioural, and developmental approaches. In addition to improving our understanding of the relationship between the nervous system and behaviour, knowledge obtained from research in biopsychology is increasingly being applied to a variety of health problems including stroke, Alzheimer's disease, Parkinsonism, and a wide variety of drug- or injury-induced behavioural and cognitive disorders. This program prepares students for further study in neuroscience, psychology, medicine, speech pathology, communication disorders and related fields.

Students pursuing a 3-year or 4-year BSc in Biopsychology have the opportunity to take a Business Stream – a set of core courses in the Faculty of Business that will provide them with the skills needed to enter and succeed in industry and business. See the "Science with a Business Stream" section of this Academic Calendar.

NOTE ON DEPARTMENT COURSE ADMISSION REQUIREMENTS

Biopsychology students are expected to meet course requirements specified by the department offering the courses. Please note that Psychology and Biology courses may have somewhat different requirements for registration in certain courses. For example, Biology requires no special permission to enroll in 4000-level courses in Biology, whereas Psychology requires academic advising and approval from the Honours Committee to register for 4000-level courses. Psychology approval normally requires (1) a minimum 3.0 GPA (B) in Psychology courses based on all attempts (including course repeats and failures), and (2) a minimum 2.5 GPA (C+) in all Non-Psychology courses calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade is used). Exemptions to these requirements may be granted for admission to specific courses.

REQUIREMENTS FOR A 3-YEAR BSc IN BIOPSYCHOLOGY

ADMISSION REQUIREMENT

Students are required to consult with a Program Advisor or Coordinator in planning their course of study.
Both Chemistry 40S and either Pre-Calculus or Applied Mathematics 40S are required for students wishing to pursue this BSc degree.
Entry into the program after completing a minimum of 30 credit hours.
A grade of C or better in **PSYC-1000(6)**.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Distribution:	Minimum five (5) different subjects

MAJOR REQUIREMENT

Single Major:	Minimum 54 credit hours in the subject as per the Required Course list
Double Major:	Minimum 54 hours in Biopsychology and specified number of credit hours in other Major may vary depending on interdisciplinary courses completed as they may be able to be credited to both Majors).

Required courses:

PSYC-1000(6)	Introductory Psychology, minimum 2.0 GPA (C)
CHEM-1111(3)	Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))
CHEM-1112(3)	Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))
BIOL-1115(3)	Cells and Cellular Processes (or the former BIOL-1111(6))
BIOL-1116(3)	Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))
PSYC-2102(3)	Introduction to Research Methods

PSYC-2900(3) Physiological Psychology I
CHEM-2202(3) Organic Chemistry I (or the former CHEM-2201(6))
CHEM-2203(3) Organic Chemistry II (or the former CHEM-2201(6))
BIOL-2301(3) Genetics (or the former BIOL-3301(3))
BIOL-3221(3) Cell Biology

Minimum of 3 credit hours to be selected from:
PSYC-2101(3) Introduction to Data Analysis
STAT-1301(3) Statistical Analysis
STAT-1501(3) Elementary Biological Statistics I

Minimum of 3 credit hours to be selected from:
PSYC-2600(3) Introduction to Cognitive Psychology
PSYC-2610(3) Perception I
PSYC-2620(3) Psycholinguistics
PSYC-2800(3) Fundamentals of Animal Learning
PSYC-2920(3) Drugs & Behaviour

Minimum of 6 credit hours to be selected from:
BIOL-3602(3) Comparative Animal Physiology I (or the former BIOL-3601(6))
BIOL-3603(3) Comparative Animal Physiology II (or the former BIOL-3601(6))
BIOL-2111(6) Comparative Chordate Zoology

6 additional credit hours at or above 3000 level from Natural Science courses (**PSYC-x6xx, PSYC-x8xx** or **PSYC-x9xx(3)**) in Psychology

Advisory: Students are advised that a 3-year BSc is not normally sufficient for admission to graduate studies. Students normally enrol in **PSYC-2101(3)** and **PSYC-2102(3)** in their 2nd year. Students with a 3.0 GPA (B) in Psychology courses are eligible to take 4000-level courses, but must receive permission from the Psychology Department's Honours Committee before registering for 4000-level courses. No special permission is required to enroll in 4000-level courses in Biology.

REQUIREMENTS FOR THE 3-YEAR BSc IN BIOPSYCHOLOGY WITH A BUSINESS STREAM

Students must complete the requirements of the 3-year BSc in Biopsychology degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR A 4-YEAR BSc IN BIOPSYCHOLOGY

This allows program students with interests in the sciences to expand their knowledge of the subject area. Students are required to consult with a Departmental Honours Advisor at the time they enrol in 4000-level courses in the Psychology Department. Appointments for advising are arranged through the departmental secretary at 786-9130. Enrolling in 4000-level courses in the Biology department does not require a consultation with a faculty member.

ADMISSION REQUIREMENT
Students are required to consult with a Program Advisor or Coordinator in planning their course of study.
Both Chemistry 40S and either Pre-Calculus or Applied Mathematics 40S are required for students wishing to pursue a 4-year BSc. Entry into the program after completing a minimum of 30 credit hours.

GRADUATION REQUIREMENT 120 credit hours

GRADUATION GPA REQUIREMENT
Graduation minimum GPA is 2.5 (C+) in Major subject courses (Psychology and Biology) and 2.50 (C+) in Major subject courses.
Minimum 2.5 GPA (C+) based on all attempts (including course repeats and failures) in Psychology and Biology.
Minimum 2.5 GPA (C+) in all non-major subject courses calculated as for the general degree (i.e. F's are not included, and in the case of repeated courses, only the highest grade will be used).

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Distribution:	Minimum five (5) different subjects

MAJOR REQUIREMENT

Single Major:	Minimum 69 credit hours in the subject as per the Required Course list
Double Major:	Minimum 69 credit hours in Biopsychology and specified number of credit hours in other Major (may vary depending on interdisciplinary courses completed as they may be able to

be credited to both Majors).

Required courses:

- **PSYC-1000(6)** Introductory Psychology
- **CHEM-1111(3)** Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))
- **CHEM-1112(3)** Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))
- **BIOL-1115(3)** Cells and Cellular Processes (or the former BIOL-1111(6))
- **BIOL-1116(3)** Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))
- **PSYC-2102(3)** Introduction to Research Methods
- **PSYC-2900(3)** Physiological Psychology I
- **CHEM-2202(3)** Organic Chemistry I (or the former CHEM-2201(6))
- **CHEM-2203(3)** Organic Chemistry II (or the former CHEM-2201(6))
- **BIOL-2301(3)** Genetics (or the former BIOL-3301(3))
- **BIOL-3221(3)** Cell Biology
- **CHEM-3502(3)** Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules
- **CHEM-3503(3)** Intermediate Biochemistry II: Intermediary metabolism

Minimum of 3 credit hours to be selected from:

- **PSYC-2101(3)** Introduction to Data Analysis
- **STAT-1501(3)** Elementary Biological Statistics I
- **STAT-1301(3)** Statistical Analysis I

Minimum of 3 credit hours to be selected from:

- **PSYC-2600(3)** Introduction to Cognitive Psychology
- **PSYC-2610(3)** Perception I
- **PSYC-2800(3)** Fundamentals of Animal Learning
- **PSYC-2620(3)** Psycholinguistics
- **PSYC-2920(3)** Drugs & Behaviour

Minimum of 6 credit hours to be selected from:

- **BIOL-3602(3)** Comparative Animal Physiology I (or the former BIOL-3601(6))
- **BIOL-3603(3)** Comparative Animal Physiology II (or the former BIOL-3601(6))
- **BIOL-2111(6)** Comparative Chordate Zoology

Minimum of 6 credit hours to be selected from:

- **BIOL-3492(3)** Quantitative and Theoretical Biology
- **BIOL-3202(3)** Histology
- **BIOL-3303(3)** Molecular Genetics and Genomics (or the former BIOL-4302(3))
- **BIOL-4502(3)** Molecular Cell Biology
- **BIOL-4501(3)** Developmental Biology

Minimum of 3 credit hours at the 3000 level from Natural Science Courses in Psychology (**PSYC-36xx, PSYC-38xx** or **PSYC-39xx**). Minimum of 6 credit hours in Natural Science Courses in Psychology at 4000 level (**PSYC-46xx, PSYC-48xx** or **PSYC-49xx(3)** courses).

Advisory: Students are advised that a 4-year BSc is not normally sufficient for admission to graduate studies. Students normally enrol in **PSYC-2101(3)** and **PSYC-2102(3)** in their 2nd year.

REQUIREMENTS FOR THE 4-YEAR BSc IN BIOPSYCHOLOGY WITH A BUSINESS STREAM

Students must complete the requirements of the 4-year BSc in Biopsychology degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR AN HONOURS BSc IN BIOPSYCHOLOGY

This program allows students with demonstrated ability an opportunity to deal more extensively and intensively with the subject matter. Students are required to consult with a Departmental Honours Advisor at the time they enroll in 4000-level courses in the Psychology Department. Appointments for advising are arranged through the departmental secretary at 786-9130. Enrolling in 4000-level courses in the Biology department does not require a consultation with a faculty member.

ADMISSION REQUIREMENT

Students are required to consult with a Program Advisor or Coordinator in planning their course of study.
Both Chemistry 40S and either Pre-Calculus or Applied Mathematics 40S are required for students wishing to pursue a BSc Hons).
Entry into the program after completing a minimum of 30 credit hours.

GRADUATION REQUIREMENT 120 credit hours

GRADUATION GPA REQUIREMENT Graduation minimum GPA is 3.0 (B) in Honours subject courses (Psychology and Biology) and 2.75 in Non-Honours subject courses.
Minimum 3.0 GPA (B) based on all attempts (including course repeats and failures) in Psychology and Biology

Minimum 2.75 GPA (C+) in all Non-Honours Subject courses calculated as for the general degree (i.e. F's are not included, and in the case of repeated courses, only the highest grade will be used)

RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours
Honours: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities
Writing: Minimum 3 credit hours of Academic Writing
Indigenous: 3 credit hours in designated Indigenous requirement courses
Distribution: Minimum five (5) different subjects

HONOURS REQUIREMENT

Single Major: Minimum 87 credit hours in the subject as per the Required Course list
Double Major: Minimum 87 credit hours in Biopsychology and specified number of credit hours in other Major (may vary depending on interdisciplinary courses completed as they may be able to be credited to both Majors).

Required courses:

PSYC-1000(6) Introductory Psychology
CHEM-1111(3) Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))
CHEM-1112(3) Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))
BIOL-1115(3) Cells and Cellular Processes (or the former BIOL-1111(6))
BIOL-1116(3) Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))
PSYC-2102(3) Introduction to Research Methods
PSYC-2900(3) Physiological Psychology I
CHEM-2202(3) Organic Chemistry I (or the former CHEM-2201(6))
CHEM-2203(3) Organic Chemistry II (or the former CHEM-2201(6))
BIOL-2301(3) Genetics (or the former BIOL-3301(3))
BIOL-3221(3) Cell Biology
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism
PSYC-4100(6) Intermediate Research Design and Data Analysis

Minimum of 3 credit hours to be selected from:

PSYC-2101(3) Introduction to Data Analysis
STAT-1501(3) Elementary Biological Statistics I
STAT-1301(3) Statistical Analysis I

Minimum of 3 credit hours to be selected from:

PSYC-2600(3) Introduction to Cognitive Psychology
PSYC-2610(3) Perception I
PSYC-2800(3) Fundamentals of Animal Learning
PSYC-2620(3) Psycholinguistics
PSYC-2920(3) Drugs & Behaviour

Minimum of 6 credit hours to be selected from:

BIOL-3602(3) Comparative Animal Physiology I (or the former BIOL-3601(6))
BIOL-3603(3) Comparative Animal Physiology II (or the former BIOL-3601(6))
BIOL-2111(6) Comparative Chordate Zoology

Minimum of 6 credit hours to be selected from:

BIOL-3492(3) Quantitative and Theoretical Biology
BIOL-3202(3) Histology
BIOL-3303(3) Molecular Genetics and Genomics (or the former BIOL-4302(3))
BIOL-4502(3) Molecular Cell Biology
BIOL-4501(3) Developmental Biology

Six (6) credit hours to be selected from:

PSYC-4040(6) Honours Thesis in a Natural Science area of Psychology approved by Biopsychology faculty members
OR
BIOL-4111(6) Biology Honours Thesis

Minimum of 3 credit hours at the 3000 level from Natural Science courses in Psychology (**PSYC-36xx, PSYC-38xx OR PSYC 39xx**).

Minimum of 12 credit hours total from Natural Science Courses in Psychology (**PSYC-46xx, PSYC-48xx** or **PSYC-49xx**), Advanced Reading and Research in a Natural Science area of Psychology at the 4000 level approved by Biopsychology faculty members (**PSYC-4010(3), PSYC-4020(3)**), and Biology at the 4000 level (**BIOL-4xxx**), with a minimum of 6 credit hours from each department.

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

BUSINESS AND ADMINISTRATION (BUS)

Updated Jan. 30/18

Chair: Rosalie Harms; Professors: K. Harlos, S. Singh; Associate Professors: K. Breward, F. DiMuro, D. Duval, M. Kilgour, G. O'Farrell; Assistant Professors: S. Berge, O. Bullard, K. Fantazy, H. Mann, M. Zadeh Instructors: M. Breward,, P. Moreira, D. Mortimer, D. Ng

http://busandadmin.uwinnipeg.ca

DEGREES/PROGRAMS OFFERED

3- Year BBA
4- Year BBA
4- Year BBA – Economics and Finance – refer to the "Economics and Finance" section of the Academic Calendar
Joint Program with Red River College
Master in Management – See the *Graduate Studies Academic Calendar*.

Science with a Business Stream - refer to the "Science with a Business Stream" section of the Academic Calendar and specific Science Departments' calendar entries, as appropriate.

INTRODUCTION

The Bachelor of Business Administration degree offered through the Department of Business and Administration is designed for students who wish to pursue a career in business, or in the public or non-profit sectors. Our aim is to graduate socially and ethically responsible students capable of succeeding in a rapidly changing world.

The 3-year BBA is an excellent complement to a degree in another field, and is intended to be readily accessible as a part of a double degree program upon completion of additional coursework.

The 4-year BBA prepares students for managerial work and also for further study in business administration such as an MBA or other graduate degree program.

In addition to the above, the joint program with Red River College offers the opportunity to obtain both a Bachelor of Business Administration degree and a Business Administration Diploma in less time than it would normally take to obtain the two qualifications, by allowing credit for work completed at the alternate institution.

REQUIREMENTS FOR A 3-YEAR BBA

ADMISSION REQUIREMENT	Admission to The University of Winnipeg with credit for Pre-calculus or Applied Mathematics 40S
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major	Minimum 18 credit hours in BUS-#### courses
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
3-YEAR BBA REQUIREMENT	36 credit hours
Required courses:	33 credit hours of core courses:

BUS-1201 (3) Introduction to Business I
BUS-1202 (3) Introduction to Business II

BUS-2002 (3) Fundamentals of Financial Accounting
OR
BUS-2010 (3) Fundamentals of Financial Management and Administration

BUS-2103 (3) Fundamentals of Organizational Behaviour
BUS-2210 (3) Fundamentals of Marketing
BUS-2440 (3) Fundamentals of Human Resource Management
BUS-2501 (3) Fundamentals of Production and Operational Management
ACS-1803 (3) Introduction to Information Systems
ECON-1102 (3) Introduction to Economics: Micro
ECON-1103 (3) Introduction to Economics: Macro
POL-2320 (3) Government-Business Relations in Canada,

Corporate Social Responsibility Requirement:
Select one of the following courses:
BUS-3110 (3) Ethics in Management
BUS-3255 (3) Social Enterprise: From Theory to Practice
IDS-3101 (3) Development Ethics
PHIL-2201 (6) Moral Philosophy
PHIL-2230 (3) Moral Issues in Business
PHIL-2233 (3) Environmental Ethics
CRS-3231 (3) Ethics in Conflict Resolution

Additional Business Requirement: Minimum 3 credit hours of Business courses at the 3000 level or above (i.e. BUS-3###).

BUS-3110 (3) or BUS-3255 (3) can be used to fulfill both the Corporate Social Responsibility and the Additional Business Requirement.

Double Degree: Full 3-year BBA degree requirements as above and specified number of credit hours in other degree program.
Courses eligible for both programs may be counted towards both degrees.
Please note that additional credit hours will need to be completed to receive two degrees.

Combined Major: Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject. For the Business and Administration component, the following 18 credit hours are required at a minimum.
Students will be granted one degree (e.g., BBA, BA, or BSc) that reflects the degree program in which the majority of credit hours have been completed. The transcript will indicate the two departments that comprise the combined major.

Prescribed Courses:
BUS-1201 (3) Introduction to Business I
BUS-1202 (3) Introduction to Business II
BUS-2002 (3) Fundamentals of Financial Accounting
OR
BUS-2010 (3) Fundamentals of Financial Management and Administration

BUS-2210 (3) Fundamentals of Marketing
BUS-2440 (3) Fundamentals of Human Resource Management
OR
BUS-2103 (3) Fundamentals of Organizational Behaviour
BUS-2501 (3) Fundamentals of Production and Operational Management

REQUIREMENTS FOR A 4-YEAR BBA General Stream

ADMISSION REQUIREMENT Admission to The University of Winnipeg with credit for Pre-calculus or Applied Mathematics 40S..

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours in BUS-#### courses

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Social Science: 12 credit hours in Social Science
Writing: Minimum 3 credit hours of Academic Writing
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of

introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

4-YEAR BBA GENERAL STREAM REQUIREMENT 57 credit hours

Required courses: 33 credit hours of core courses (21 credit hours in BUS-#### courses, 12 in cognates)

BUS-1201 (3) Introduction to Business I
BUS-1202 (3) Introduction to Business II

BUS-2002 (3) Fundamentals of Financial Accounting
OR
BUS-2010 (3) Fundamentals of Financial Management and Administration

BUS-2103 (3) Fundamentals of Organizational Behaviour
BUS-2210 (3) Fundamentals of Marketing
BUS-2440 (3) Fundamentals of Human Resource Management
BUS-2501 (3) Fundamentals of Production and Operational Management
ACS-1803 (3) Introduction to Information Systems
ECON-1102 (3) Introduction to Economics: Micro
ECON-1103 (3) Introduction to Economics: Macro
POL-2320 (3) Government-Business Relations in Canada

Corporate Social Responsibility Requirement:

Select one of the following courses:
BUS-3110 (3) Ethics in Management
BUS-3255 (3) Social Enterprise: From Theory to Practice
IDS-3101 (3) Development Ethics
PHIL-2201 (6) Moral Philosophy
PHIL-2230 (3) Moral Issues in Business
PHIL-2233 (3) Environmental Ethics
CRS-3231 (3) Ethics in Conflict Resolution

Additional Business Requirements: 24 credit hours of additional Business and Administration courses (i.e., BUS-####) all of which must be at the 2000 level or above, including:
a minimum of 15 credit hours at the 3000 level or above
and of those, a minimum of 6 credit hours at the 4000 level are required.

BUS-3110 (3) or BUS-3255 (3) can be used towards fulfilling both the Corporate Social Responsibility and the Additional Business Requirements

The former BUS 3440 and the former BUS 3450 will be considered as BUS 4440 and BUS 4450 respectively for the purpose of fulfilling the 4000 level credit hours requirement within the 4-Year BBA.

Maximum BUS Courses: Maximum 78 credit hours of Business and Administration courses (BUS-####) may be used towards the degree.

REQUIREMENTS FOR A 4-YEAR BBA Concentration Stream

ADMISSION REQUIREMENT Admission to The University of Winnipeg with credit for Pre-calculus or Applied Mathematics 40S

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours in BUS-#### courses

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Social Science: 12 credit hours in Social Science
Writing: Minimum 3 credit hours of Academic Writing
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

4-YEAR BBA WITH CONCENTRATION STREAM REQUIREMENT 66 credit hours

Required courses: 33 credit hours of core courses (21 credit hours in BUS-#### courses, 12 in cognates)

BUS-1201 (3) Introduction to Business I
BUS-1202 (3) Introduction to Business II

BUS-2002 (3) Fundamentals of Financial Accounting
OR
BUS-2010 (3) Fundamentals of Financial Management and Administration

BUS-2103 (3) Fundamentals of Organizational Behaviour
BUS-2210 (3) Fundamentals of Marketing
BUS-2440 (3) Fundamentals of Human Resource Management
BUS-2501 (3) Fundamentals of Production and Operational Management
ACS-1803 (3) Introduction to Information Systems
ECON-1102 (3) Introduction to Economics: Micro
ECON-1103 (3) Introduction to Economics: Macro
POL-2320 (3) Government-Business Relations in Canada

Corporate Social Responsibility Requirement:
Select one of the following courses:
BUS-3110 (3) Ethics in Management
BUS-3255 (3) Social Enterprise: From Theory to Practice
IDS-3101 (3) Development Ethics
PHIL-2201 (6) Moral Philosophy
PHIL-2230 (3) Moral Issues in Business
PHIL-2233 (3) Environmental Ethics
CRS-3231 (3) Ethics in Conflict Resolution

Concentration Area Requirements: Minimum 12 credit hours in the chosen concentration;
of which a minimum of 9 credit hours are Business and Administration courses (i.e., BUS-####)
and of those, a minimum 3 BUS credit hours at the 4000 level are required

Please note that BUS-2002 (3) Fundamentals of Financial Accounting and BUS-2003 (3) Managerial Accounting are pre-requisites for advanced courses in the Accounting concentration. Students may declare up to two concentrations. The same course cannot be used to fulfill the requirements of two concentrations, unique courses in each concentration must be chosen.

Additional Business Requirements: Minimum 21 credit hours of Business and Administration courses (i.e., BUS-####) all of which must be at the 2000 level or above, in addition to those counted towards the specific concentration, including
a minimum of 12 credit hours at the 3000 level or above

4000 Level Requirement: Minimum 6 credit hours of Business and Administration courses (i.e., BUS-4###, of which a minimum of 3 credit hours must be in the concentration.

For students completing a second concentration, they may simply subtract the credit hours in the second concentration from these 21 credit hours (i.e., they would be completing: 12 credit hours in the first concentration following the specifications noted in the Concentration Area Requirements above, 12 credit hours in the second concentration (also adhering to the same specifications as the first concentration) and 9 credit hours of additional Business and Administration courses, all of which must be at the 2000 level or above.)

BUS-3110 (3) or BUS-3255 (3) can be used towards fulfilling both the Corporate Social Responsibility and the Additional Business Requirements

The former BUS 3440 and the former BUS 3450 will be considered as BUS 4440 and BUS 4450 respectively for the purpose of fulfilling the 4000 level credit hours requirement within the 4-Year BBA.

Maximum BUS Courses: Maximum 78 credit hours in Business and Administration courses (i.e. BUS-####) may be used towards the degree.

See next page for Concentration Areas

CONCENTRATION AREAS

Accounting
BUS-3003 (3) Cost Accounting
BUS-3102 (3) Intermediate Accounting – Assets
BUS-3103 (3) Intermediate Accounting – Equities
BUS-3120 (3) Canadian Taxation
BUS-3550 (3) Auditing
BUS-4002 (3) Advanced Financial Accounting
BUS-4005 (3) Accounting Theory & Contemporary Issues*
BUS-4050 (3) Advanced Management Accounting*
BUS-4920 (3) Business Strategy for Accountants

Marketing
BUS-3230 (3) Advertising
BUS-3240 (3) Consumer Behaviour
BUS-3260 (3) Retail Management
BUS-3271 (3) Marketing Research
BUS-4245 (3) Consumer Decision-Making: A Marketing Perspective
BUS-4540 (3) International Marketing
ACS-3907 (3) eCommerce*

Co-operative Enterprises
BUS-3300 - Management of Co-operatives
BUS-3301 - Co-operative Entrepreneurship
BUS-3302 - Co-operative and Credit Union Accounting and Performance Measures
BUS-4301 – Financing a Co-operative Business

International Business
BUS-3500 (3) International Management
BUS-4220 (3) International Business
BUS-4940 (3) Emerging Markets and Business Practices
ECON-3301 (3) International Trade
ECON-3302 (3) International Finance
IDS/ANTH -3160 (3) Cultural Perspectives on Global Processes*

Human Resource Management & Organizational Behaviour
BUS/WGS/POL-3321(3) Gender and Organizations
BUS 3410 (3) Compensation and Benefits
BUS 3420 (3) Recruitment and Selection
BUS 4440 (3) Contemporary Human Resource Issues**
BUS 4450 (3) Motivation, Teams and Power in Organizations**
BUS 4460- (3) Leadership and Fairness in Complex Organizations *
CRS-3240 (3) Workplace Conflict Resolution*
CRS 3220 (3) Models for Conflict Transformation*
CRS 4240 (3) Workplace Dispute System Design*
PSYC-3450 (3) Organizational Leadership and Decision Making*
SOC-2204 (3) Occupations and Professions*

* Courses may not be offered every academic year. Please consult with the relevant Department for planned course offerings.
**The former BUS 3440, 3450 and 3460 will be considered as BUS 4440, BUS 4450 and BUS 4460 respectively for the purpose of fulfilling the 4000 level credit hours requirement within the 4-Year BBA.
Note: Please consult the department for other relevant courses.

REQUIREMENTS FOR THE JOINT UNIVERSITY OF WINNIPEG/RED RIVER COLLEGE PROGRAM

In addition to the regular degree/programs offered, the University of Winnipeg and Red River College (RRC) have a cooperative agreement for a program of studies designed to afford students the opportunity to obtain both a degree (Bachelor of Business Administration) and a diploma (Business Administration Diploma) in less time than it would normally take to obtain the two qualifications, by allowing credit for work completed at the alternate institution. There are two options available.

Option A:
3-year or 4-year BBA: Students can receive **up to** 54 credit hours of transfer credits from RRC towards a degree at the University of Winnipeg. Upon admission to the University of Winnipeg, students' transcripts will be evaluated to determine specific credits eligible to be transferred from RRC. All students will be required to meet all University of Winnipeg degree requirements for their chosen degree, as indicated in the relevant Course Calendar.

Notes:
*High School Requirement: Pre-Calculus Mathematics 40S or Applied Mathematics 40S. Students with Consumer Math must complete additional Math course in first-year of program.
* Three credit hours of Academic Writing is required if grade less than 80% in English 40S (2 credits).
*There is a maximum number of additional credit hours that can be taken at the 1000 level in a degree program.
*Effective for new applicants for admission to the University of Winnipeg, having completed their programs at RRC from 2005/06 onward.

For complete details on transfer credits and requirements go to:
http://www.uwinnipeg.ca/index/fac-bus-ec-areas-study

Option B:
For University of Winnipeg BBA graduates to obtain the RRC Diploma, they must complete 50 to 75 credit hours at RRC to meet normal program requirements. The number of credit hours required will be dependent on the specific courses completed at the University of Winnipeg. Students interested in Option B are urged to consult with the Head of the Business Administration Program at RRC.

GENERAL INFORMATION

Course Selection
Students are advised to confirm Departmental offerings before planning their curriculum as certain courses may not be available in each term. Students are advised to ensure that currently listed courses do not duplicate material studied previously under different course numbers.
Students must meet Departmental prerequisites unless these are waived by the Chair of the Department concerned.
Students are encouraged to pursue courses in several discipline areas.
Students are advised to consult with the Chair or Faculty Advisor to ensure that they are correctly meeting departmental requirements.

COURSE LISTINGS

Students are advised to use WebAdvisor or consult the appropriate Timetable on the website to find out which courses will be offered in an upcoming term.

BUS-1201(3) Introduction to Business I
BUS-1202(3) Introduction to Business II
BUS-2002(3) Fundamentals of Financial Accounting
BUS-2003(3) Managerial Accounting
BUS-2010(3) Fundamentals of Financial Management and Administration
BUS/UIC/IS-2030(3) Management and Financial Administration for Community and Aboriginal Organizations
BUS-2103(3) Fundamentals of Organizational Behaviour
BUS-2210(3) Fundamentals of Marketing
BUS-2300(3) Fundamentals of Co-operatives
BUS-2440(3) Fundamentals of Human Resource Management
BUS-2501(3) Fundamentals of Production and Operational Management
BUS/ECON-2819(3) Corporate Finance I
BUS/ECON-2820(3) Corporate Finance II
BUS-3003(3) Cost Accounting
BUS-3102(3) Intermediate Accounting Assets
BUS-3103(3) Intermediate Accounting Equities
BUS-3110(3) Ethics in Management
BUS-3120(3) Canadian Taxation
BUS/HIST-3135(6) The Hudson's Bay Company and The Modern Department Store
BUS-3230(3) Advertising
BUS-3240(3) Consumer Behaviour
BUS-3250(3) Not-For-Profit Management
BUS-3255(3) Social Enterprise: From Theory to Practice
BUS-3260(3) Retail Management
BUS-3271(3) Marketing Research
BUS/ECON-3320(3) Managerial Finance
BUS/WGS/POL-3321(3) Gender and Organizations
BUS-3300(3) Management of Co-operatives
BUS-3301(3) Co-operative Entrepreneurship
BUS-3302(3) Co-operative and Credit Union Accounting and Performance Measures
BUS-3410(3) Compensation and Benefits
BUS-3420(3) Recruitment and Selection
BUS-3500(3) International Management
BUS-3502(3) Applications of Decision Sciences to Business
BUS-3510(3) Supply Chain Management
BUS-3550(3) Auditing
BUS-3600(3) Public Sector Financial Management
BUS-3660(3) Introduction to Commercial Law
BUS-3755(3) Entrepreneurship & Small Business Management
BUS/ECON-3819(3) Advanced Corporate Finance
BUS-3900(3) Topics in Business Administration & Management
BUS-3990(3) Directed Readings in Business and Administration
BUS-4002(3) Advanced Financial Accounting
BUS-4005(3) Accounting Theory & Contemporary Issues
BUS-4050(3) Advanced Management Accounting
BUS-4111(3) Business Competition
BUS-4220(3) International Business
BUS-4245(3) Consumer Decision-Making: A Marketing Perspective
BUS-4301(3) Financing a Co-operative Business
BUS-4440(3) Contemporary Human Resource Issues

BUS-4450(3) Motivation, Teams, and Power in Organizations
BUS-4460(3) Leadership & Fairness in Complex Organizations
BUS-4540(3) International Marketing
BUS-4750(3) Business Plan
BUS/ECON-4800(3) Investments
BUS/ECON-4801(3) Options, Futures & Derivatives
BUS-4900(3) Advanced Topics in Business & Management
BUS-4901(3) Business Strategy
BUS-4940(3) Emerging Markets and Business Practices

Experimental Courses

BUS-4920(3) Business Strategy for Accountants
BUS-2755(3) Fundamentals of Entrepreneurship and Business Planning

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

CHEMISTRY (CHEM)

Updated Feb 5, 2018

Chair: A. Ata; Professors Emeriti: B. Blackburn, H. Hutton; Professors: , D. Craig, K.J. Friesen, D. Goltz,; C. Wiebe, C. Wong; Associate Professors: M. Eze, J. Hollett, A. McCubbin, J. Ritch, D. Vanderwel, T. Wood; Instructors: K. Buffie, J. Galka, D. Latimer, E. Segstro.

DEGREES/PROGRAMS OFFERED

3-Year BSc
3-Year BSc (Business Stream)
4-Year BSc
4-Year BSc (Business Stream)
Honours BSc
Honours BSc (Business Stream)
4-Year BSc (UW/RRC)

INTRODUCTION

Chemistry is the study of the property and composition of matter, the transformations that matter may undergo, and the energies associated with such transformations. There are five main areas of chemistry: analytical chemistry, inorganic chemistry, organic chemistry, physical chemistry, and biochemistry. The department offers a solid foundation in each of these areas, plus more advanced courses for specialization at the senior level.

The Department of Chemistry offers 3-year, 4-year, and Honours BSc degrees in Chemistry. The department is also involved in several other interdisciplinary programs, most notably Biochemistry, Chemical Physics, and Environmental Studies (Chemistry Stream). An additional option available is the 4-year BSc program in Applied Chemistry, offered jointly by the University of Winnipeg and Red River College. Students pursuing a 3-year or 4-year BSc in Chemistry have the opportunity to take a Business Stream – a set of core courses in the Faculty of Business that will provide them with the skills needed to enter and succeed in industry and business. After completing the requirements of the BSc degree and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar, it will be noted on the student's transcript that they have satisfied the requirements of a BSc degree with a Business stream.

Chemists are involved in many fields, including environmental protection, pharmaceutical science, forensic science, toxicology, agricultural science, food science, education, geochemistry, biochemistry, materials science, biotechnology, oceanography, computer modelling, and plant management. Graduates from a 3-year BSc in Chemistry may proceed to professional schools in a health-related area (such as pharmacy, medicine, veterinary medicine, or dentistry), or to careers as diverse as education, library science, business administration, public administration, engineering and law. Graduates with 4-year or Honours degrees in Chemistry usually proceed directly to employment or to graduate school (to obtain an MSc or PhD degree). Ultimately, most obtain jobs either as technicians, managers, consultants or research scientists in industry or in government.

Arts students, with the required prerequisites, may take **CHEM-1111(3)** Introduction to the Chemical Properties of Matter, **CHEM-1112(3)** Basic Principles of Reactivity, or **CHEM-2801(3)** Environmental Issues: A Chemistry Perspective towards their Science requirement.

GENERAL INFORMATION

Prerequisites
Chemistry 40S **AND** either Pre-Calculus **OR** Applied Mathematics 40S are required for acceptance to the Chemistry Major program.

Laboratory Work
Laboratory work has been designed to complement the lecture material; students are able to work in small lab sections with the possibility of individual projects. In advanced labs, modern instrumental techniques and computer facilities are used extensively.

Pre-professional Program Requirements
Students planning to enter the Faculties of Dentistry or Medicine are required to take the following courses:

CHEM-1111(3)	Introduction to the Chemical Properties of Matter
CHEM-1112(3)	Basic Principles of Chemical Reactivity
CHEM-2202(3)	Organic Chemistry I
CHEM-2203(3)	Organic Chemistry II
CHEM-3502(3)	Intermediate Biochemistry I
CHEM-3503(3)	Intermediate Biochemistry II

Students planning to enter professional faculties would normally take the above courses in sequence. However, provided that a minimum grade of 75 (or equivalent) was obtained in Chemistry 40S, the course **CHEM-1111(3)** may be taken concurrently with **CHEM-2202(3)**, while **CHEM-1112(3)** may be taken concurrently with **CHEM-2203(3)**. Also, provided that a minimum grade of B+ was obtained in both **CHEM-1111(3)** and **CHEM-1112(3)**, the course **CHEM-2202(3)** may be taken concurrently with **CHEM-3502(3)**, while **CHEM-2203(3)** may be taken concurrently with **CHEM-3503(3)**.

REQUIREMENTS FOR THE 3-YEAR BSc IN CHEMISTRY

ADMISSION REQUIREMENT Students must consult with a department advisor in planning their course of study.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 30 credit hours
Major: Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 33 credit hours/Maximum 48 credit hours in Major subject.
Double Major: 33 credit hours in Chemistry and specified number of credit hours in the other department/program.

Required courses:
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
CHEM-2102(3) Thermodynamics and Kinetics
OR CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
MATH-1101(6) Introduction to Calculus
OR MATH-1103(3) Introduction to Calculus I
AND MATH-1104(3) Introduction to Calculus II
PHYS-1101(6) Foundations of Physics I
OR PHYS-1301(6) Introduction to Physics

Plus an additional 12 credit hours of 2000-, 3000-, and/or 4000-level Chemistry courses.

Combined Major:
Prescribed Courses:
15 credit hours from CHEM-2102(3) Thermodynamics, CHEM-2202(3) Organic Chemistry I, CHEM-2203(3) Organic Chemistry II, CHEM-2302(3) Quantitative Chemical Analysis, CHEM-2401(3) Inorganic Chemistry I.

3 credit hours from CHEM-3101(3) Physical Chemistry of Condensed Phases, CHEM-3102(3) Quantum Chemistry and Spectroscopy, CHEM-3202(3) Reaction Mechanisms in Organic Chemistry, CHEM-3204(3) Organic Structure Determination, CHEM-3205(3) Organic Synthesis, CHEM-3302(3) Methods of Chemical Analysis, CHEM-3401(3) Inorganic Chemistry II, CHEM-3502(3) Intermediate Biochemistry I, CHEM-3503(3) Intermediate Biochemistry II, CHEM-3601(3) Environmental Chemistry.

Students must complete a Declaration of Major in a three-year Degree Program form, available from Student Central, before entering Year 2 of their studies.
Students are advised to consult with the Department when planning their studies.

REQUIREMENTS FOR THE 3-YEAR BSc IN CHEMISTRY WITH A BUSINESS STREAM

Students must complete the requirements of the 3-year BSc in Chemistry degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR THE 4-YEAR BSc IN CHEMISTRY

ADMISSION REQUIREMENT Students must consult with a department advisor when planning their studies.

GRADUATION REQUIREMENT 120 credit hours, that is, 90 credit hours meeting the requirements for the 3-Year BSc plus 30 additional credit hours**.**

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours

Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities.
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major: Minimum 54 credit hours/Maximum 78 credit hours in the Major subject. Maximum total of cognate and major courses is 84 credit hours combined.
Double Major: Minimum 54 credit hours in Chemistry and specified number of credit hours in other Major.

Required courses:

CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
CHEM-2502(3) Introduction to Biochemistry
OR CHEM-3502(3) Intermediate Biochemistry I
CHEM-3302(3) Methods of Chemical Analysis
CHEM-3401(3) Inorganic Chemistry II: Coordination Chemistry
MATH-1101(6) Introduction to Calculus
OR MATH-1103(3) Introduction to Calculus I
AND MATH-1104(3) Introduction to Calculus II
PHYS-1101(6) Foundations of Physics I
OR PHYS-1301(6) Introduction to Physics

Minimum 3 credit hours selected from the following courses:
PSYC-2101(3) Introduction to Data Analysis
STAT-1301(3) Statistical Analysis I (or the former **STAT-1201(6)** Intro to Stat Analysis)
STAT-1501(3) Elementary Biological Statistics I
Any Mathematics course numbered 2000 or above (MATH-2xxx) with the exceptions of MATH-2901(3) (History of Calculus) MATH-2902 (Math Prior to 1640), MATH-2905 (MATH/PHIL-2305 Philosophy and Mathematics) and MATH-2801(6) (Fundamentals of Computing), MATH-2903 Math for Early/Middle Year Teachers I.

Plus an additional 21 credit hours of 2000-, 3000- and/or 4000-level Chemistry courses.
Selection of Chemistry Courses: The 4-Year major requires a minimum of 54 credit hours in Chemistry. Since some senior courses are given in alternate years, all 4-Year majors are urged to seek academic advising within the Department **EACH YEAR** to avoid potential scheduling problems.

The following pattern of Chemistry courses is suggested:

Year 1 - 6 credit hours: **CHEM-1111(3)** Introduction to the Chemical Properties of Matter; **CHEM-1112(3)** Basic Principles of Chemical Reactivity.

Year 2 - 12 to 18 credit hours of the following required courses: **CHEM-2102(3)** Thermodynamics and Kinetics; **CHEM-2103(3)** Atoms, Molecules and Spectroscopy; **CHEM-2202(3)** Organic Chemistry I; **CHEM-2203(3)** Organic Chemistry II; **CHEM-2302(3)** Quantitative Chemical Analysis; **CHEM-2401(3)** Inorganic Chemistry I; **CHEM-2502 (3)** Introduction to Biochemistry; **CHEM-3302(3)** Methods of Chemical Analysis; **CHEM-3401(3)** Inorganic Chemistry II.
Note: If **CHEM-3401(3)** is selected then **CHEM-2202(3)** and **CHEM-2203(3)** must also be taken in Year 2. Students are advised to consult with the Department.

Year 3 - 18 credit hours in Chemistry, including the required courses that were not taken in Year 2.

Year 4 - 18 credit hours in Chemistry.

Note: A student would normally specialize in one or more areas of Chemistry (Analytical, Organic, Physical, Inorganic, Biochemistry) in Years 3 and 4 and should seek advice concerning course selection.

Note: It is recommended the following be taken in :
Year 1: **MATH-1101(6)** Introduction to Calculus **OR MATH-1103(3)** Introduction to Calculus I
AND MATH-1104(3) Introduction to Calculus II
Year 1 or 2: **PHYS-1101(6)** Foundations of Physics I **OR PHYS-1301(6)** Introduction to Physics
Students must complete a 4-Year BSc Degree form, available from Student Services.

Combined Major:
Prescribed Courses:
15 credit hours from CHEM-2202(3) Organic Chemistry I, CHEM-2203(3) Organic Chemistry II, CHEM-2102(3) Thermodynamics and Kinetics, CHEM-2302(3) Quantitative Chemical Analysis, CHEM-2401(3) Inorganic Chemistry I.

3 credit hours from CHEM-3101(3) Physical Chemistry of Condensed Phases, CHEM-3102(3) Quantum Chemistry and Spectroscopy, CHEM-3202(3) Reaction Mechanisms in Organic Chemistry, CHEM-3204(3) Organic Structure Determination, CHEM-3205(3) Organic Synthesis, CHEM-3302(3) Methods of Chemical Analysis, CHEM-3401(3) Inorganic Chemistry II, CHEM-3502(3) Intermediate Biochemistry I, CHEM-3503(3) Intermediate Biochemistry II, CHEM-3601(3) Environmental Chemistry.

REQUIREMENTS FOR THE 4-YEAR BSc IN CHEMISTRY WITH A BUSINESS STREAM

Students must complete the requirements of the 4-year BSc in Chemistry degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR THE BSc (HONOURS) IN CHEMISTRY

ADMISSION REQUIREMENT
Students must have completed 30 credit hours.
Students must consult with and have the approval of the Department Chair or the Chair's designate when planning their studies.

GRADUATION REQUIREMENT 120 credit hours

Graduation GPA Requirement: To graduate with a BSc (Honours), students must have a minimum GPA of 3.0 on all major (Chemistry) courses which will be calculated on all course attempts in the major, and a minimum GPA of 2.75 on all non-major courses which will be calculated as for the general degree.

RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours

Honours: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities.

Writing: Minimum 3 credit hours of Academic Writing.

Indigenous: 3 credit hours in designated Indigenous requirement courses

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours: Minimum 60 credit hours in the Major subject.
Minimum 30 credit hours in upper-level (3000 and 4000) Honours subject courses of which a minimum of 12 credit hours must be at the 4000 level.

Required courses:

CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
CHEM-2502(3) Introduction to Biochemistry
OR CHEM-3502(3) Intermediate Biochemistry I
CHEM-3302(3) Methods of Chemical Analysis
CHEM-3401(3) Inorganic Chemistry II
CHEM-4302(3) Instrumentation for Quantitative Analysis
CHEM-4303(3) Analytical Separations
CHEM-4701(6) Research Projects in Chemistry
MATH-1101(6) Introduction to Calculus
OR MATH-1103(3) Introduction to Calculus I
AND MATH-1104(3) Introduction to Calculus II
PHYS-1101(6) Foundations of Physics I
OR PHYS-1301(6) Introduction to Physics

Minimum 3 credit hours selected from the following courses:

PSYC-2101(3) Introduction to Data Analysis
STAT-1301(3) Statistical Analysis I (or the former **STAT-1201(6)** Intro to Stat Analysis)
STAT-1501(3) Elementary Biological Statistics I
Any Mathematics course numbered 2000 or above (MATH-2xxx) with the exceptions of MATH-2901(3) (History of Calculus) MATH-2902 (Math Prior to 1640), MATH-2905 (MATH/PHIL-2305 Philosophy and Mathematics) and MATH-2801(6) (Fundamentals of Computing), MATH-2903 Math for Early/Middle Year Teachers I. Plus an additional 15 credit hours of 2000-, 3000- and/or 4000 level Chemistry courses.

Plus an additional 18 credit hours selected from at least 2 departments and from the following list:

BIOL-1115(3) Cells and Cellular Process
BIOL-1116(3) Evolution, Ecology and Biodiversity

BIOL-2301(3)	Genetics
BIOL-3303(3)	Molecular Genetics and Genomics
BIOL-3221(3)	Cell Biology
BIOL-3901(3)	Microorganisms and Disease
GEOG-1201(3)	Introductory Atmospheric Science
GEOG-1202(3)	Introductory Earth Science
GEOG-2213(3)	Introductory Soil Science
GEOG-2214(3)	Soil-Vegetation Systems
MATH-1201(3)	Linear Algebra I
MATH-2101(6)	Intermediate Calculus
MATH-2102(3)	Differential Equations I
MATH-2103(3)	Differential Equations II
MATH-2203(3)	Linear Algebra II
MATH-3101(6)	Advanced Calculus
PHYS-2105 (3)	Mathematical Physics I
PHYS-2106 (3)	Mathematical Physics II
PHYS-2201(6)	Electricity and Magnetism
PHYS-2302(6)	Foundations of Physics II
STAT-1301 (3)	Statistical Analysis I
STAT-1302 (3)	Statistical Analysis II
STAT-1201 (6)	Introduction to Statistical Analysis
STAT-2001(3)	Statistical Analysis for Chemists and Biologists
STAT-2501(3)	Statistical Quality Control
STAT-2903(3)	Introduction to Statistical Computing

Students must complete an Honours BSc Degree form, available from Student Central.

REQUIREMENTS FOR THE HONOURS BSc IN CHEMISTRY WITH A BUSINESS STREAM

Students must complete the requirements of the Honours BSc in Chemistry degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 4-YEAR BSc (JOINT PROGRAM IN APPLIED CHEMISTRY)

INTRODUCTION

This is a joint degree program whereby students take courses at both The University of Winnipeg and Red River College in a prescribed sequence.

Students are required to complete courses at both institutions. Students will begin their program of study by completing 60 credit hours of course work at The University of Winnipeg. The next 30 credit hours are completed at Red River College and then students return to The University of Winnipeg to complete the final 30 credit hours. Students successfully completing the entire program will receive a joint degree parchment from Red River College and The University of Winnipeg. **N.B. Transfer of courses between institutions applies only to students who are officially registered in the joint program.**

ADMISSION REQUIREMENT

Students must meet the entrance requirements for admission to The University of Winnipeg. Applications to the program in Applied Chemistry must be completed through the Admissions Office of The University of Winnipeg by March 1st in order to enter the program in September.

GRADUATION REQUIREMENT

120 credit hours, that is, 90 credit hours meeting the requirements for the BSc General plus 30 additional credit hours.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities.
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

Required Courses: (These are the Core courses for all Applied Chemistry BSc students)

UW COURSES

CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
CHEM-3302(3) Methods of Chemical Analysis
CHEM-3401(3) Inorganic Chemistry II: Coordination Chemistry
CHEM-3601(3) Environmental Chemistry
CHEM-4302(3) Instrumentation for Quantitative Analysis
CHEM-4303 (3) Analytical Separations

PLUS

BIOL-1115(3) Cells and Cellular Process
BIOL-1116(3) Evolution, Ecology and Biodiversity
RHET-1103(3) Academic Writing: Sciences
MATH-1101(6) Introduction to Calculus
OR MATH-1103(3) Introduction to Calculus I
AND MATH-1104(3) Introduction to Calculus II
PHYS-1301(6) Introduction to Physics

PLUS

12 Credit hours Humanities
18 Credit hours Electives

RRC COURSES

CBST-1014 Microbiology 1
CBST-1025 Data Analysis
CBST-1031 Introductory Biochemistry
CBST-1040 Quality Systems
CBST-1041 Regulatory Compliance
CBST-1070 Principles of Hazardous Materials Management
CBST-1090 Introductory Statistics
CBST-2017 Microbiology 2
CBST-3001 Advanced Biochemistry
ENVI-1011 Environmental Chemistry/Toxicology

The following pattern of courses is suggested:

4-Year Program

Year 1 - University of Winnipeg

CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
RHET-1103(3) Academic Writing: Sciences
MATH-1101(6) Introduction to Calculus
OR the equivalent
MATH-1103(3) Introduction to Calculus I
AND MATH-1104(3) Introduction to Calculus II
PHYS-1301(6) Introduction to Physics
3 Credit hours Humanities

Year 2 - University of Winnipeg

CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-3302(3) Methods of Chemical Analysis
6 Credit hours Electives
6 Credit hours Humanities

Year 3 - Red River College

CBST-1014 Microbiology 1
CBST-1025 Data Analysis
CBST-1031 Introductory Biochemistry
CBST-1040 Quality Systems
CBST-1041 Regulatory Compliance
CBST-1070 Principles of Hazardous Materials Management
CBST-1090 Introductory Statistics
CBST-2017 Microbiology 2
CBST-3001 Advanced Biochemistry
ENVI-1011 Environmental Chemistry/Toxicology

Year 4 - University of Winnipeg

CHEM-2401(3) Inorganic Chemistry I
CHEM-3401(3) Inorganic Chemistry II: Coordination Chemistry
CHEM-3601(3) Environmental Chemistry
CHEM-4302(3) Instrumentation for Quantitative Analysis
CHEM-4303 (3) Analytical Separations
3 Credit hours Humanities
12 Credit hours Electives

COURSE LISTINGS

Students should consult Web Advisor or the appropriate Timetable on the website for courses to be offered in the upcoming term. **A number of senior courses are offered on a rotation basis and are given in alternate years.** Students are advised to consult with the Department **in advance** when planning their curriculum.

CHEM-0100(3) Foundations of Chemistry
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
CHEM-2502(3) Introduction to Biochemistry
CHEM-2701(3) Computer Techniques and Applications for Chemistry
CHEM-2801(3) Environmental Issues: A Chemistry Perspective
CHEM-3101(3) Physical Chemistry of Condensed Phases
CHEM-3102(3) Quantum Chemistry and Spectroscopy
CHEM-3202(3) Reaction Mechanisms in Organic Chemistry
CHEM-3204(3) Organic Structure Determination
CHEM-3205(3) Organic Synthesis
CHEM-3206(3) Advanced Organic Chemistry Laboratory
CHEM-3302(3) Methods of Chemical Analysis
CHEM-3401(3) Inorganic Chemistry II: Coordination Chemistry
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism
CHEM-3601(3) Environmental Chemistry
CHEM/ENV-3611(3) Environmental Toxicology
CHEM-3701(3) Directed Studies in Chemistry
CHEM-4101(3) Quantum Chemistry
CHEM-4204(3) Medicinal Chemistry
CHEM-4302(3) Instrumentation for Quantitative Analysis
CHEM-4303(3) Analytical Separations
CHEM-4401(3) Organometallic d-Block Chemistry
CHEM-4403(3) Advanced Main Group Chemistry
CHEM-4502(3) Molecular Enzymology
CHEM-4506(3) Methods in Biochemistry
CHEM-4701(6) Research Projects in Chemistry
CHEM-4703(3) Topics in Chemistry

EXPERIMENTAL COURSE LISTINGS

CHEM-2503(3) Principles of Biochemistry
CHEM-3504(3) Plant Biochemistry
CHEM-4507(3) Drug Design

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

CLASSICS (CLAS)

Greek and Roman Studies

Updated Jan. 31, 2018

Chair: Associate Professor M. Gibbs; Professor Emeritus M. Golden, J. I. McDougall; Professor: M. MacKinnon; Associate Professor: P. Ripat, A. Surtees, C. Whately; Assistant Professor: P. J. Miller.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor

INTRODUCTION

Classics is the study of the Ancient Greek and Roman worlds from the perspectives of literature, history, archaeology, and art history. For various historical reasons, the Classical world and Classical languages have had an enormous influence on critical contemporary concepts as, for example, democracy, athletics, medicine, politics, and philosophy. Moreover, the literature and art of ancient Greece and Rome continue to be a source of creative inspiration for writers, artists, and filmmakers across the globe. The University of Winnipeg Classics Department is committed to a critical approach to the ancient Mediterranean world and its diverse historical interpretations. The multicultural nature of the ancient Mediterranean world provides the opportunity to contemplate in the past issues of current importance, such as community identity in multiethnic settings, the influence of various political systems on the historical development of communities, the dynamics of social and economic inequality, the function of literature in the creation of cultural values, and the relationship between technology and leisure - or between technology and the exertion of power. The courses offered are designed to provide a broader and deeper contemplation of ancient society and of ourselves as members of our own contemporary society. Courses in Classics in themselves constitute a liberal education but may also be taken to supplement one or another of a wide range of disciplines. A degree in Classics prepares students for any pursuit that involves analytic thinking and clear communication of complex ideas. Within the Classics Department, you may choose to concentrate on courses in Classical Civilization or on courses which study the Classical languages of Latin and Ancient Greek. The Classics Department offers the 3-Year, 4-Year, and Honours BA degrees. The Department of Classics participates in the Interdepartmental Minor in Comparative Literature. For eligible courses, please see Comparative Literature in this Calendar.

REQUIREMENTS FOR A 3-YEAR BA IN CLASSICS

ADMISSION REQUIREMENT Students must consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 30 credit hours/Maximum 48 credit hours in the Major subject.
Double Major:	30 credit hours in Classics and specified number of credit hours in the other department/program.

Programs of study are available in two different areas: Classical Civilization and Classical Languages (Latin and/or Greek).
Students majoring in Classical Civilization are encouraged (but not required) to take a minimum of 3 credit hours of Introductory Latin (CLAS-1100) or 3 credit hours of Introductory Greek (CLAS-1200).
Students majoring in Classical Languages must have 30 credit hours in Latin and/or Greek.

Students are advised to consult with a member of the Department as to the most desirable program to fit their individual needs.

Combined Major:	Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject.
Prescribed courses:	To be determined in consultation with the Department.

REQUIREMENTS FOR A 4-YEAR BA IN CLASSICS

ADMISSION REQUIREMENT Students must consult with a member of the Department in planning their course of study. Minimum 30 credit hours completed previously.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 66 credit hours in the Major subject.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program.

Programs of study are available in two different areas: Classical Civilization and Classical Languages (Latin and/or Greek). Students majoring in Classical Languages must have 36 credit hours in Latin and/or Greek. Students are advised to consult with a member of the Department as to the most desirable program to fit their individual needs.

Combined Major:	Minimum 60 credit hours from 2 different majors with not less than 24 credit hours from each major subject.
Prescribed courses:	To be determined in consultation with the department advisor.

REQUIREMENTS FOR AN HONOURS BA IN CLASSICS (CLASSICAL LANGUAGES)

ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.
Entry, continuing, and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT 120 credit hours, with minimum 3.0 GPA in Honours subject courses and 2.5 GPA in Non-Honours Subject courses.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours**,** including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject. Minimum 30 credit hours in 4000-level Honours courses.
Double Honours:	Minimum 36 credit hours in each Honours subject. Minimum 24 credit hours in 4000-level Honours courses in the Classics component of the double Honours. For the requirements of the other Honours subject, consult the department involved.

Required Courses for BA Honours in Classics (Classical Languages):
CLAS-4400(6) Thesis

Students, particularly those intending to pursue graduate studies in Classics, are advised to take as many 4000-level courses in the two languages as possible. All 3000-level courses in the two languages are offered at the 4000 level, and will be supplemented for Honours students to meet the requirements of the Honours program. In addition to the Thesis, Honours students in the Classical Language stream may use the following 4000-level courses towards their degree requirements:

CLAS-4000(3) Advanced Studies in Classics and Classical Archaeology
CLAS-4100(6) Poetry of the Republic
CLAS-4110(6) Prose Literature of the Republic and Augustan Age
CLAS-4120(6) Poetry of the Augustan Age
CLAS-4130(6) Poetry of the Empire
CLAS-4140(6) Prose Literature of the Empire
CLAS-4210(6) Archaic Greek Poetry
CLAS-4220(6) Greek Tragedy and Comedy
CLAS-4230(6) Greek History and Philosophy
CLAS-4240(6) Greek Oratory
CLAS-4250(6) Hellenistic Prose and Poetry
CLAS-4256(3) Tutorial in Ancient Language and Literature

REQUIREMENTS FOR AN HONOURS BA IN CLASSICS (CLASSICAL CIVILIZATION)

ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.
Entry, continuing, and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT	120 credit hours, with a minimum 3.0 GPA in Honours Subject courses and 2.5 GPA in Non-Honours Subject courses.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject. Minimum 18 credit hours in 4000-level Honours courses.
Double Honours:	Minimum 36 credit hours in each Honours subject. Minimum 15 credit hours in 4000-level Honours courses in the Classics component of the double Honours. For the requirements of the other Honours subject, consult the department involved.

Required Courses for BA Honours in Classics (Classical Civilization):

CLAS-1011(3) Greek Society
CLAS-1012(3) Roman Society
CLAS-2701(3) Classical Mythology

At least two of:
CLAS-2301(3) The History of Archaic Greece
CLAS-2302(3) The History of Classical Greece
CLAS-2303(3) The History of the Roman Republic
CLAS-2304(3) The History of the Roman Empire

At least 9 credit hours of Latin and/or Ancient Greek

At least 12 credit hours from:
CLAS-2000(3) The Heroic Age of Greece
CLAS-2002(3) Greek Art and Architecture
CLAS-2003(3) Roman Art and Architecture
CLAS-2004(3) Rise of the Old World Civilization

CLAS-2901(3) Introduction to Ancient Art and Art History
CLAS-2910(3) Introductory Classical Archaeology: Principles and Practices
CLAS-3260(3) Advanced Classical Archaeology: Issues and Controversies
CLAS-3901/4901(3) Advanced Ancient Art and Art History

OR another course in Material Culture with permission of the department

CLAS-4400(6) Thesis

In addition to the above, students must complete 18 credit hours at the 4000-level (including 6 credit hours from the required CLAS-4400(6) Thesis) for Single Honours and 15 credit hours at the 4000-level for Double Honours. Information about these courses is available from the Department.

REQUIREMENTS FOR A MINOR IN CLASSICS: LANGUAGE STREAM

Degree: Students completing any undergraduate degree program are eligible to hold the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level.
Residence Requirement: Minimum 12 credit hours in the Minor subject.
Required Courses:

CLAS-1100(3) Introductory Latin I
CLAS-1101(3) Introductory Latin II
CLAS-2100(6) Intermediate Latin Texts

Either **one** of:
CLAS-3100(6)/4100(6) Poetry of the Republic
CLAS-3110(6)/4110(6) Prose Literature of the Republic and Augustan Age
CLAS-3120(6)/4120(6) Poetry of the Augustan Age
CLAS-3130(6)/4130(6) Poetry of the Empire
CLAS-3140(6)/4140(6) Prose Literature of the Empire

Or **two** of:
CLAS-3255(3) Topics in Greek and Latin
CLAS-3256(3)/4256(3) Tutorial in Ancient Language and Literature (when the works studied are Latin)
Both of these courses can be taken more than once.

OR

CLAS-1200(3) Introductory Greek I
CLAS-1201(3) Introductory Greek II
CLAS-2200(6) Intermediate Greek Texts

Either **one** of:
CLAS-3210(6)/4210(6) Archaic Greek Poetry
CLAS-3220(6)/4220(6) Greek Tragedy and Comedy
CLAS-3230(6)/4230(6) Greek History and Philosophy
CLAS-3240(6)/4240(6) Greek Oratory
CLAS-3250(6)/4250(6) Hellenistic Prose and Poetry

Or **two** of:
CLAS-3255(3) Topics in Greek and Latin
CLAS-3256(3)/4256(3) Tutorial in Ancient Language and Literature (when the works studied are Greek)
Both of these courses can be taken more than once.

Restrictions: Students cannot declare the same subject as a Major and a Minor.

REQUIREMENTS FOR A MINOR IN CLASSICS: CIVILIZATION STREAM

Degree: Students completing any undergraduate degree program are eligible to hold the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level.
Residence Requirement: Minimum 12 credit hours in the Minor subject.
Required Courses: 6 credit hours at the 1000 level
6 credit hours at the 2000 level
3 credit hours at the 3000 level
3 further credit hours at any level
Restrictions: Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Neither **CLAS-1011(3)** Greek Society nor **CLAS-1012(3)** Roman Society is required as a prerequisite for study of any of the offerings in Classics.

Students may complete the following courses to obtain credit towards the Major in another Department or Program:
CLAS-2000(3) The Heroic Age of Greece – Art History
CLAS-2002(3) Greek Art and Architecture – Art History

CLAS-2003(3)	Roman Art and Architecture – Art History
CLAS-2004/ANTH-2211(3)	Rise of Old World Civilization – Anthropology
CLAS-2010/HIST-2090(3)	Topics in Classical Studies – History
CLAS-2301/HIST-2080(3)	The History of Archaic Greece – History
CLAS-2302/HIST-2089(3)	The History of Classical Greece – History
CLAS-2303/HIST-2081(3)	The History of the Roman Republic – History
CLAS-2304/HIST-2097(3)	The History of the Roman Empire – History
CLAS/THFM-2405(3)	Staging Greek and Roman Drama – Theatre and Film
CLAS-2800/LING-2208(3)	Greek and Latin in Today's English – Interdisciplinary Linguistics
CLAS/KIN-2850(3)	The Classical Roots of Medical Terminology – Kinesiology and Applied Health
CLAS-2920/ANTH-2229(3)	Food, Diet and Dining in Antiquity – Anthropology
CLAS-2950/HIST-2099(3)	The Roman Army – History
CLAS/HIST-3006(3)	Topics in Ancient History – History
CLAS/KIN-3060/ANTH-3262(3)	Health in Antiquity – Kinesiology and Applied Health, Anthropology
CLAS-3090(3)/HIST-3903(3)	Classical and Medieval Science – History
CLAS-3310/HIST-3140(3)	Alexander the Great – History
CLAS-3320/ANTH-3261(3)	Death in Antiquity – Anthropology
CLAS/ENGL-3754(3)	Ancient Epic in Translation – English
CLAS/ENGL-3755(3)	Ancient Drama in Translation – English
CLAS/ENGL-3756(3)	Topics in Ancient Literature – English
CLAS-3830/4830/HIST-3011(3)	Kingdoms and City-States – History
CLAS-3840/4840/HIST-3010(3)	Provinces and Subjects – History
CLAS-3850/4850/HIST-3009(3)	Eras – History

Graduate Studies
Students who plan to proceed to graduate studies in Classics are strongly advised to enroll in as many language courses as possible.

4000-Level Courses: Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).
Permission of the department is required for each 4000-level course.

COURSE LISTINGS

The Classics Department has organized its courses into two areas of specialization. This division is provided as a guideline to the Areas of Study available for concentration.

CLASSICAL CIVILIZATION

Students whose primary interest is the study of civilization and culture may complete any of a wide range of courses which do not require a knowledge of the Latin and Greek languages. These have been organized into different categories to aid the student in selecting relevant courses.

SOCIAL BACKGROUND

CLAS-1011(3)	Greek Society
CLAS-1012(3)	Roman Society
CLAS-1015(3)	Everyday Life in the Greek and Roman World
CLAS-2010(3)	Topics in Classical Studies
CLAS-2020(6)	Athenian Law and Society
CLAS-2050(3)	Education in the Ancient World
CLAS-2071(3)	Women in the Family in Greece and Rome
CLAS-2702(3)	Religion in Greece and Rome
CLAS-2703(3)	Magic and Divination in the Greek and Roman World
CLAS-2920(3)/ ANTH-2229(3)	Food, Diet and Dining in Antiquity
CLAS-2950(3)/ HIST-2099(3)	The Roman Army
CLAS-3010(3)	Directed Readings
CLAS-3060(3)/ KIN-3060(3)/ ANTH-3262(3)	Health in Antiquity
CLAS-3320(3)/ ANTH-3261(3)	Death in Antiquity
CLAS-3820(3)/ CLAS-4820(3)	Spectacle and Ritual
CLAS-3870(3)/ 4870(3)	Sexuality, Sex, and Gender in the Greek and Roman Worlds

HISTORICAL BACKGROUND

CLAS-2000(3)	The Heroic Age of Greece
CLAS-2010(3)/ HIST-2090(3)	Topics in Classical Studies
CLAS-2081(3)	Sites of the Ancient Greek and Roman World I
CLAS-2082(3)	Sites of the Ancient Greek and Roman World II
CLAS-2301(3)/ HIST-2080(3)	The History of Archaic Greece
CLAS-2302(3)/ HIST-2089(3)	The History of Classical Greece
CLAS-2303(3)/ HIST-2081(3)	The History of the Roman Republic
CLAS-2304(3)/ HIST-2097(3)	The History of the Roman Empire
CLAS/HIST-3006(3)	Topics in Ancient History
CLAS-3310(3)/ HIST-3140(3)	Alexander the Great
CLAS-3830(3)/ 4830(3)/HIST-3011(3)	Kingdoms and City-States
CLAS-3840(3)/ 4840(3)/HIST-3010(3)	Provinces and Subjects
CLAS-3850(3)/ 4850(3)/HIST-3009(3)	Eras

MATERIAL CULTURE

CLAS-2000(3)	The Heroic Age of Greece
CLAS-2002(3)	Greek Art and Architecture
CLAS-2003(3)	Roman Art and Architecture

CLAS-2081(3)	Sites of the Ancient Greek and Roman World I
CLAS-2091(3)	Sites of the Ancient Greek and Roman World II
CLAS/THFM-2405(3)	Staging Greek and Roman Drama
CLAS-2901(3)	Introduction to Ancient Art and Art History
CLAS-2910(3)	Introductory Classical Archaeology: Principles and Practices
CLAS-3260(3)	Advanced Classical Archaeology: Issues and Controversies
CLAS-3901(3)/ 4901(3)	Advanced Ancient Art and Art History
CLAS-3910(3)/ 4910(3)	Ancient Environment and Ecology
CLAS-3500(6)/ 4500(6)	Experiential Learning in Classics and Classical Archaeology

LITERATURE

CLAS/THFM-2405(3)	Staging Greek and Roman Drama
CLAS-2701(3)	Classical Mythology
CLAS-3010(3)	Directed Readings
CLAS/ENGL-3754(3)	Ancient Epic in Translation
CLAS/ENGL-3755(3)	Ancient Drama in Translation
CLAS/ENGL-3756(3)	Topics in Ancient Literature

HISTORY OF IDEAS

CLAS-2020(6)	Athenian Law and Society
CLAS-2050(3)	Education in the Ancient World
CLAS-2701(3)	Classical Mythology
CLAS-2702(3)	Religion in Greece and Rome
CLAS-2800(3)/ LING-2208(3)	Greek and Latin in Today's English
CLAS-3090(3)/ HIST-3903(3)	Classical and Medieval Science
CLAS/ENGL-3754(3)	Ancient Epic in Translation
CLAS/ENGL-3755(3)	Ancient Drama in Translation
CLAS/ENGL-3756(3)	Topics in Ancient Literature

LATIN AND GREEK

A reasonable number of courses of Latin and Greek is made available to students each year. The complete value of Classical Training can only be attained through study of the two Classical languages. In the introductory courses **(CLAS-1100(3), CLAS-1101(3), CLAS-1200(3),** and **CLAS-1201(3)),** students are provided with the linguistic skills necessary to enable them to read Greek and Latin fluently. In the intermediate and senior language courses emphasis is placed on training students to read with comprehension as quickly as possible, and in the process of reading the ancient authors students are acquainted with the vital aspects of Greek and Roman civilization. A wide range of offerings is available in both Latin and Greek. These courses provide students with the sound linguistic background essential for graduate work.

LATIN

CLAS-1100(3)	Introductory Latin I
CLAS-1101(3)	Introductory Latin II
CLAS-2100(6)	Intermediate Latin Texts
CLAS-3100(6)/ 4100(6)	Poetry of the Republic
CLAS-3110(6)/ 4110(6)	Prose Literature of the Republic and Augustan Age
CLAS-3120(6)/ 4120(6)	Poetry of the Augustan Age
CLAS-3130(6)/ 4130(6)	Poetry of the Empire
CLAS-3140(6)/ 4140(6)	Prose Literature of the Empire
CLAS-3256(3)/ 4256(3)	Tutorial in Ancient Language and LiteratureCLAS-4400(6) Thesis

GREEK

CLAS-1200(3)	Introductory Greek I
CLAS-1201(3)	Introductory Greek II
CLAS-2200(6)	Intermediate Greek Texts
CLAS-3210(6)/ 4210(6)	Archaic Greek Poetry
CLAS-3220(6)/ 4220(6)	Greek Tragedy and Comedy
CLAS-3230(6)/ 4230(6)	Greek History and Philosophy
CLAS-3240(6)/ 4240(6)	Greek Oratory
CLAS-3250(6)/ 4250(6)	Hellenistic Prose and Poetry
CLAS-3256(3)/ 4256(3)	Tutorial in Ancient Language and Literature
CLAS-4400(6)	Thesis

Students are advised to consult the appropriate Timetable available on the website for courses to be offered during the current session.

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

COMPARATIVE LITERATURE (COMP)

Janaury 23, 2018

Note: Courses offered in the COMP Program use regular department codes.
Contacts: Professors: L. Rodriguez and S. Viselli, Modern Languages and Literatures; Associate Professors: T. Babcock, Chair of Theatre and Film, and R. Byrnes, Rhetoric, Writing, and Communications; Instructor: H. Curle, Theatre and Film.
R. Berg, Office Manager, Modern Languages and Literatures; M. Tallin, Office Manager, Theatre and Film.
Department Chairs and/ or Office Managers may also be contacted for information on currently scheduled COMP courses and the names of Instructors. Chairs of the participating Departments and Programs are responsible for signing off on students' Minors at the point of graduation.

PROGRAM OFFERED
Interdepartmental Minor

INTRODUCTION
The Interdepartmental Minor in Comparative Literature was introduced in 2016 by the Department of Modern Languages and Literatures, as a new Minor open to all students. The University of Winnipeg is the only institution in Manitoba offering a program in Comparative Literature.

Comparative Literature is the study of literary expression across linguistic, cultural or national borders. Most often, it examines a genre, a theme, a style, an historical or cultural event, as it appears in literary works written in two or more different languages (works read in translation). The range of inquiry may include comparisons between literature and other artistic forms (such as painting, film, photography, music, or oral tradition), as well as with other academic domains (such as linguistics, philosophy, politics or science).

The Comparative Literature Minor offers a diverse intercultural reading program, aimed at international awareness, knowledge and understanding. Comparative Literature, with its intercultural and transnational focus, is particularly appealing to Humanities majors, and to other students interested in languages, bilingualism or relations between language and culture. Comparatists have, or develop, some interest in translation studies, critical theory, history, art, or cultural studies, among other fields. The Minor gives students the opportunity for a flexible reading program suited to their personal interests and to a liberal arts education.

Comparative Literature is a domain in expansion in many universities in North America and in the world, and this Minor constitutes an excellent undergraduate preparation for several graduate options.

REQUIREMENTS FOR A MINOR IN COMPARATIVE LITERATURE

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 3 credits at each level (2000, 3000 or 4000)
Residence Requirement:	A Minimum of 12 credit hours in the Minor subject
Departmental Distribution:	The COMP Minor is an Interdepartmental Program combining courses offered in different Arts departments and programs, with 9 credits required from one department, and a total of 9 credits from two (or more) other departments. Permission of Instructor may be sought for courses with prerequisites.
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

COURSE LISTINGS
Students are advised to consult the appropriate Timetable or WebAdvisor for courses offered during the current term.
The list of Comparative Literature courses offered in each academic year is also available at the Department of Modern Languages and Literatures, and at other departments offering COMP courses that year.

CLAS-3255 (3) Topics in Greek and Latin*
HIST-3816 (6) Art & Architecture of Pilgrimage
CLAS-3754 (3) Ancient Epic in Translation
CLAS-3755 (3) Ancient Drama in Translation
CLAS-3756 (3) Topics in Ancient Literature*
ENG-2114 (6) Fairy Tales, Fantasy and Culture
ENG-2710/ MOD-2710 (3) Literature in Translation*
ENGL 3401 (6) Tragedy and Comedy in Drama
ENGL-4740 (6) Topics in Comparative Literature*
ENGL/WGS-2933 (6) Survey of Women Writers
FREN-4115 (3) Literary Translation
FREN-4284 (3) Literature & the Visual Arts
FREN-2384 (3) Literary Avant-Garde in French
FREN-3580/4580(3) Le siècle des Lumières
FREN-3581/4581(3) Lumières et Révolution
FREN-4730 (3) La Renaissance
HIST-3828 (3/6) Dada & Surrealism: Art of the Unconscious
HIST-4802 (6) French Art & Culture around 1900
IS-4125 (3) Indigenous Languages: Culture, Rights and Conflicts
THFM-2401/HIST-2190 (3) Theatre History I
THFM-2402 (3) Theatre History II
THFM-2410/HIST-2191 (6) History of Film
THFM-2703/ENGL2703 (3) Play Analysis
THFM-3401/HIST-3190 (3) Theatre History III
THFM-4441 (3) Theatre Aesthetics
WGS-3005 (3) Gender in Fairytale Film and Cinematic Folklore

* Rotation Course: May be repeated for credit when topic varies.
Other courses:
New courses or experimental courses not listed above.
Special Topics,Tutorials or Directed Readings, such as FREN-4021 or SPAN-3910.

COURSE DESCRIPTIONS
Course descriptions for all undergraduate programs can be found in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

CONFLICT RESOLUTION STUDIES (CRS)

(OFFERED IN COOPERATION WITH MENNO SIMONS COLLEGE)

Updated Feb. 8, 2018

Coordinator: Neil Funk-Unrau (Associate Dean of Menno Simons College); Associate Professor Emeritus: P. Redekop; Associate Professors: J. Derksen, N. Funk-Unrau, A. Snyder, S. Stobbe; Assistant Professor: J. Arnold; Instructors: J. Dueck-Read, K. Ridd.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Minor

INTRODUCTION

Conflict Resolution Studies (CRS) seeks to understand the nature and dynamics of human conflict, and to look at appropriate alternatives for dealing with conflict in ways which develop healthy relationships and prevent violence. Conflicts are analyzed from an interdisciplinary perspective together with topics such as violence, power, justice, peace, communication, culture, war, conflict transformation and dispute resolution. CRS prepares students to understand and interact constructively in response to personal, local and global conflict situations.

Conflict Resolution Studies is one of the two majors offered through Menno Simons College (MSC), an affiliated college of the University of Winnipeg. There is flexibility in this program to allow for double majors. All MSC students register as University of Winnipeg students. All degrees are conferred by The University of Winnipeg. For additional information about Menno Simons College, see “Other Programs” in the Course Calendar.

Students choosing to major in CRS should consider the following points:

1. The 3-year CRS BA is designed for students who have an interest in Conflict Resolution Studies, with a particular focus on the interpersonal, Restorative Justice, Nonviolence, or Conflict, Poverty and Development.

2. The 4-year CRS BA is designed for students who plan to pursue professional work or graduate studies in the field of conflict resolution.

3. The CRS minor is designed for students pursuing a degree within another discipline, who have an interest in the intersection of Conflict Resolution Studies, Peace Studies and their chosen field.

REQUIREMENTS FOR A 3-YEAR BA IN CONFLICT RESOLUTION STUDIES

ADMISSION REQUIREMENT	Students must consult with the MSC Academic Advisor in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree	Minimum 36 credit hours
Major	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	3 credit hours in Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	42 credit hours at the 1000 level
Distribution:	Minimum 3 credit hours from each of 5 subject areas
MAJOR REQUIREMENT	
Single Major:	Minimum 36 credit hours / Maximum 54 credit hours in CRS.
Double Major:	Minimum 36 credit hours in CRS and a specified number of credit hours in another major subject.
Combined Major:	Minimum 48 credit hours in CRS and another major subject with not fewer than 18 credit hours in each major. Note: CRS courses **must** be selected in consultation with the MSC Academic Advisor.

Required CRS Courses (18 credit hours)
CRS-1200(6) Introduction to Conflict Resolution Studies
CRS-2210(3) Conflict Theory and Analysis*
CRS-2211(1.5) Coaching Skills Workshop*
CRS-2241(3) Conflict and Culture*
CRS-3220(3) Models for Conflict Transformation*
CRS-3221(1.5) Mediation Skills Workshop*
AND:
An additional 3 credit hours from **each** of the three CRS concentrations.
An additional 9 credit hours from CRS Core or CRS Area courses.

REQUIREMENTS FOR A 4-YEAR BA IN CONFLICT RESOLUTION STUDIES

ADMISSION REQUIREMENT	Students must consult with the MSC Academic Advisor in planning their course of study
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree	Minimum 60 credit hours
Major	Minimum 33 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	3 credit hours in Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	42 credit hours at the 1000 level
Distribution:	Minimum 3 credit hours from each of 5 subject areas
MAJOR REQUIREMENT	
Single Major:	Minimum 48 credit hours / Maximum 66 credit hours in CRS and a minimum of 24 credit hours of Cognate courses (see below). Of the required CRS Core courses, a minimum of 6 credit hours must be at the 4000 level.
Double Major:	Minimum 48 credit hours in CRS, a minimum of 24 credit hours of Cognate courses (see below), and a specified number of credit hours in another major. Of the required CRS Core courses, a minimum of 6 credit hours must be at the 4000 level.
Cognate:	Minimum 24 credit hours: Minimum 6 (maximum 15) credit hours from designated Research & Skills courses, Minimum 6 (maximum 12) credit hours from designated Language Skills courses, & Minimum 12 credit hours from CRS Area Courses.
Combined Major:	Minimum 60 credit hours in CRS and another major subject with not fewer than 24 credit hours in each major. Note: CRS courses must be selected in consultation with the MSC Academic Advisor.

Required CRS Courses (24 credit hours)
CRS-1200(6) Introduction to Conflict Resolution Studies
CRS-2210(3) Conflict Theory and Analysis*
CRS-2211(1.5) Coaching Skills Workshop*
CRS-2241(3) Conflict and Culture*
CRS-3220(3) Models for Conflict Transformation*
CRS-3221(1.5) Mediation Skills Workshop*
CRS-3299(3) or CRS-3298(6) Practicum in Conflict Resolution Studies*
CRS-4200(3) Senior Seminar in Conflict Resolution Studies*
AND:
An additional 3 credit hours from **each** of the three CRS concentrations.
An additional 12 credit hours in **one** of the three CRS concentration.
An additional 3 credit hours in CRS Core or CRS Area Courses.
An additional 24 credit hours of Cognate courses (see above).

REQUIREMENTS FOR A MINOR IN CONFLICT RESOLUTION STUDIES

ADMISSION REQUIREMENT Students have the option of consulting with the MSC Academic Advisor for assistance in planning their Minor.

Degree: Students completing any undergraduate degree program are eligible to hold the Minor.

Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level.

Residence Requirement: Minimum 12 credit hours in the Minor subject.

Required courses: Minimum 18 credit hours of Conflict Resolution Studies courses, including:
CRS-1200 Introduction to Conflict Resolution Studies
Minimum 6 credit hours chosen from any CRS 2000-level courses
Minimum 6 credit hours chosen from any CRS 3000-level courses
NOTE: Students may not use CRS-3298(6) Practicum in Conflict Resolution Studies or CRS-3299(3) Practicum in Conflict Resolution Studies to fulfill the requirements for a minor.

Restrictions: Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Prerequisites:
Students are advised that certain courses have prerequisites. Courses with prerequisites are marked with an asterisk.

Practicum Opportunities:
Practicum placements enable students to develop skills and apply classroom theory to real-life situations. They may require significant preparatory work and generally last from three to six months in either a local or an international setting. It is preferred that students taking part in an international practicum do so prior to their final semester of courses. **Students must explore options with the Practicum Director well in advance of the term in which they propose to engage in these practicum activities.** To register, students need permission from the Practicum Director and they must have a cumulative grade point average of 2.75.

Required Core Courses for Practicum:
CRS-1200(6) Introduction to Conflict Resolution Studies
CRS-2210(3) Conflict Theory and Analysis*
CRS-2211(1.5) Coaching Skills Workshop*
CRS-3220(3) Models for Conflict Transformation*
CRS-3221(1.5) Mediation Skills Workshop*

COURSE LISTINGS

CRS Core Courses
These courses have been developed by CRS faculty to address core areas of importance to the theoretical and practical exploration of Conflict Resolution Studies. Introduction to Conflict Resolution Studies, Conflict Theory and Analysis, Models for Conflict Transformation, Conflict and Culture, and the Senior Seminar provide students with an overall framework for an understanding of the complexities of conflict in contemporary life and span all categories. The Coaching Skills Workshop, Mediation Skills Workshop, and Practicum provide grounding in basic skills necessary for effective conflict resolution. The remaining courses are organized in terms of three specific concentrations.

CRS-1200(6) Introduction to Conflict Resolution Studies
CRS-2210(3) Conflict Theory and Analysis*
CRS-2211(1.5) Coaching Skills Workshop*
CRS-2241(3) Conflict and Culture*
CRS-3220(3) Models for Conflict Transformation*
CRS-3221(1.5) Mediation Skills Workshop*
CRS-3299(3) or CRS-3298(6) Practicum in Conflict Resolution Studies*
CRS-4200(3) Senior Seminar in Conflict Resolution Studies*

CRS Course Concentrations

I) Conflict Resolution and Restorative Justice
CRS-2221(3) Restorative Justice*
CRS-2232(3) Introduction to Conflict Resolution in Educational Settings*
CRS-2242(3) Methods of Conflict Resolution in Educational Settings*
CRS-2251(3) Conflict in the Family I*
CRS-2252(3) Conflict and Communication*
CRS-2261(3) Conflict in the Family II*
CRS-2271(3) Conflict within Groups*
CRS-2421(3) Legal Systems and Alternative Dispute Resolution*
CRS-2431(3) Negotiation Theory and Practice*

CRS-3231/4231(3) Ethics in Conflict Resolution*
CRS-3240(3) Workplace Conflict Resolution*
CRS-3252/4252(3) Advanced Study of Conflict Within Groups*
CRS-4224(3) Inner Peace and Conflict Transformation*
CRS-4240(3) Workplace Conflict Resolution System Design*
CRS-4252(3) Advanced Mediation Practice*

II) Peace Studies and Nonviolent Social Movements
CRS/HIST/MENN-2131(3) History of Peace and Nonviolence I
CRS/HIST/MENN-2132(3) History of Peace and Nonviolence II
CRS-2231(3) Nonviolent Social Change*
CRS-2262(3) Conflict, Faith and Community*
CRS-3242(3) Women and Peacemaking*
CRS-3331(3) Genocide, War and Violent Conflict*
CRS-3332(3) Trauma and Violence*
CRS/IDS-3910(3) Peace Theory and Practice*
CRS-3931(3) Human Rights and Conflict Resolution*
CRS/HR-4350(3) Truth, Memory and Reconciliation*
CRS/IDS-4910(3) Conflict and the Construction of the Other*

III) Conflict, Poverty, and Development
CRS/IDS-2443(3) Conflict and Development Issues in Indigenous Communities*
CRS-3272(3) Refugees and Forced Migration
CRS/HR-3410(3) Transitional Justice*
CRS/IDS-3901(3) Humanitarian Aid and Conflict: Do No Harm*
CRS/IDS-4920(3) Program Planning in Development and Conflict Resolution*
CRS/IDS-4922(3) Program Evaluation in Development and Conflict Resolution*

CRS Special Courses
These courses are offered on an occasional basis as the opportunity arises. The specific course concentration depends on the topic of the course at any given time. Consult the MSC Academic Advisor or Program Coordinator for details.
CRS-2111(1.5) Special Topics Workshop
CRS-2281(3) Selected Topics in Conflict Resolution Studies
CRS-3262(3) Critical Issues in Conflict Resolution

CRS Area Courses
Area courses are rooted in traditional disciplines as well as other interdisciplinary programs and address issues that are directly relevant to the CRS Program. These courses are organized below into general categories emphasized through the CRS course concentrations, although any of these courses may relate to more than one of the CRS concentrations. Categories of research and language skills are included to emphasize the specialized cognate courses recommended for the 4-year program.

Note: Most courses from other departments and programs will have their own prerequisites. Courses requiring prerequisites are marked with an asterisk. It is the student's responsibility to determine what the prerequisites are.

Note: The Area Courses list is meant to be a list of courses complementary to the special interests of CRS students. Because curriculum offerings keep changing, and because students may have some specific interests not included in the Area Courses list, students may make application to the MSC Academic Advisor to consider some other courses relevant to their major interests for inclusion as Area Courses.

Conflict Resolution and Restorative Justice
BUS-2103(3) Fundamentals of Organizational Behaviour*
BUS-3110(3) Ethics in Management *
BUS/WGS-3321(3) Gender & Organizations*
CJ-2125(3) Victimology*
CJ-2203(3) Institutional Corrections*
CJ-2204(3) Community Corrections*
CJ-3204(3) Crime Prevention*
CJ-3500(3) Interpersonal Violence
IDS/ENV-2521(3) Voluntary Simplicity*
PHIL-2202(3) Health Care & Bioethics
PHIL-2207(3) Philosophy of Law*
PHIL-2252(3) Philosophy of the Social Sciences
PSYC-2410(3) Social Psychology II*
PSYC-2450(3) Organizational Psychology II*
PSYC-3050(3) Culture and Psychology*
PSYC-3450(3) Organizational Leadership and Decision Making*
PSYC/CJ-3470(3) Forensic Psychology*
PSYC-3480(3) Interpersonal Communication*
PSYC-3740(3) Introduction to Family Processes
PSYC-4450(3) Advanced Organizational Psychology*
PSYC-4760(3) Introduction to Counselling Theory*
PSYC-4770(3) Introduction to Interviewing*
REL-2304(3) Atheism, Skepticism and Religion
REL-2507(3) Sexuality in the Religious Context
REL-2513(3) Health, Healing and Spirituality in Cross-Cultural Perspective
REL-3601(3) Storied Lives: Contemporary Spiritual Biographies and the Construction of Identity
SOC-2103(3) Sociology of Families*
SOC-2115(6) Sociology of Socialization and Development*
SOC-2118(6) Sex and Gender Relationships*
SOC-2119(6) Sociology of Law*
SOC-2307(3) Sociology of Youth*
SOC-3123(3) Crime, Victimization and Justice in Aboriginal Communities*
SOC-3128(3) Sociology of Sexuality*
SOC-3201(3) Sociology of Youth Justice*
SOC-3203(3) Theories of Penality*
SOC-3205(3) Policing, Governance and Security*

Peace Studies and Social Movements
CLAS-2020(6) Athenian Law and Society
CLAS-2701(3) Classical Mythology
CLAS-2702(3) Religion in Greece and Rome
ENGL-2722(6) Postcolonial Literatures and Cultures*

ENGL-3151(6) Critical Theory: An Introduction*
ENGL-3180(6) The Making of Peace and War in Literatures*
ENGL-3901(6) Queer Literature, Culture and Theory*
ENGL-4110(6) Critical Theory*
GEOG-2408(3) Environmental Perception and Human Behaviour*
HIST-3112(6) Militarism in the Modern World
HIST-3542(6) Gender, Class and Ethnicity in Canadian History
HIST-4530(6) Advanced Studies in Canadian Social History
HR-2100(3) Concepts and Conventions in Human Rights
HR/HIST-2200(3) History of Human Rights in Canada
HR-3210(3) Human Rights Institutions*
HR-2600(6) Emerging Issues in Human Rights
HR-3550(3) Human Rights, Human Security & the UN*
IS-3100(3) International Rights of Indigenous Peoples*
MENN/HIST-3108(3) Gender and Mennonites
PHIL-2208(3) War and Peace
POL-2400(6) Canadian Politics
POL-2410(6) Human Rights and Civil Liberties in Canada
POL-2505(3) Issues in City Politics
POL-3110(3) International Organization*
POL-3115(3) Gender and Global Politics*
POL-3120(3) International Law*
POL-3135(3) Global Security*

POL-3320(3) Women and the Law
POL-3400(3) Indigenous Politics in Canada
POL-3405(3) Indigenous Politics in Manitoba
POL-3411(3) Indigenous People in Canada & the Law
POL-3415(3) Indigenous Justice & Canadian Law
POL-3510(3) Interest Groups and New Social Movements
REL-2402(3) Fundamentalisms in Global Perspective
REL-2404(3) Religion and Culture: Religions in Encounter and Change
REL-2405(3) Religion and Culture: The Multifaith Society
REL-2711(3) Contemporary Islam
REL-2801(3) Introduction to Indigenous Spirituality
REL-2802(3) Indigenous and Christian Encounter
RHET-3138(3) Modern Rhetorical Theory*
SOC-2110(6) Social Change*
SOC-3214(3) Mass Communication and Media*
SOC-3215(3) Popular Culture*
WGS-4004(3) Cultural Studies and Feminism*
WGS-4232(3) Practical Feminisms*

Conflict, Poverty and Development
ANTH/IDS-2160(3) Indigenous People and the Industrial State*
ANTH/IDS-3160(3) Cultural Perspectives on Global Processes*
ECON-2303(3) Labour Economics*
ECON-2317(3) Environmental Economics*
HIST-2509(6) History of the Indigenous Peoples of Canada
HIST-2510(3) Indigenous Peoples of Canada to 1815
HIST-2511(3) Indigenous Peoples of Canada since 1815
HIST-4570(6) Indigenous People and Newcomers in Encounter: Selected Topics
IDS-2110(3) Participatory Local Development*
IDS-2131(3) Rural Development*
IDS/MENN-3150(3) Mennonite Community and Development*
IS-2050(3) Indigenous Peoples, Lands, and Resources
MENN-2101(3)/HIST-2108(3) Mennonite Studies I
MENN/HIST-3116(3) Mennonites and World Issues
PHIL-2233(3) Environmental Ethics
POL-4301(6) Administrative Theory*
SOC-2105(6) Race, Ethnic and Aboriginal Relations*
SOC-3101(6) Globalization and Social Justice: A Sociological Perspective*
SOC-3104(6) Globalization and Societies in the World System*
SOC-4413(6) Seminar in Race and Ethnic Relations*

Research Skills Courses
ANTH-3125/4125(3) Ethnographic Research Methods*
CJ-2101(3) Criminal Justice Research Methods*
CRS/IDS-3920(3) Action Research Methods*
IS-3012(3)/ANTH-3170(3) Ethnoecology: A Research Approach*
POL-3224(3) Research Methods and Project Design
PSYC-2101(3) Introduction to Data Analysis*
PSYC-2102(3) Introduction to Research Methods*
PSYC-4100(6) Intermediate Research Design and Data Analysis*
PSYC-4410(3) Research Seminar in Social Psychology*
REL-3804/4804(3) Indigenous Spirituality: Research Methods*
RHET-2135(3) Rhetorical Criticism*
SOC-2125(3) Introduction to Quantitative Research Methods*
SOC-2126(3) Introduction to Research Design and Qualitative Research*
WGS-3200(6) Feminist Research Methodologies Seminar*

Language Skills Courses
EALC-1100(6) Introduction to Japanese Language
EALC-1200(6) Introduction to Chinese Language
EALC-1300(6) Introduction to Korean Language
FREN-1101(3) Elementary French 1
FREN-1102(3) Elementary French 2
FREN-1103(3) Elementary French 3
FREN-1104(3) Intermediate French 1*
FREN-2105(3) Intermediate French 2*
GERM-2201(6) Intermediate German*
IS-1101(6) Introductory Cree
IS-1201(6) Introductory Ojibwe
ITAL-1001(6) Introductory Italian
REL-2010(6) Introduction to Modern Standard Arabic*
SPAN-1001(6) Introductory Spanish
SPAN-2001(6) Intermediate Spanish*

*Requires prerequisite.

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

COOPERATIVE EDUCATION (COOP)

Updated Jan 31, 2017

INTRODUCTION

The University offers opportunities for applied and experiential learning through cooperative work experiences, called Co-ops. Several Departments and Faculties have experiential learning courses and other opportunities established as courses within their own curricula. The University of Winnipeg's Co-operative Education Program is open to all undergraduate students from all disciplines. The Co-op courses provide a university-wide means for Departments or Faculties to organize and recognize paid work terms as Co-op work terms for their students. For more information, please visit: http://uwinnipeg.ca/coop-program/index.html

COURSE LISTINGS

COOP-2999(0-3) CO-OP WORK TERM I
COOP-3999(0-3) CO-OP WORK TERM II (Specific section may be cross-listed with ACS-3700(3) Health Internship)
COOP-4999(0-3) CO-OP WORK TERM III

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in the back portion of the print Undergraduate Academic Calendar. They are also available in one large PDF in the "Academic Calendar" section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

CRIMINAL JUSTICE (CJ)

Updated March 28, 2018

Chair: Professor S. Kohm; Professor: M. Weinrath; Associate Professors: K. Walby, M. Bertrand; Assistant Professors: B. Dobchuk-Land, M. D. Spencer; Instructors: J. Lothian Murray, K. Gorkoff, J. Franklin.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor
MA - Details are available in the 2018-19 *Graduate Studies Academic Calendar.*

INTRODUCTION

The Criminal Justice program examines topics including crime, offenders, victims, the criminal justice system and other forms of social sanctions and controls. Our students learn about historical and contemporary explanations of crime, and become familiar with research literature in criminology and on criminal justice agencies such as police, courts and corrections. Students are challenged to think critically about key issues confronting the criminal justice system, the strengths and limits of possible reforms, and the ethical dilemmas facing criminal justice practitioners.

Graduates may find career opportunities in policing and law enforcement, institutional, community or youth corrections, victim services, public policy, criminal justice or social welfare programming, evaluation and research. The program also provides a strong background for those who wish to pursue graduate studies and law school.

REQUIREMENTS FOR A 3-YEAR BA IN CRIMINAL JUSTICE

ADMISSION REQUIREMENT	Students are advised, but not required to consult with a member of the Department in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours.
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours.
Major:	Minimum 18 credit hours.
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities.
Science:	6 credit hours in Science.
Writing:	3 credit hours in Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may take a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum 3 credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 36 credit hours.
Double Major:	Minimum 36 credit hours in Criminal Justice and a specified number of credit hours in a second Major. Courses credited to the Criminal Justice Major may also be counted in the second major if they meet the requirements of the second major. Students are advised to consult with a major advisor in the appropriate department with respect to course requirements in the second Major.

1000-level Course Requirement
All students are required to complete 6 credit hours of 1000 level Political Science, SOC-1101(6), or PSYC-1000(6) as part of their undergraduate CJ degree.

Required Courses
CJ-1002(3) Introduction to Criminal Justice
CJ-2100(3) Foundations of Criminal Justice
CJ-2101(3) Criminal Justice Research Methods
CJ-2130(3) Criminal Law
CJ-3205(3) Professional Ethics

Plus an **additional** 12 credit hours from Criminal Justice courses. The remaining 9 credit hours must be taken from Interdisciplinary Electives.

Note: Students may satisfy the Criminal Justice Research Methods CJ-2101(3) requirement by instead taking Sociology **SOC-2125(3) & SOC-2126(3)**; or Psychology **PSYC-2101(3) & PSYC-2102(3).** Two courses must be completed in these other departments to meet the methods requirement.

Combined Major	Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

REQUIREMENTS FOR A 4 YEAR BA IN CRIMINAL JUSTICE

ADMISSION REQUIREMENT Students are advised, but not required to consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT 120 credit hours.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours.
Major:	Minimum 30 credit hours.
Double Major:	Minimum 30 credit hours in each Major.
Combined Major:	Minimum 15 credit hours in each Major.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities.
Science:	6 credit hours in Science.
Social Sciences:	12 credit hours in Social Sciences.
Writing:	3 credit hours in Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may take a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum 3 credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours / maximum 66 credit hours.
Double Major:	Minimum 48 credit hours in each Major subject; a minimum of 48 credit hours in Criminal Justice. Courses that are credited to the Criminal Justice Major may also be counted in the second Major if they meet the requirements of the second Major. Students are advised to consult with a Major advisor in the appropriate department with respect to course requirements in the second Major.
Combined Major:	Maximum total of elective and major courses is 84 credit hours combined. Minimum 60 credit hours from two Major subjects with not less than 24 credit hours from each major subject.

1000-level Course Requirement
All students are required to complete 6 credit hours of 1000 level Political Science, SOC-1101(6), or PSYC-1000(6) as part of their undergraduate CJ degree.

Required Courses – 21 credit hours
CJ-1002(3) Introduction to Criminal Justice
CJ-2100(3) Foundations of Criminal Justice
CJ-2101(3) Criminal Justice Research Methods
CJ-2120(3) Policing in Canada
CJ-2130(3) Criminal Law
CJ-2203(3) Institutional Corrections
CJ-3205(3) Professional Ethics

Plus an **additional 18** credit hours of Criminal Justice courses (not including CJ-2120(3) and CJ-2203(3). The **remaining 9** credit hours must be taken from Interdisciplinary Electives.

Note: Students may satisfy the Criminal Justice Research Methods CJ-2101(3), requirement by instead taking Sociology **SOC-2125(3) & SOC-2126(3)**; or Psychology **PSYC-2101(3) & PSYC-2102(3).** Two courses must be completed in these other departments to meet the methods requirement.

REQUIREMENTS FOR AN HONOURS BA IN CRIMINAL JUSTICE

ADMISSION REQUIREMENT
Entry into the program after completing a minimum of 30 credit hours.
Students must consult with and have the approval of the Departmental Honours advisor to be admitted into the program and to register for Honours courses.

Entry into the program, continuing in the program, and graduation require a minimum GPA of 3.0 (B) in Honours subject courses and 2.5 (C+) in Non-Honours subject courses.
The minimum GPA 2.5 GPA (C+) in all Non-Honours subjects will be calculated as for the general degree (i.e., F grades are not included. In the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT Minimum 120 credit hours.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours.
Honours:	Minimum 30 credit hours, including a minimum of 18 credit hours at the upper level (3000-4000) of which a minimum 9 must be taken at the 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities.
Science:	6 credit hours in Science.
Writing:	3 credit hours in Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may take a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum 3 credit hours from each of five (5) different subjects.

Honours Requirement

Single Honours:	Minimum 54 credit hours / Maximum 78 credit hours in the Honours subject. Minimum 30 credit hours at the upper level (3000-4000). Minimum 18 credit hours in 4000-level Honours courses.
Double Honours:	Minimum 36 credit hours in each Honours subject. Minimum 24 credit hours at the upper level (3000/4000) in the Criminal Justice component of the double Honours of which a minimum of 18 credit hours must be at the 4000 level. For the requirements of the other Honours subject, consult the department involved.

1000-level Course Requirement
All students are required to complete 6 credit hours of 1000 level Political Science, SOC-1101(6), or PSYC-1000(6) as part of their undergraduate CJ degree.

Required 4000 level courses Honours:

CJ-4116(3) Program and Policy Evaluation
CJ-4122(3) Capstone Seminar in Criminal Justice
CJ-4123(3) Honours Thesis in Criminal Justice
CJ-4130(3) Advanced Criminal Law

Elective courses at the 4000 Level

CJ-4105(3) Seminar in Youth and CJ
CJ-4200(3) Gangs, Crime, & the Inner-City
CJ-4300(3) Critical Criminal Justice Theory
CJ-4400(3) Selected Topics in CJ
CJ-4800(6) Research Field Practicum

3000 Level courses

CJ-3107(3) Criminal Justice and the Media
CJ-3117(3) Crime Careers
CJ-3121(3) Race and the CJ System
CJ-3130(3) Criminal Procedure
CJ-3223(3) Green Criminology
CJ-3400(3) Selected Topics in Criminal Justice
CJ-3500(3) Interpersonal Violence
CJ-3201(3) Comparative Crime and CJ
CJ-3204(3) Crime Prevention
CJ-3122(3) Criminal Intelligence Analysis
CJ-3133(3) Sex and the Criminal Law
CJ-3233(3) Green Justice
CJ-3470(3) Forensic Psychology
CJ-3800(6) Criminal Justice Field Placement

Interdisciplinary Electives* (maximum 6 credit hours)

Aboriginal Governance*
AG-4022/7022(3) Indigenous Research Methods and Ethics

Psychology*
PSYC-4100(6) Intermediate Research Design and Data Analysis

Political Science*
POL-4115(3) Seminar in International Law
POL-4215(6) Seminar in Political Thought
POL-4301(6) Administrative Theory
POL-4305(3) Administrative Law

POL-4501(3) Law and Politics of Social Change
POL-4515(6) Inner City Seminar

Sociology*
SOC-4116(3) Seminar on Quantitative Methods
SOC-4126(3) Seminar on Qualitative Methods
SOC-4406(6) Seminar in Crime, Law and Society

*Must have prerequisites for these courses, or permission of department/instructor.

REQUIREMENTS FOR A MINOR IN CRIMINAL JUSTICE

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Requirements:	18 credit hours, at least 15 credit hours of which are above the first-year level, and at least 12 credit hours of which are taken at The University of Winnipeg.
Required courses:	9 credit hours, the prerequisite is a grade of "C" or better in the following CJ-1002(3) Introduction to Criminal Justice, CJ-2100(3) Foundations of Criminal Justice, and CJ-2130(3) Criminal Law. 9 credit hours in Criminal Justice courses at or above the 2000 level
Restriction:	Students majoring in Criminal Justice cannot also complete a minor in this area of study.

GENERAL INFORMATION

Prerequisites
CJ-1002(3) Introduction to Criminal Justice is the prerequisite for registration in all Criminal Justice courses at the 2000 level and higher.
CJ-2100(3) Foundations of Criminal Justice, CJ-2130(3) Criminal Law and CJ-2101(3) Criminal Justice Research Methods is a prerequisite for some 3000 level courses.
Students wishing to take 3000 level courses should check the calendar to ensure they have the appropriate perquisites.

Course Offerings: 2000-and 3000-level courses may be lecture, seminar or laboratory format, or some combination of these, depending on the orientation of the Instructor and the course enrolment. Usually they are lecture format.

4000-Level Courses: Permission of the Department is required for each 4000-level course. Minimum 3.0 GPA (B) in Criminal Justice courses. Students must consult with the Criminal Justice Honours Advisor to receive program approval.

COURSE LISTINGS

The Criminal Justice curriculum is arranged so that students receive excellent academic training and achieve in-depth knowledge of numerous topics including police, courts and corrections, theory and methods. The first two years of the program are organized around these core areas. Third year offerings are integrated with other Departments and provide flexibility for students who wish to specialize in courses related to policing, courts or corrections, criminology, sociology, psychology, or other disciplines.

Core Courses:
CJ-1002(3) Introduction to Criminal Justice
CJ-2100(3) Foundations of Criminal Justice
CJ-2101(3) Criminal Justice Research Methods
CJ-2130(3) Criminal Law
CJ-3205(3) Professional Ethics

Criminal Justice Electives:
CJ-2120(3) Policing in Canada
CJ-2125(3) Victimology
CJ-2203(3) Institutional Corrections
CJ-2204(3) Community Corrections
CJ-3107(3) Criminal Justice and the Media
CJ-3223(3) Green Criminology
CJ-3233(3) Green Justice
CJ-3400(3) Selected Topics in CJ
CJ-3470(3) Forensic Psychology
CJ-3500(3) Interpersonal Violence
CJ-3117(3) Crime Careers
CJ-3121(3) Race and the Criminal Justice System
CJ-3122(3) Criminal Intelligence Analysis
CJ-3130(3) Criminal Procedure
CJ-3133(3) Sex and the Criminal Law
CJ-3201(3) Comparative Crime and Criminal Justice
CJ-3204(3) Crime Prevention
CJ-3800(6) Criminal Justice Field Placement
CJ-4105(3) Seminar in Youth and CJS
CJ-4116(3) Program and Policy Evaluation
CJ-4122(3) Capstone Seminar in Criminal Justice
CJ-4123(3) Honours Thesis in Criminal Justice
CJ-4130(3) Advanced Criminal Law
CJ-4200(3) Gangs, Crime and Inner City
CJ-4300(3) Critical CJ Theory
CJ-4400(3) Selected Topics in CJ
CJ-4800(6) Research Field Practicum

Experimental Courses: No offerings at this time.

Interdisciplinary Electives:

Anthropology
ANTH-2103(3) Ethnography of North American First People
ANTH-2304(3) Introduction to Forensic Anthropology

Conflict Resolution
CRS-2221(3) Restorative Justice
CRS-2231(3) Nonviolent Social Change
CRS-2421(3) Legal Systems and Alt. Dispute Resolution
CRS/WGS-3242(3) Women and Peacemaking

History
HIST-2509(6) History of Aboriginal Peoples of Canada
HIST-2510(3) Indigenous Peoples of Canada to 1815
HIST-2511(3) Indigenous Peoples of Canada since 1815
HIST-2604(3) Crime and Punishment in Modern American History
HIST-3224(3) Crime and Conflict in Pre-Modern Europe

Human Rights
HR-2100(3) Concepts and Conventions in Human Rights
HR-2200(3) History of Human Rights in Canada

Philosophy
PHIL-2207(3) Philosophy of Law

Political Science
POL-2315(6) The Legal Process
POL-2400(6) Canadian Politics
POL-2410(6) Human Rights & Civil Liberties in Canada
POL-3135(3) Critical Security Studies
POL-3315(3) The Canadian Legal System
POL-3411(3) Aboriginal People and Law I
POL-3415(3) Aboriginal People and Law II

Psychology
PSYC-2101(3) Introduction to Data Analysis
PSYC-2102(3) Introduction to Research Design
PSYC-2400(3) Social Psychology I
PSYC-2410(3) Social Psychology II
PSYC-2920(3) Drugs and Behaviour

Religion & Culture
REL-2801(3) Introduction to Aboriginal Spirituality
REL-2803(3) Aboriginal Sacred Narratives

Sociology
SOC-2105(6) Race, Ethnic & Aboriginal Relations
SOC-2107(3) Criminological Theory
SOC-2125(3) Intro to Quantitative Research Methods
SOC-2126(3) Intro to Research Design and Qualitative Research
SOC-3223(3) Green Criminology
SOC-3233(3) Green Justice
SOC-4800(6) Research Methods Field Placement

Urban and Inner City Studies
UIC-3240(3) Poverty and the Law
UIC-3050(3) Immigration and the Inner City

Women's and Gender Studies
CRS/WGS-3242(3) Women and Peacemaking

Example of a three year degree program in Criminal Justice:

With a bit of foresight, a student will be able to plan a progressive education that will also take advantage of the liberal arts offering available at UWinnipeg. The following is a possible route for students, but it is only one example. Individual programs may differ substantially. Required courses are denoted with an *.

Year 1		**Year 2**		**Year 3**	
CJ-1002(3)	Intro Criminal Justice*	CJ-2100(3)	Foundations in CJ*	CJ-3205(3)	Ethics in Criminal Justice*
(6)	Science Requirement	CJ-2101(3)	CJ Research Methods*	CJ-3107(3)	CJ & the Media
(6)	Humanities Requirement	CJ-2120(3)	Policing in Canada	CJ-3130(3)	Criminal Procedure
Two of:		CJ-2130(3)	Criminal Law*	CJ-3470(3)	Forensic Psychology
POL-1011(6)	Intro to Political Science	CJ-2203(3)	Inst Corrections	CJ-2204(3)	Comm Corrections
PSYC-1000(6)	Intro Psychology	ANTH-2304(3)	Intro Forensic Anthropology	CJ-3117(3)	Crime Careers
SOC-1101(6)	Intro Sociology	POL-2315(6)	The Legal Process	SOC-3233(3)	Green Justice
				CJ-3500(3)	Interpersonal Violence
		HIST-2510(3)	Indigenous Peoples of Canada to 1815		
		HIST-2511(3)	Indigenous Peoples of Canada since 1815 (Humanities Requirement and Indigenous Course Requirement or other courses may satisfy requirements)		
				PSYC-2920(3)	Drugs and Behaviour
				CRS-2221(3)	Restorative Justice
	Total 30 hrs.		Total 30 hrs.		Total 30 hrs.

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the Academic Calendar section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

DANCE PROGRAM (DANC)

Offered in Conjunction with the Department of Theatre and Film

Updated January 31, 2018

Co-Directors: Odette Heyn, C.M., Faye Thomson, C.M.

DEGREES OFFERED IN DANCE
3-Year BA
Honours BA

INTRODUCTION
The objective of the Dance Program is to prepare Dance Program majors for graduate-equivalent training and/or professional work in performance, teaching, and/or choreography. The Program is offered jointly with the Senior Professional Program of the School of Contemporary Dancers and admission requires **successful audition to the Senior Professional Program of the School of Contemporary Dancers.** ***Continuance in the Dance Program is based on progress as assessed by the School of Contemporary Dancers.*** The School of Contemporary Dancers is an autonomous training centre with an international reputation. Although affiliated with the University of Winnipeg, professional assessment standards are applied by the school based on industry practice and are subject to periodic external review.

In order to avoid errors in course selection and load (which may result in the need to take additional courses for the degree), we **STRONGLY ENCOURAGE** students to consult with the Department's Student Advisor in planning their course of study. Call (204) 786-9955 for further information or to arrange an appointment.

REQUIREMENTS FOR A 3-YEAR BA IN DANCE

Although the program objective is designed to promote development as a professional performer and entrants must demonstrate the desire and potential to meet that goal, for students who are not proceeding to Fourth-Year Honours, the 3-Year BA offers an opportunity to complete degree studies with professional dance training which may be used to contribute to careers in teaching, choreography, or other related areas.

ADMISSION REQUIREMENT	Successful audition and acceptance to the Senior Professional Program of the School of Contemporary Dancers.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects

Note: Theatre and Film courses cannot be used to fulfil the Major subject requirements in the Dance Program; they are considered to be a different subject with respect to the maximum number of courses permitted in the Major subject, and to the University Distribution Requirement.

MAJOR REQUIREMENT	
Single Major:	Minimum 36 credit hours/Maximum 48 credit hours.
Double Major:	36 credit hours in Dance and specified number of credit hours in the other department/program.
Required courses:	**DANC-3901(6)** Dance Technique III **DANC-3902(6)** Performance I **DANC-3903(6)** Performance II

EXAMPLE OF PATTERN OF DANCE STUDY

1st Year:
Compulsory: **DANC-1901(3)** Survey of Dance I
DANC-2901(6) Dance Technique I
Recommended: **DANC-1904(6)** Spring Dance Intensive I

2nd Year:
Compulsory: **DANC-1902(3)** Survey of Dance II
DANC-2902(6) Dance Technique II
Recommended: **DANC-2904(6)** Spring Dance Intensive II
DANC-3911(6) Dance Paedagogy I

3rd Year:
Compulsory: **DANC-3901(6)** Dance Technique III
DANC-3902(6) Performance I
DANC-3903(6) Performance II
Recommended: **DANC-3904(6)** Spring Dance Intensive III
DANC-3910(6) Dance Composition I
DANC-4911(6) Paedagogy II

REQUIREMENTS FOR THE BA HONOURS IN DANCE

The Honours Program is limited to those who are seeking elite training at the level of, and who have demonstrated the ability to become, an emerging artist as a professional dancer.

Note: Registration for all Honours courses in Dance is by permission of The School of Contemporary Dancers. Students' level of development during the third year of the program must be assessed by the School of Contemporary Dancers to be suitable in order to progress to the fourth year.

ADMISSION REQUIREMENT

Successful audition and acceptance to the Senior Professional Program of the School of Contemporary Dancers.

Students may enter into the program after completing a minimum of 30 credit hours.
Entry, continuing, and graduation minimum GPA is 3.0 (B) in Honours subject courses and 2.5 (C+) in Non-Honours subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT

Minimum 120 credit hours

RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours
Honours: Minimum 30 credit hours**,** including at least 18 credit hours at the upper level (3000/4000), of which a minimum of 9 credit hours must be at the 4000 level**.**

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects

Note: Theatre and Film courses cannot be used to fulfil the Honours subject requirements in the Dance Program; they are considered to be a different subject with respect to the maximum number of courses permitted in the Honours subject, and to the University Distribution Requirement.

HONOURS REQUIREMENT (DANCE)

Single Honours: Minimum 60 credit hours/Maximum 78 credit hours in the Honours subject.
Minimum 24 credit hours at the 4000 level.
Double Honours: Minimum 60 credit hours in the Dance Program and the number as specified in the *Calendar* in the second subject.
Minimum 24 credit hours at the 4000 level in the Dance Program and the number as specified in the *Calendar* in the second subject.

Required Courses:
DANC-4901(6) Dance Technique IV
DANC-4902(6) Performance III
DANC-4903(6) Performance IV
DANC-4904(6) Spring Dance Intensive IV

EXAMPLE OF PATTERN OF DANCE STUDY

1st Year:
Compulsory: **DANC-1901(3)** Survey of Dance I
DANC-2901(6) Dance Technique I
Recommended: **DANC-1904(6)** Spring Dance Intensive I

2nd Year:
Compulsory: **DANC-1902(3)** Survey of Dance II
DANC-2902(6) Dance Technique II
Recommended: **DANC-2904(6)** Spring Dance Intensive II
DANC-3911(6) Dance Paedagogy I

3rd Year:
Compulsory: **DANC-3901(6)** Dance Technique III
DANC-3902(6) Performance I
DANC-3903(6) Performance II
Recommended: **DANC-3904(6)** Spring Dance Intensive III
DANC-3910(6) Dance Composition I
DANC-4911(6) Paedagogy II

4th Year:
Compulsory: **DANC-4901(6)** Dance Technique IV
DANC-4902(6) Performance III
DANC-4903(6) Performance IV
DANC-4904(6) Spring Dance Intensive IV
Recommended: **DANC-4910(6)** Dance Composition II

GENERAL INFORMATION

The Department of Theatre and Film (THFM) offers a series of three courses available exclusively to Dance Program students which provide theatrical training in areas of special interest to dancers: THFM-2604(2) Introduction to Stage Lighting for Dance; THFM-2605(2) Lighting for Dance Practicum; and THFM-2606(2) Self Producing for Dance. These courses are scheduled by the School of Contemporary Dancers and, taken together, provide six credit hours towards the non-dance course requirement. Students in the Dance Program will be notified of each offering.

In order to fulfill non-major requirements, students intending to complete a Major/Honours degree in the Dance Program are encouraged to look at the *Calendar* entries for Theatre and Film and other departments such as: Biology, Kinesiology and Applied Health, and Psychology for courses which complement studies in Dance.

COURSE LISTINGS

COURSES IN THE GENERAL PROGRAM

DANC-1901(3) Survey of Dance I
DANC-1902(3) Survey of Dance II
DANC-1904(6) Spring Dance Intensive I
DANC-2901(6) Dance Technique I
DANC-2902(6) Dance Technique II
DANC-2904(6) Spring Dance Intensive II
DANC-3901(6) Dance Technique III
DANC-3902(6) Performance I
DANC-3903(6) Performance II
DANC-3904(6) Spring Dance Intensive III
DANC-3910(6) Dance Composition I
DANC-3911(6) Dance Paedagogy I
DANC-3912(6) Special Studies in Dance I

HONOURS COURSES

DANC-4901(6) Dance Technique IV
DANC-4902(6) Performance III
DANC-4903(6) Performance IV
DANC-4904(6) Spring Dance Intensive IV
DANC-4910(6) Dance Composition II
DANC-4911(6) Dance Paedagogy II
DANC-4912(6) Special Studies in Dance II

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

DEVELOPMENTAL STUDIES (DEV)

March 28, 2018

Director: TBA; Instructors: D. Cameron, J. Simpson, K. Tabbernor, S. Yager
Academic Advisor: Praveen Alahakoon

DEGREES/PROGRAMS OFFERED
3-Year BA

INTRODUCTION

Developmental Studies is a distinct field that draws on the integration of the perspectives and methods of many disciplines to provide a coherent analysis of the biological, environmental, and social factors that influence both individual and group development. As such, it has specific relevance for a growing number of occupations and professions, notably child care, gerontology, and family studies.

The Developmental Studies Program is an Interdisciplinary Major which differs from a regular Major program in that it is composed of offerings from several different departments. The program includes courses from the Departments of Anthropology, Biology, Business and Administration, Chemistry, Conflict Resolution Studies, English, Geography, History, Kinesiology and Applied Health, Mathematics, Philosophy, Politics, Psychology, Sociology, and Statistics. As a student of Developmental Studies, you may choose to pursue one of three streams: Stream A: Individual Human Development, Stream B: Comparative Biological Development, or Stream C: Child Development and Child Care.

Students who major in Developmental Studies (Stream A or C) may qualify for employment in government positions or in institutions dealing with early-childhood services. For those interested in pursuing this field, graduate work prepares them for research, administration, and university teaching.

All students pursuing majors are required to select courses from various groups as indicated below, depending on the stream selected. In addition, students wishing to orient their program towards specific educational goals are advised to seek advice early in their program for appropriate course selection. Visit http://www.uwinnipeg.ca/index/ds-index for contact information.

REQUIREMENTS FOR A 3-YEAR BA IN DEVELOPMENTAL STUDIES

ADMISSION REQUIREMENT
Students must meet regular-status or mature-status admission requirements. In addition, students applying to Stream C must be accepted into the program. The Stream C Selection Committee will select students on the basis of their academic qualifications and admissibility to the program.

GRADUATION REQUIREMENT
90 credit hours

RESIDENCE REQUIREMENT
- Degree: Minimum 30 credit hours
- Major: Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT
- Humanities: 12 credit hours in Humanities
- Science: 6 credit hours in Science
- Writing: Minimum 3 credit hours of Academic Writing
- Indigenous: 3 credit hours in designated Indigenous requirement courses
- Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
  Note: Stream C students entering with a two-year ECE Diploma receive advanced standing for 30 credit hours toward a BA. These 30 credit hours are deemed to be at the 1000 level, allowing for an additional 12 credit hours at the 1000 level within the 60 credit hours necessary to fulfil the requirements for a BA.
- Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
- Single Major: Minimum 30 - 45 credit hours (depending on Stream selected) from four different Departments
- Double Major: Minimum 30 - 45 credit hours in Developmental Studies (depending on Stream selected) and a specified number of credit hours in the second Major. (The number may vary, depending on interdisciplinary courses completed, as they may be credited to both Majors.)
- Required courses: Students must establish their Major program of study in one of three streams: Stream A: Individual Human Development; Stream B: Comparative Biological Development; or Stream C: Child Development and Child Care. Students are advised to consult the Department listings for course descriptions and the respective timetable for courses to be offered during

the current term. They are also advised to check any prerequisites required for courses they wish to take and to consult with the Director or an advisor in planning their program of studies.

GENERAL INFORMATION

Prerequisites and Waivers
All students in Developmental Studies (Stream A, B, or C) will receive a waiver of **SOC-1101(6)** Introductory Sociology **only** for **SOC-2115(6)** Sociology of Socialization and Development, **SOC-2103(3)** Sociology of Families, and **SOC-3303(3)** Globalization and Families. Students who wish to take other Sociology courses must complete the prerequisite introductory course or seek a waiver from the Sociology Department.

Applicants who hold a two-year ECE Diploma from either **Red River College (RRC)** or **Université de Saint-Boniface (USB)** will receive a waiver for **PSYC-1000(6)** Introductory Psychology and **PSYC-2200(3)** Developmental Psychology I: Fundamentals.

Often, a course will list a prerequisite or indicate "Departmental permission." Applicants interested in such courses should contact the Department to discuss their qualifications. If the Department deems the applicant as having the background necessary for the course, a prerequisite waiver will be issued and the applicant may register for the course.

Education Students in the Early Years, Middle Years, and Early/Middle Years Streams Selecting Developmental Studies (DS) as their "Teachable Minor"
The following four courses are required:
1. PSYC-2200(3) Developmental Psychology I - Fundamentals **(Note:** The Psychology Department will waive the prerequisite PSYC-1000(6) Introductory Psychology only (for Education students who have selected DS as their teachable minor**)**
2. DEV-3300(3) Speech and Language Disorders
3. DEV-2004(3) Observation and Evaluation Techniques
4. DEV-3100(3) The Child, Family, and Social Policy

Advanced Internship Requirements
All students in Stream C will be required to participate in an advanced internship in their selected area of specialization (Inclusion **or** Child Care Administration). The goals of the internship are to provide students with opportunities to integrate theoretical learning with practical experience and focus on emerging leadership skills.

The internship will involve the equivalent of two days a week to be spent in a designated internship setting in the final term of the program. Under special circumstances, the student may elect to complete the internship over a four-week block of time (equivalent of 20 full days), after consultation with and approval of the instructor. Students will be required to develop a major project that provides a focused learning experience in their internship placement. The Topics in Leadership in ECCE course will be taught in conjunction with the advanced internship, giving students the opportunity to exchange perspectives on a broad range of issues relating to their respective fields. Students will gain information and skills through in-class discussions and presentations, reporting on experiences gained through their internship placements, and individual research and readings.

PROGRAM REQUIREMENTS

STREAM A
INDIVIDUAL HUMAN DEVELOPMENT

PSYC-2200(3)	Developmental Psychology I: Fundamentals
SOC-2115(6)	Sociology of Socialization and Development
	OR SOC-2103(3) Sociology of Families and SOC-3303(3) Globalization and Families
	OR the former SOC-2103(6) Sociology of Families
	plus a selection of courses from the following four groups, as indicated below
TOTAL:	**30 to 33* credit hours**

*Depending on course selection in Group 3

GROUP 1:
DEVELOPMENT OF INDIVIDUAL FUNCTIONS
(MINIMUM OF 6 CREDIT HOURS)

BIOL-3562(3)	Human Reproductive Biology
BIOL-3563(3)	Human Embryology
DEV-3001(3)	Applied Child Development
KIN-2206(3)	Movement Education
KIN-2207(3)	Physical Growth and Motor Development
KIN-3208(3)	Physical Activity and Aging
PSYC-2620(3)	Psycholinguistics
PSYC-3200(3)	Developmental Psychology II: Childhood
PSYC-3220(3)	Adult Psychology
PSYC-3230(3)	Adolescent Psychology
PSYC-3480(3)	Interpersonal Communication
SOC-2201(3)	Sociology of Aging
SOC-2202(3)	Changing Patterns of Aging
SOC-2307(3)	Sociology of Youth

Note: Students wishing to undertake advanced study in a specialized area of child development may also select from the following optional courses, provided that all the necessary prerequisites are met (consult Course Calendar for descriptions):
PSYC-4200(3) Topics in Developmental Psychology

PSYC-4250(3) Cognitive Development
PSYC-4260(3) Prenatal and Infant Development

GROUP 2:
VARIATIONS IN INDIVIDUAL FUNCTIONING
(MINIMUM OF 6 CREDIT HOURS)

CRS-1200(6) Introduction to Conflict Resolution Studies
DEV-3300(3)/ LING-3105(3) Speech and Language Disorders in Children
ENV-2604(3) Environment and Health
PSYC-3710(3) Abnormal Behaviour in Children and Adolescents
PSYC-3740(3) Introduction to Family Processes
SOC-2107(3) Criminological Theory
SOC-2108(3) Sociology of Deviance
SOC-3201(3) Sociology of Youth Justice
SOC-3210(6) Critical Studies in Medicine and Psychiatry
SOC-4406(6) Seminar in Sociology of Law & Criminology

GROUP 3:
METHODS OF CRITICAL INVESTIGATION
(3 OR 6 CREDIT HOURS)

ACS-1453(3) Introduction to Computers
PHIL-2252(3) Philosophy of the Social Sciences
PSYC-2101(3) Introduction to Data Analysis
PSYC-2102(3) Introduction to Research Methods
SOC-2125(3) Introduction to Quantitative Research Methods
SOC-2126(3) Introduction to Research Design and Qualitative Research
STAT-1301(3) Statistical Analysis I
STAT-1302(3) Statistical Analysis II

GROUP 4:
SOCIAL CONTEXT OF DEVELOPMENT
(MINIMUM 6 CREDIT HOURS)

ANTH-2300(3) Method and Theory in Biological Anthropology
ANTH-3120(3) Indigenous Peoples of Arctic Canada
ANTH-4105(6) Indigenous and Newcomers in Encounter: Selected Topics
CLAS-2070(6) Women and Family in Greece and Rome
DEV-2004(3) Observation and Evaluation Techniques in Child Care Settings
DEV-3100(3) The Child, Family, and Social Policy
DEV-3400(3) Parents, Families & Professionals in Child Care
ENGL-2003(6) The Field of Children's Literature
ENGL-2004(6) A History of Children's Literature
ENGL-2113(6) Picture Books for Children
ENGL-2114(6) Fairy Tales, Fantasy, and Cultures
ENGL-3119(3) Canadian Children's Literatures and Culture
GEOG-2407(3) Recreation Geography
SOC-2103(3) Sociology of Families
SOC-2109(3) Social Policy and Social Welfare
SOC-2118(6) Sex and Gender Relationships
SOC-2202(3) Changing Patterns of Aging

Note: Students may also select from the following optional courses, provided that all the necessary prerequisites are met (consult Course Calendar for descriptions):
PSYC-4240(3) Social Development
SOC-4412(6) Seminar in Sociology of Families

Individuals wishing to work in applied settings should consider selecting electives from the following courses. These courses are **NOT** part of Group 4.
KIN-2101(3) Program Planning in Sport
KIN-2206(3) Movement Education
PSYC-3720(3) Behaviour Modification
THFM-3502(6) Drama in Education

Note:
1. Students are advised to take **PSYC-1000(6)** Introductory Psychology, **PSYC-2200(3)** Developmental Psychology I: Fundamentals and **SOC-2115(6)** Sociology of Socialization and Development early in their Program. **SOC-1101(6)** Introduction to Sociology is not required as a prerequisite for **SOC-2115(6), SOC-2103(3)** Sociology of Families, **SOC-3303(3)** Globalization and Families, and **SOC-2109(3)** Social Policy and Social Welfare (see Group 4 courses).

2. Students who have completed a two-year diploma from either RRC or USB in Early Childhood Education and wish to major in Developmental Studies (Stream A) will receive 30 credit hours of advanced standing. These students require 60 credit hours of additional coursework approved at UW to obtain a three-year BA in Developmental Studies. The 60 credit hours of coursework must include the Humanities Requirement (12 credit hours), the Science Requirement (6 credit hours), the Indigenous Requirement (3 credit hours), and the 30 to 33 credit hours required in the Developmental Studies Major, Stream A (see above). Students may take a maximum of 12 credit hours below the 2000 level toward the degree.

3. Students with a two-year diploma from RRC or USB receive a waiver of Introductory Psychology (**PSYC-1000(6)**) and Developmental Psychology I: Fundamentals (**PSYC-2200(3)**). They are also exempt from the Writing Requirement.

STREAM B

COMPARATIVE BIOLOGICAL DEVELOPMENT

ANTH-3308(3) Human Evolution
BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
BIOL-2111(6) Comparative Chordate Zoology
PSYC-2200(3) Developmental Psychology I: Fundamentals

Selection of courses from the following groups:
One of:
SOC-2115(6) Sociology of Socialization and Development
SOC-2103(3) Sociology of Families and SOC-3303(3) Globalization and Families OR the former SOC-2103(6) Sociology of Families
One of:
ANTH-3302(3) Primate Adaptation, Biology, and Evolution
ANTH-3309(3) Primate Behaviour
One of:
BIOL-2301(3) Genetics
PSYC-3830(3) Genes, Evolution, and Behaviour
One of:
PHIL-2234(3) Philosophy of Nature
PHIL-2251(3) Philosophy of the Natural Sciences
6 credit hours from Group1: Facets of the Evolution of Organisms (see below)
3 or 6 credit hours from Group 2: Methods of Critical Investigation (see below)

TOTAL: 42 or 45* credit hours

*Depending on the course selection in Group 2

GROUP 1: FACETS OF THE EVOLUTION OF ORGANISMS (6 CREDIT HOURS)

BIOL-3410(3) Freshwater Ecology
BIOL-3471(3) Forest Ecology
BIOL-3562(3) Human Reproductive Biology
BIOL-3563(3) Human Embryology
BIOL-3602(3) Comparative Animal Physiology I
BIOL-3603(3) Comparative Animal Physiology II
BIOL-3902(3) Microbial Ecology
BIOL-4402(3) Current Topics in Ecology
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-2801(3) Environmental Issues: A Chemistry Perspective
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism
CHEM-3601(3) Environmental Chemistry
PSYC-2900(3) Physiological Psychology I
PSYC-3900(3) Physiological Psychology II
PSYC-4900(3) Topics in Physiological Psychology

GROUP 2: METHODS OF CRITICAL INVESTIGATION (3 OR 6 CREDIT HOURS)

PSYC-2101(3) Introduction to Data Analysis
PSYC-2102(3) Introduction to Research Methods
SOC-2125(3) Introduction to Quantitative Research Methods
SOC-2126(3) Introduction to Research Design and Qualitative Research
STAT-1301(3) Statistical Analysis I
STAT-1302(3) Statistical Analysis II

STREAM C
CHILD DEVELOPMENT AND CHILD CARE
INTRODUCTION

Red River College (RRC)
Stream C is an expansion of a long-standing joint program between the University of Winnipeg (UW) and Red River College (RRC). By combining the resources of both institutions, students are able to earn both the RRC two-year diploma in Early Childhood Education (ECE) and the UW three-year BA in Developmental Studies in a four-year period of full-time study. Stream C is a professional program particularly designed for those who wish to pursue the area of early-childhood development and seek classification as an Early Childhood Educator III under the regulations of the Manitoba Department of Families. For more information regarding the RRC program, contact Jane Botting, Student Records Officer, at 204-632-2328 or jbotting@rrc.mb.ca

Université de Saint-Boniface (USB)
Université de Saint-Boniface (USB) graduates of the two-year ECE program at USB receive 30 credit hours of advanced standing towards a BA in Developmental Studies. The University of Winnipeg recognizes the USB and RRC programs as equivalent. For more information regarding the USB program, contact Louise LaFlèche, Coordinator of the ECE Program, at 204-233-0210, Ext. 735 or llafleche@ustboniface.mb.ca.

Articulation with the *Advanced Diploma in Leadership in Early Childhood Care and Education Program (ECCE)* through UW 's Professional, Applied, and Continuing Education (PACE)
The Advanced Diploma in Leadership in Early Childhood Care and Education is a leadership development program designed for childcare professionals who already have experience in the childcare field (e.g., childcare directors, educators, advocates, policy analysts, trainers, and supervisors). This Advanced Diploma provides a unique combination of courses from the PACE Professional Studies Program area and Developmental Studies, Stream C. It includes the following DEV courses: **DEV-3100(3)** The Child, Family, and Social Policy, **DEV-3610(3)** Topics in Leadership in Early Childhood Care and Education, and **DEV-3630(3)** Advanced Internship.

Application Procedures
Students must apply for the Advanced Diploma in Leadership in ECCE through PACE and at the same time complete an application for admission to the Faculty of Arts and Science. Only one admission fee will be charged. Original documentation must accompany the applications for admission. For more information, consult the UW PACE Calendar, Professional Studies, Part-time Program

(http://pace.uwinnipegcourses.ca/) or call 204-982-6633 and request an *Advanced Diploma in Leadership in Early Childhood Care and Education Information Handbook*, or contact Ashlie Wilson at 982-1179 or a.wilson@uwinnipeg.ca.

Students admitted to the Advanced Diploma in Leadership in ECCE must complete the PACE courses before registering for the three Arts Degree credit courses and must obtain permission from PACE academic advisor, Stephanie Rozzi. Students who have completed the PACE courses and are ready to register for the degree credit courses should contact the PACE advisor a minimum of three to six months before the degree-course start date to initiate the Faculty of Arts admission and registration process. Please, refer to the Information Handbook.

Students receive a waiver of the prerequisite**, PSYC-2200(3)** Developmental Psychology I only for **DEV-3100(3)** The Child, Family and Social Policy. Students receive a waiver of the prerequisites listed in the course descriptions for DEV-3610(3) Topics in Leadership in Early Childhood Education and **DEV-3630(3)** Advanced Internship.

Contact Information

Professional, Applied, and Continuing Education (PACE):			
Director of Professional Studies Program	Kim Loeb	204-982-1169	k.loeb@uwinnipeg.ca
Program Coordinator, Part-Time Programs	Ashlie Wilson	204-982-1179	a.wilson@uwinnipeg.ca.
Faculty of Arts:			
Director of Developmental Studies	Dr. Louesa Polyzoi	204-786-9841	l.polyzoi@uwinnipeg.ca
Developmental Studies Academic Advisor	Praveen Alahakoon	204-789-1469	p.alahakoon@uwinnipeg.ca
Student Services:			
Academic Advisor, Adult Learner Services and Recognition of Prior Learning (RPL)	Stephanie Rozzi .	204-786-9972	s.rozzi@uwinnipeg.ca

Recognition of Prior Learning (RPL)

RPL is an educational initiative that allows those individuals with extensive experience in the childcare field to obtain credit for equivalent university-level knowledge and skills gained outside the classroom. RPL uses valid, rigorous assessment methods which ensure that learning worthy of credit has taken place. For more information, consult the UW Calendar (adultlearner.uwinnipeg.ca) or contact Stephanie Rozzi at 204-786-9972 or s.rozzi@uwinnipeg.ca.

Specific Opportunities for Graduates of Stream C

Graduates of Stream C may find employment in a variety of governmental and non-governmental agencies dealing with early-childhood services or service-oriented professions. Positions include childcare centre personnel, supervisors, directors, and caregivers. Graduates may also find work as family home visitors functioning as family and community support facilitators, child-life therapists, or staff specializing in programs for the developmentally delayed and other children with special needs.

ENTRANCE REQUIREMENTS

Applicants may enter Stream C through one of two routes:

CATEGORY A: With a Diploma in Early Childhood Education from RRC or USB or an equivalent diploma from another college, or
CATEGORY B: Direct entry, either from high school or the work force

All students wishing to enter Stream C must first make formal application for admission to the UW and also to the Developmental Studies Program and then be selected for entry into the Child Development and Child Care program. Space is restricted in this stream. The selection process will be competitively based on academic and professional qualifications, experience, and areas of interest.

PROGRAM OF STUDIES

CATEGORY A: Applicants Holding a Two-Year Early Childhood Education Diploma from RRC or USB

Students holding a two-year Diploma in Early Childhood Education from RRC or USB (or equivalent) must complete an additional two years of study at UW. Students will receive 30 credit hours of advanced standing for the ECE II Diploma and will require an additional 60 credit hours of approved courses at UW to obtain a three-year BA in Developmental Studies. These 60 credit hours will include a Core Year, a Specialization Year, 12 credit hours of Humanities courses, 6 credit hours of Science courses, and 3 credit hours of designated Indigenous requirement courses. Students in Category A will be exempt from the writing requirement; however, the resources of the Academic Writing Centre are highly recommended to students who require strengthening of their writing skills. Upon successful completion of the program, students may apply to the Manitoba Early Learning and Child Care Program (the Manitoba Department of Families) for Early Childhood Educator III classification.

The program of studies consists of

YEARS 1 & 2	Two-Year Diploma in Early Childhood Education at RRC or USB
YEAR 3	Core Courses, UW, Stream C
YEAR 4	Specialization Courses, UW, Stream C

CATEGORY B: Applicants Entering Directly from High School or the Work Force or Transferring from another Faculty or Program

Students entering Stream C directly from high school or the work force must take 90 credit hours to complete a BA. Students complete their first two years at UW (General Arts and Science year and Core year). The UW Core requirements are equivalent to the first year of the RRC and USB two-year ECE Diploma program. Before entering the third year of the program, students must complete a spring practicum at RRC or USB. During the third year, students must attend RRC or USB, full-time, to complete the requirements for the second year of the two-year diploma program, after which they will receive their Early Childhood Education Diploma from their respective institution. In the fourth year of the program, students will return to UW for the Stream C Specialization year. Upon successful completion of the joint program, students will be awarded a three-year BA degree from the UW. They are also eligible to receive an Early Childhood Educator III classification from the Manitoba Early Learning and Child Care Program (the Manitoba Department of Families).

The program of studies consists of
YEAR 1 30 credit hours of introductory UW courses, with **PSYC-1000(6)** Introductory Psychology highly recommended
*YEAR 2 Stream C Core courses at UW and practicum at RRC in the spring prior to Year 3
YEAR 3 Courses at RRC or USB (Year 2 of the two-year ECE program)
YEAR 4 Stream C Specialization courses at UW

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*For more information regarding the RRC practicum, contact Suzanne Narozniak, Coordinator of the (full-time) Two-Year Early Childhood Education Program, at 204-632-2554 or snarozniak@rrc.ca. The spring practicum runs during RRC's intersession (May & June). Students who plan to enrol in RRC's regular "Full-Time ECE Program" must register with RRC's Enrolment Services Department by mid-February (after Reading Week). **Students applying to RRC's "Work Place ECE Program" need not complete the spring practicum.**

Note: For all Stream C students, DEV-3610(3) Topics in Leadership in ECCE and DEV-3630(3) Advanced Internship must be taken in the final term of the student's final year of the program.

COURSE REQUIREMENTS

CATEGORY A
For Applicants Holding a Two-Year Early Childhood Education Diploma from RRC or USB
CORE COURSES (24 CREDIT HOURS)

CRS-1200(6) Introduction to Conflict Resolution Studies
DEV-2004(3) Observation & Evaluation Techniques in Child Care Settings
DEV-3100(3) The Child, Family, and Social Policy
DEV-3400(3) Parents, Families and Professionals in Child Care

One of
SOC-2115(6) Sociology of Socialization and Development
SOC-2103(3) Sociology of Families and SOC-3303(3) Globalization and Families OR the former SOC-2103(6) Sociology of Families

One of
DEV-3001(3) Applied Child Development
PSYC-3200(3) Developmental Psychology II: Childhood

Note: Students entering with a two-year ECE diploma from RRC or USB will receive a waiver of **PSYC-1000(6)** Introductory Psychology and **PSYC-2200(3)** Developmental Psychology I: Fundamentals. Students will also receive a waiver of **SOC-1101(6)** Introduction to Sociology **only** for **SOC-2115(6)** Sociology of Socialization and Development, **SOC-2103(3)** Sociology of Families, and **SOC-3303(3)** Globalization and Families. Category A students are exempt from the Writing Requirement.

SPECIALIZATION COURSES
(15 CREDIT HOURS)

Students must select a specialization in either (a) Inclusion **or** (b) Child Care Administration.

INCLUSION
REQUIRED COURSES (15 CREDIT HOURS)

PSYC-3710(3) Abnormal Behaviour in Children and Adolescents
DEV-3300(3)/ LING-3105(3) Speech and Language Disorders in Children
DEV-3610(3) Topics in Leadership in ECCE
DEV-3630(3) Advanced Internship
EDUC-3510(3) Inclusive Approaches to Teaching Exceptional Students

or, with approval, one of the following four EDUC courses in place of EDUC 3510(3):
EDUC-4407(3) Enrichment and Talent Development
EDUC-4408(3) Issues with At-risk Children and Youth
EDUC-4410(3) Intro to Aboriginal Education
EDUC-4412(3) ST: Teaching and Supporting Youth from Immigrant and Refugee Backgrounds

ELECTIVES

Students are encouraged to select electives from the following list of courses:
CRS-2252(3) Conflict and Communication
CRS-2281(3) Selected Topics in Conflict Resolution Studies
KIN-3103(3) Adapted Physical Activity
PSYC-2620(3) Psycholinguistics
DIS-1003(3) Introduction to Disability Studies I
SOC-2108(3) Sociology of Deviance

CHILD CARE ADMINISTRATION
REQUIRED COURSES (15 CREDIT HOURS)

BUS-1201(3) Introduction to Business I
BUS-1202(3) Introduction to Business II
BUS-2440(3) Fundamentals of Human Resource Management
DEV-3610(3) Topics in Leadership in ECCE
DEV-3630(3) Advanced Internship

ELECTIVES

Students are encouraged to select electives from the following list of courses:

ACS-1453(3) Introduction to Computers
BUS-2002(3) Fundamentals of Financial Accounting
BUS-2103(3) Fundamentals of Organizational Behaviour
BUS-3110(3) Ethics in Management
BUS-3250(3) Not-for-Profit Management
IDS-4920(3) Program Planning in Development and Conflict Resolution
KIN-2101(3) Program Planning in Sport
POL-3300(3) Public Policy Process
POL-3320(3) Women and the Law
POL-3411(3) Aboriginal People and the Law I
POL-3415(3) Aboriginal People and the Law II
PSYC-2440(3) Organizational Psychology I
PSYC-2450(3) Organizational Psychology II
PSYC-3450(3) Organizational Leadership and Decision Making
PSYC-3480(3) Interpersonal Communication
REL-2802(3) indigenous and Christian Encounter
RHET-2131(3) Professional Style and Editing
SOC-2109(3) Social Policy and Social Welfare
SOC-3118(6) Women in Society

REQUIRED UW HUMANITIES, SCIENCE, AND INDIGENOUS COURSES (21 CREDIT HOURS)

Students must fulfil 12 credit hours of Humanities courses, 6 credit hours of Science courses, and 3 credit hours of designated Indigenous requirement courses.

Category B
For Applicants Entering Directly from High School or the Work Force
CORE Courses (27 credit hours)

CRS-1200(6) Introduction to Conflict Resolution Studies
PSYC-2200(3) Developmental Psychology I: Fundamentals
DEV-2004(3) Observation & Evaluation Techniques in Child Care Settings
DEV-3100(3) The Child, Family, and Social Policy
DEV-3400(3) Parents, Families and Professionals in Child Care

One of
SOC-2115(6) Sociology of Socialization and Development
SOC-2103(3) Sociology of Families and SOC-3303(3) Globalization and Families OR the former SOC-2103(6) Sociology of Families

One of
DEV-3001(3) Applied Child Development
PSYC-3200(3) Developmental Psychology II: Childhood

Note: Students entering from high school or the work force are advised to take any first-year Science course, **PSYC-1000(6)** Introductory Psychology, Academic Writing (if required), and Humanities electives in the first year of their program. They will receive a waiver of **SOC-1101(6)** Introduction to Sociology **only** for **SOC-2115(6)** Sociology of Socialization and Development, **SOC-2103(3)** Sociology of Families, and **SOC-3303(3)** Globalization and Families.

SPECIALIZATION COURSES (15 CREDIT HOURS)

Students may select a specialization in either (a) Inclusion **or** (b) Child Care Administration.

INCLUSION

REQUIRED COURSES (15 CREDIT HOURS)

PSYC-3710(3) Abnormal Behaviour in Children and Adolescents
DEV-3300(3)/ LING-3105(3) Speech and Language Disorders in Children
DEV-3610(3) Topics in Leadership in ECCE
DEV-3630(3) Advanced Internship
EDUC-3510(3) Inclusive Approaches to Teaching Exceptional Students

or, with approval, one of the following four EDUC courses in place of EDUC 3510(3):
EDUC-4407(3) Enrichment and Talent Development
EDUC-4408(3) Issues with At-risk Children and Youth
EDUC-4410(3) Intro to Aboriginal Education
EDUC-4412(3) ST: Teaching and Supporting Youth from Immigrant and Refugee Backgrounds

ELECTIVES

Students are encouraged to select electives from the following list of courses:

CRS-2252(3) Conflict and Communication
CRS-2281(3) Selected Topics in Conflict Resolution Studies
KIN-3103(3) Adapted Physical Activity
PSYC-2620(3) Psycholinguistics
DIS-1003(3) Introduction to Disability Studies I
SOC-2108(3) Sociology of Deviance

CHILD CARE ADMINISTRATION

REQUIRED COURSES (15 CREDIT HOURS)

BUS-1201(3) Introduction to Business I
BUS-1202(3) Introduction to Business II
BUS-2440(3) Fundamentals of Human Resource Management
DEV-3610(3) Topics in Leadership in ECCE
DEV-3630(3) Advanced Internship

ELECTIVES

Students are encouraged to select electives from the following list of courses;

ACS-1453(3)	Introduction to Computers
BUS-2002(3)	Fundamentals of Financial Accounting
BUS-2103(3)	Fundamentals of Organizational Behaviour
BUS-3110(3)	Ethics in Management
BUS-3250(3)	Not-for-Profit Management
IDS-4920(3)	Program Planning in Development and Conflict Resolution
KIN-2101(3)	Program Planning in Sport
POL-3300(3)	Public Policy Process
POL-3320(3)	Women and the Law
POL-3411(3)	Aboriginal People and the Law I
POL-3415(3)	Aboriginal People and the Law II
PSYC-2440(3)	Organizational Psychology I
PSYC-2450(3)	Organizational Psychology II
PSYC-3450(3)	Organizational Leadership and Decision Making
PSYC-3480(3)	Interpersonal Communication
REL-2802(3)	Indigenous and Christian Encounter
RHET-2131(3)	Professional Style and Editing
SOC-2109(3)	Social Policy and Social Welfare
SOC-3118(6)	Women in Society

REQUIRED UW HUMANITIES, SCIENCE, AND INDIGENOUS COURSES
(21 CREDIT HOURS)

Students must fulfil 12 credit hours of Humanities courses, 6 credit hours of Science courses, and 3 credit hours of designated Indigenous requirement courses

COURSE LISTINGS

DEV-2004(3)	Observation and Evaluation Techniques in Child Care Settings
DEV-3001(3)	Applied Child Development
DEV-3100(3)	The Child, Family and Social Policy
DEV-3300(3)/ LING-3105(3)	Speech and Language Disorders in Children
DEV-3400(3)	Parents, Families & Professionals in Child Care
DEV-3500(3)	Independent Study
DEV-3600(3)	Special Topics in Developmental Studies
DEV-3610(3)	Topics in Leadership in ECCE
DEV-3630(3)	Advanced Internship

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

DISABILITY STUDIES (DIS)

Updated Jan 26, 2018

Coordinator: Professor M. Owen; Administrative Assistant: N. Ali

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor

INTRODUCTION

Disability Studies is an interdisciplinary program that balances theory, methods, and practice so that graduates will have both a broad education in the liberal arts and sciences, and a depth of study in the area of Disability Studies. The focus of the program is the critical analysis of disability in society which includes the study of disability as a social, scientific, cultural, historical, and political construction. This allows students to examine such topics as human rights, ethics and accountability, adaptive physical activity, sport and recreation, social movements, normalcy, eugenics, genetic engineering, family, sexuality, employment, socialization and development, aging, education, adaptive and universal design, international development, and gender issues.

Disability Studies is offered jointly with the Disability and Community Support diploma program at Red River College. All students majoring in Disability Studies must complete the diploma program at Red River College, and may begin their studies at either institution. The University of Winnipeg will grant a total of 45 credit hours in transfer credits (21 of which are at the 1000 level) to Red River College students who have completed the 2-year Diploma in Disability and Community Support and wish to major in Disability Studies at UW.

Students in Disability Studies graduate with both a diploma from Red River College and a degree from The University of Winnipeg.

REQUIREMENTS FOR A 3-YEAR BA IN DISABILITY STUDIES

ADMISSION REQUIREMENT — Acceptance into Red River College and the University of Winnipeg

GRADUATION REQUIREMENT — 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science (note that some Research Methods courses help fulfil this requirement)
Writing:	3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum five (5) different subjects.

MAJOR REQUIREMENT

Single Major: Minimum 36 credit hours (18 credit hours in required courses, listed below, plus18 credit hours from the 45 credit hour transfer from RRC)

Required courses:

DIS-1003(3)	Introduction to Disability Studies I
DIS-1004(3)	Introduction to Disability Studies II
DIS-2100(3)	Theorizing Disability*
DIS-3001(3)	Disability Studies Seminar I*
DIS-3002(3)	Research Disability Studies Placement I*

3 credit hours from**:**
Any introductory social science qualitative research methods course or
Any introductory social science quantitative research methods course

Please note: Courses with asterisks (*) have prerequisites or require departmental approval.
All students in Disability Studies with a Red River College (RRC) Disability and Community Support Diploma will receive a waiver of SOC-1101(6) Introductory Sociology only for SOC-2125(3) Introduction to Quantitative Research Methods and SOC-2126(3) Introduction to Qualitative Research Methods. Students who wish to take other Sociology courses must

complete the prerequisite introductory course or seek a waiver from the Sociology Department.

REQUIREMENTS FOR A 4-YEAR BA IN DISABILITY STUDIES

ADMISSION REQUIREMENT Acceptance into Red River College and the University of Winnipeg

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science (note that some Research Methods courses help fulfil this requirement)
Social Science:	12 credit hours in Social Science
Writing:	3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum 3 credit hours from each of 5 different subjects.

MAJOR REQUIREMENT

Single Major: Minimum 48 credit hours (27 credit hours in required courses – listed below, 3 credit hours in related course work , and 18 credit hours from the 45 credit hour transfer from RRC)

Required Courses**:**

DIS-1003(3)	Introduction to Disability Studies I
DIS-1004(3)	Introduction to Disability Studies II
DIS-2100(3)	Theorizing Disability*
DIS-3001(3)	Disability Studies Seminar I*
DIS-3002(3)	Research Disability Studies Placement I*
DIS-4001(3)	Disability Studies Seminar II*
DIS-4002(3)	Research Disability Studies Placement II*

3 credit hours**:**
Any introductory social science qualitative research methods course

3 credit hours:
Any introductory social science quantitative research methods course

Minimum 3 credit hours of related course work must be taken with the approval of the Disability Studies Coordinator.

Please note: Courses with asterisks (*) have prerequisites or require departmental approval.
All students in Disability Studies with a Red River College (RRC) Disability and Community Support Diploma will receive a waiver of SOC-1101(6) Introductory Sociology only for SOC-2125(3) Introduction to Quantitative Research Methods and SOC-2126(3) Introduction to Qualitative Research Methods. Students who wish to take other Sociology courses must complete the prerequisite introductory course or seek a waiver from the Sociology Department.

Combined Major: Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.

Students who have obtained at least a 3.0 GPA in previous Disability Studies courses may substitute a maximum of 18 credit hours at the 4000 level for 3000-level courses. Students without the required 3.0 GPA must consult the Department for permission to take 4000-level courses.

REQUIREMENTS FOR AN HONOURS BA IN DISABILITY STUDIES

ADMISSION REQUIREMENT

Students must have completed 30 credit hours with a minimum 3.0 GPA in Honours subject courses (cumulative GPA) and 2.5 GPA (degree GPA) in non-Honours courses.
Students must consult with and have the approval of the Program in planning their course of study. Students must be accepted at Red River College and the University of Winnipeg.

GRADUATION REQUIREMENT

120 credit hours, with minimum 3.0 GPA in Honours subject courses and 2.5 GPA in Non-Honours subject courses.

RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours
Honours: Minimum 30 credit hours**,** including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science (note that some Research Methods courses help fulfil this requirement)
Writing: 3 credit hours of Academic Writing
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

HONOURS REQUIREMENT

Single Honours: Minimum 54 credit hours (9 credit hours are from the 45 credit hour transfer from RRC.)

Minimum 30 credit hours in upper level (3000-4000 level) courses of which a minimum 18 credit hours must be 4000-level Honours Courses.
Students are allowed a maximum of 12 credit hours of Directed Readings toward the Honours requirement

Required courses:

DIS-1003(3)	Introduction to Disability Studies I
DIS-1004(3)	Introduction to Disability Studies II
DIS-2100(3)	Theorizing Disability*
DIS-3001(3)	Disability Studies Seminar I*
DIS-3002(3)	Research Disability Studies Placement I*
DIS-4001(3)	Disability Studies Seminar II*
DIS-4002(3)	Research Disability Studies Placement II*
DIS-4900(6)	Honours Research Paper*

3 credit hours**:**
Any introductory social science qualitative research methods course

3 credit hours:
Any introductory social science quantitative research methods course

Minimum of 12 credit hours of related courses must be taken with the approval of the Disability Studies Coordinator.

Please note: Courses with asterisks (*) have prerequisites or require departmental approval.
All students in Disability Studies with a Red River College (RRC) Disability and Community Support Diploma will receive a waiver of SOC-1101(6) Introductory Sociology only for SOC-2125(3) Introduction to Quantitative Research Methods and SOC-2126(3) Introduction to Qualitative Research Methods. Students who wish to take other Sociology courses must complete the prerequisite introductory course or seek a waiver from the Sociology Department.

Double Honours: Minimum 36 credit hours in each Honours subject
Minimum 24 credit hours in 4000-level Honours courses in Disability Studies

REQUIREMENTS FOR A MINOR IN DISABILITY STUDIES

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement: Minimum 12 credit hours in the Minor subject

Required courses:

DIS-1003(3) Introduction to Disability Studies I
DIS-1004(3) Introduction to Disability Studies II
DIS-2100(3) Theorizing Disability*
DIS-3001(3) Disability Studies Seminar I*
DIS-3002(3) Research Disability Studies Placement I*
3 credit hours from**:**
Any introductory social science qualitative research methods course or
Any introductory social science quantitative research methods course

Please note: Courses with asterisks (*) have prerequisites or require departmental approval.

Restrictions: Students cannot declare the same subject as a Major and a Minor.

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

EAST ASIAN LANGUAGES & CULTURES (EALC)

Updated March 9, 2018

Chair: Associate Professor: C. Colorado (Religion & Culture); Professor X-Y. Dong (Economics); Associate Professor E. Alexander (History), J. Newmark (Religion & Culture); Assistant Professors: S. Balkwill (Religion & Culture), L. Szekely (Religion & Culture).

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Minor

INTRODUCTION

The East Asian region constitutes one of the most dynamic and intellectually rich regions in the world. The impact of East Asian economic development has been keenly felt in recent decades and the region has a major impact on world affairs. The legacy of East Asian history, religious and social values, literatures, etc., is a major factor in current affairs in the region, and this legacy will continue to shape our global future.

The EALC program is devoted to the study of East Asian cultures. The program introduces students to East Asian cultures and societies through two components: a) the study of East Asian languages (Chinese—Mandarin and Classical, Japanese and Korean), and b) the study of East Asian cultures through a multi-disciplinary approach (Religion & Culture, History, Literature, Cinema, Economics, Politics, and International Development Studies). A unique feature of the program is its focus on the intellectual legacy of East Asian cultures, introduced through the study of texts and ideas in the historical and cultural contexts that shaped them. The rationale for this focus is a belief that just as East Asian economies are having a global impact beyond the East Asian region, intellectual beliefs and cultural habits will challenge hitherto global presuppositions regarding accepted practices and habits of thought.

The EALC program is currently administered through the Department of Religion & Culture. Graduates who are interested in careers related to East Asia in fields such as education, government, and business benefit greatly from courses in East Asian Languages & Cultures.

REQUIREMENTS FOR A 3-YEAR BA IN EAST ASIAN LANGUAGES & CULTURES

ADMISSION REQUIREMENT Students are advised to consult with the faculty advisor in planning their curriculum at the beginning of each registration session.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in East Asian Languages & Cultures and the specified number of credit hours in the other department/program.
Distribution:	Students must take at least 3 credit hours relating to Chinese culture and 3 credit hours relating to Japanese culture.

Required courses:

EALC-1004(3) East Asian Cultural Foundations

Minimum of 6 credit hours in an East Asian language (Chinese, Japanese or Korean).

Minimum of 15 credit hours in additional (CORE OR AREA) East Asian culture courses at the 2000 level or above. (Up to 6 credit hours may be taken from courses with significant Asian content—see below). This must include **a** minimum 6 credit hours at the 3000 level in East Asian Languages & Cultures, including 3000-level language courses.

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Combined Major:	Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject.

Prescribed courses:
EALC-1004(3) East Asian Cultural Foundations
Minimum of 6 credit hours in an East Asian language (Chinese, Japanese or Korean).
Minimum of 12 credit hours in East Asian culture courses (up to 6 credit hours may be taken from courses with significant Asian content—see below).
Minimum 3 credit hours at the 3000 level in East Asian Languages & Cultures.

REQUIREMENTS FOR A 4-YEAR BA IN EAST ASIAN LANGUAGES & CULTURES

ADMISSION REQUIREMENT Students must consult with the department advisor in planning their studies.
Students must have completed at least 30 credit hours previously.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Indigenous: 3 credit hours in designated Indigenous requirement courses
Social Science: 12 credit hours in Social Science
Writing: Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level.
Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 48 credit hours/Maximum 66 credit hours.
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.
Distribution: Students must take at least 6 credit hours relating to Chinese culture and 6 credit hours relating to Japanese culture.

Required courses:
EALC-1004(3) East Asian Cultural Foundations
Minimum of 12 credit hours in an East Asian language (Chinese, Japanese or Korean).
Minimum of 30 credit hours in East Asian culture courses (up to 12 credit hours may be taken from courses with significant Asian content—see below).
Minimum of 18 credit hours at the 3000 level, including 3000-level in the language courses, in East Asian Languages & Cultures.

Combined Major: Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Prescribed courses:
EALC-1004(3) East Asian Cultural Foundations
Minimum of 12 credit hours in an East Asian language (Chinese, Japanese or Korean), 6 of which must be taken in the same language
Minimum of 18 credit hours in East Asian culture courses (up to 6 credit hours may be taken from courses with significant Asian content—see below).
Minimum of 18 credit hours at the 3000 level in East Asian Languages & Cultures.

Study Abroad requirement:
Minimum one semester in an approved study abroad program in an East Asian country. Credits earned while studying abroad are transferable and may be used to fulfil major requirements.

Individuals' programs will be structured to meet student needs and interests.
Students planning to major in East Asian Languages and Cultures must consult with the Program Coordinator after completing 30 credit hours.

Courses in Other Departments that fulfil the East Asian culture requirement
Students may include the following courses toward their Major.

Economics	**ECON-3317(3)**	Asia Pacific Economies (Note: requires pre-requisite)
International Development Studies	**IDS-2184(3)**	Asia/Pacific Development Issues (Note: requires prerequisite)
Politics	**POL-3030(3)**	Comparative Politics in East Asia
	POL-3121(3)	Asia-Pacific Security

Courses in Other Departments with significant Asian or Cultural Studies content
Students may take up to 6 credit hours (3 year BA) or 12 credit hours (4 year BA) from the following list of courses to fulfil their "culture" course requirement.

Anthropology	**ANTH-1002(3)**	Introduction to Cultural Anthropology,
	ANTH-2100(3)	Method & Theory in Cultural Anthropology
History	**HIST-2411(6)**	History of Asia Since 1500
	HIST-2413(3)	South Asia Since 1500
	HIST-2414(3)	History of East Asia Since 1500
	HIST-3706(6)	Colonialism & Nationalism in India
	HIST-3708(3)	Women's History in South Asia
	HIST 3118(3)	South Asian Diaspora Since 1800
	HIST 4703(6)	Postcolonial India (requires permission)
Religion & Culture	**REL-1002(6)**	Exploring Religion: the World's Religions
	REL-2704(3)	Buddhist Traditions in India & Southeast Asia
	REL-2901(3)	Art in Non-Christian Religions

Sample Program (3 year)

Years 1-2:	East Asian Cultural Foundations (EALC 1004)	3 credit hours
	Intro. Language course (EALC 1100 or 1200)	6 credit hours
	East Asian Culture courses (2000 level)	6 credit hours
Year 3:	Intermediate Language course (EALC 2100 or 2200)	6 credit hours
	East Asian Culture courses (2000 level)	3 credit hours
	East Asian Culture course (3000 level)	6 credit hours

Sample Program (4 year)

Years 1-2:	East Asian Cultural Foundations (EALC 1004)	3 credit hours
	Intro. Language course (EALC 1100 or 1200)	6 credit hours
	East Asian Culture courses (2000 level)	6 credit hours
Year 3:	Intermediate Language course (EALC 2100 or 2200)	6 credit hours
	East Asian Culture courses (2000 level)	6 credit hours
	East Asian Culture courses (3000 level)	3 credit hours
Year 4:	Semester abroad Language & Culture courses	
	East Asian Culture courses (2000 level)	3 credit hours
	East Asian Culture courses (3000 level)	15 credit hours

REQUIREMENTS FOR A MINOR IN EAST ASIAN LANGUAGES & CULTURES

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement: Minimum 12 credit hours in the Minor subject
Required courses:
Minimum 6 credit hours of East Asian language courses
Minimum 3 credit hours at 3000 or 4000 level
Restrictions: Students cannot declare the same subject as a Major and a Minor.

COURSE LISTINGS

INTRODUCTORY COURSES

Majors are required to take EALC-1004, East Asian Cultural foundations and either EALC-1100 (Introduction to Japanese Language) or EALC-1200 (Introduction to Chinese Language).

AREAS OF STUDY

Note: Courses are offered on rotation.
Note: 2000-level courses are open to all students, without prerequisite.
Note: Except where otherwise indicated the 3000-level courses are open to students who have completed successfully at least 6 credit hours in East Asian Languages & Cultures, or who have received the consent of the instructor.

East Asian Languages courses
(courses that fulfill East Asian language requirements)

EALC-1100(6) Introduction to Japanese Language
EALC-1200(6) Introduction to Chinese Language
EALC-1202(6) Introduction to Chinese for Heritage Students
EALC-1300(6) Introduction to Korean Language
EALC-2100(6) Intermediate Japanese Language
EALC-2200(6) Intermediate Chinese Language
EALC-2031(6) Chinese-English Translation
EALC-2300(6) Intermediate Korean Language
EALC-3007(6) Introduction to Classical Chinese
EALC-3100(6) Advanced Japanese

East Asian Cultures courses
(courses that fulfill East Asian cultures requirements; see also Courses in Other Departments that fulfil the East Asian culture requirement and Courses in Other Departments with significant Asian or Cultural Studies content, listed above)

EALC-1004(3) East Asian Cultural Foundations
EALC-2707(3) Chinese Religions
EALC-2708(3) Religion in Japanese Life
EALC-2709(3) Women in Asian Religions & Cultures
EALC-2718(3) Buddhist Traditions in East Asia
EALC-2721(3) Traditional Japanese Culture
EALC-2723(3) Japanese Cinema
EALC-2725(3) Food in Japanese Culture
EALC-2731(3) Chinese Culture & Beliefs
EALC-2734(3) The Making of Modern East Asian Culture
EALC-2735(3) Buddhism Through Art
EALC-2772(3) Modern Chinese Literature in Translation
EALC-2773(3) Chinese Cinema
EALC-2774(3) Chinese Intellectual History
EALC 2780(3) East Asian Martial Arts
EALC 2785(3) Conceiving Japan and Its World
EALC-3708(3)/4708(3) Topics in Buddhist Culture & Society
EALC-3720(3)/4720(3) Topics in Japanese Culture & Society
EALC-3721(3)/4721(3) The Age of the Samurai
EALC-3731(3)/4731(3) Topics in Chinese Culture & Society
EALC-3732(3)/4732(3) Topics in Chinese Intellectual and Cultural History
EALC-3970(3)/4970(3) Topics in Asian Religions and Cultures

East Asian Study Abroad courses
(courses that fulfill East Asian Study Abroad requirement)

EALC-2320(6) Korean Civilization
EALC-2720(6) Japanese Civilization
EALC-2770(6) Chinese Culture

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

ECONOMICS (ECON)

Updated March 28, 2018

Chair: Professor M. Pandey; Professors: S. Baksi, P. Cyrenne, X-Y. Dong, H. Grant; Associate Professors: W. Cai, S. Dodds, M. O'Gorman, J. Townsend, A. Raychaudhuri; Assistant Professors: L. Clair, Z. Li; Instructor: D. Ng

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA (Concentrations: Economics, Public Policy, Environmental, Development, Financial Markets, Political Economy, or Pre-Honours)
Honours BA
Minor
Master of Arts, Environmental, Resource and Development Economics – See Graduate Studies Academic Calendar.

INTRODUCTION

Economics is the social science which explores human activity directed towards the satisfaction of human wants in the context of the limited resources available in the world. It studies the issues related to the mixture of competition and cooperation among individuals, private organizations and governments in satisfying these wants.

It studies the issues that arise out of the mixture of competition and cooperation among individuals, private organizations, and governments in satisfying these wants. In recent years, economics has been particularly concerned with analysis of the major economic problems of unemployment, inflation, and the distribution of wealth; with environmental issues; and with the alternative public and private policy responses.

The undergraduate study of Economics is directed towards the goal of a liberal arts education. Students study the historical, institutional, and theoretical background of modern economics from a Canadian perspective. This provides an analytical framework for making more informed judgements about current economic policies. One may obtain the Economics Major through the 3-Year BA, the 4-Year BA or the BA Honours degree program. Some of the courses offered are recommended for Interdisciplinary programs, and it is common for other Social Science Departments to require or recommend certain Economics courses. As a 4-Year BA student of Economics you may choose a general degree or a degree that includes a number of course areas or concentrations: Public Policy, Environmental Economics, Development Economics, Financial Markets, Political Economy or Pre-Honours.

A BA degree in Economics will lead naturally to employment in business, financial services, government, and international organizations. Graduate level studies lead to university teaching positions, independent consultancies, and research. The BA in Economics is highly recommended for students planning to go into law, accounting, or business schools.

REQUIREMENTS FOR A 3-YEAR BA IN ECONOMICS

ADMISSION REQUIREMENT Students must consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 36 credit hours/Maximum 48 credit hours.
Double Major:	36 credit hours in Economics and specified number of credit hours in the other department/program.

Required courses:

Minimum 2.0 GPA (C) required in the Introductory course(s):
ECON-1102(3) Introduction to Economics: Micro, **AND ECON-1103(3)** Introduction to Economics: Macro
ECON-2101(3) Intermediate Economics: Micro
ECON-2102(3) Intermediate Economics: Macro
Minimum 12 credit hours at the 3000 level.
Quantitative Methods Requirement (minimum 6 credit hours)
(i) 3 credit hours in Mathematics (minimum). MATH-1103 (3) Introduction to Calculus I or **MATH-1102(3)** Basic Calculus (TERMINAL) or **ECON-1201(3)** Quantitative Methods for Economics and Business. Students

who wish to pursue a BA (Hons) Economics must also take **MATH-1104 (3)** Introduction to Calculus II (in their first or second year) or the course **MATH-1101(6)** Introduction to Calculus or the equivalent **MATH-1103(3)** Introduction to Calculus I and **MATH-1104(3)** Introduction to Calculus II (in their first year).
(ii) 3 credit hours in Statistics: **STAT-1301(3)** Statistical Analysis I or the equivalent.

Combined Major: Minimum of 48 credit hours from two (2) different majors with not less than 18 credit hours from each major.

Prescribed courses:
ECON-1102(3) Introduction to Economics: Micro
ECON-1103(3) Introduction to Economics: Macro
ECON-2101(3) Intermediate Economics: Micro
ECON-2102(3) Intermediate Economics: Macro
6 credit hours at the 3000 level Economics

Students in the General program who are entering the third year of studies with a minimum 3.0 GPA (B) in all Economics courses may be permitted to register in a maximum of 2 (two) 4000-level courses with approval of the Department Chair.
A 4000-level course may be substituted for a 3000-level requirement.
Students who have already completed 6 credit hours in Introductory Statistics (STAT-1301(3), STAT-1302(3) or the former STAT-1201(6) or the former STAT-1301(6)) may not use the former **ECON-2202(3)** Statistical Analysis in Economics as credit towards any major in Economics; these students need to take additional Economics course(s) in order to meet the minimum Major requirement.
Students wishing to pursue an Honours degree in Economics are advised to complete **MATH-1101(6)** or the equivalent **MATH-1103 (3)** Introduction to Calculus I AND **MATH-1104 (3)** Introduction to Calculus II and STAT-1301(3)in their first year of study. These students are advised to complete **ECON-2201(3)** Mathematics for Economics and Finance in their second year of study.

REQUIREMENTS FOR THE 4-YEAR BA IN ECONOMICS

ADMISSION REQUIREMENT — Students must consult with the department advisor in planning their course of study. Minimum 30 credit hours completed previously.

GRADUATION REQUIREMENT — 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Sciences:	6 credit hours in Science
Social Sciences:	12 credit hours in Social Sciences
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 66 credit hours of Economic courses plus specified number of credit hours in the other departments/programs.
Double Major:	48 credit hours in each Major subject as specified by the department/program.

Required courses:
Minimum 2.0 GPA (C) required in the Introductory course(s):
ECON-1102(3) Introduction to Economics: Micro, **AND**
ECON-1103(3) Introduction to Economics: Macro
ECON-2101(3) Intermediate Economics: Micro
ECON-2102(3) Intermediate Economics: Macro
ECON-2201(3) Mathematics for Economics and Finance
ECON-3104(3) Modern Microeconomics for Economics and Business
Minimum 24 credit hours at the 3000 level or 4000 level.
Quantitative Methods Requirement (minimum 9 credit hours)
(i) 6 credit hours in Mathematics: MATH-1103 (3) Introduction to Calculus I and **MATH-1104 (3)** Introduction to Calculus II the equivalent **MATH-1101(6)** Introduction to Calculus. Alternatively, students may take **MATH-1103 (3)** Introduction to Calculus I (recommended) or **MATH-1102(3)** Basic Calculus (Terminal) and **MATH-1201(3)** Linear Algebra.
(ii) **3 credit hours in Statistics**: **STAT-1301(3)** Statistical Analysis I or the equivalent.

Combined Major: Minimum of 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Prescribed courses:

ECON-1102(3) Introduction to Economics: Micro
ECON-1103(3) Introduction to Economics: Macro
ECON-2101(3) Intermediate Economics: Micro
ECON-2102(3) Intermediate Economics: Macro
6 credit hours of 3000 level Economics

Students with a minimum 3.0 GPA (B) in Economics courses may be permitted to substitute a maximum of 18 credit hours of 4000-level courses for 3000-level courses with approval of the Department Chair.

An additional 30 credit hours is required. Students choose either Option A or Option B.

A. BA 4 year Economics (30 additional credit hours in Economics)

B. BA 4 year Concentration Program in Economics

CONCENTRATION PROGRAM REQUIREMENTS (Choose two areas of Concentration)

I. Concentration (Public Policy) (PP) (Choose 15 credit hours)
ECON-3115(3) Gender and the Economy
ECON-3201(3) Econometrics for Economics and Finance*
ECON-3301(3) International Trade: Theory and Policy
ECON-3303(3) Economics of Public Expenditures: Theory and Policy
ECON-3304(3) Economics of Taxation: Theory and Policy
ECON-3307(3) Industrial Organization
ECON-3308(3) Regulation and Public Policy
ECON-3310(3) Economics of Health Care
ECON-3311(3) Government Policy Towards Business
ECON-3316(3) Cost-Benefit Analysis and Project Evaluation
* Recommended

II. Concentration (Environmental Economics) (EE) (Choose 15 credit hours)
ECON-2311(3) Economics of Natural Resource Extraction
ECON-2317(3) Environmental Economics
ECON-2318(3) Energy Economics
ECON-3201(3) Econometrics for Economics and Finance*
ECON-3301(3) International Trade: Theory and Policy
ECON-3315(3) Urban Economics and Real Estate Markets
ECON-3316(3) Cost-Benefit Analysis and Project Evaluation
* Recommended

III. Concentration (Development) (D) (Choose 15 Credit hours)
ECON-2306(3) Canadian Economic Development
ECON-3115(3) Gender and the Economy
ECON-3120(3) Microfinance in Theory and Practice
ECON-3201(3) Econometrics for Economics and Finance*
ECON-3301(3) International Trade: Theory and Policy
ECON-3305(3) Economic Development
ECON-3306(3) International Aspects of Economic Development
ECON-3315(3) Urban Economics and Real Estate Markets
ECON-3317(3) Economic Development in the Asia Pacific Region
ECON-3302(3) International Finance
* Recommended

IV. Concentration (Political Economy) (PE) (Choose 15 credit hours)
ECON-2303(3) Labour Economics
ECON-2304(3) Income Distribution and Industrial Relations
ECON-2305(3) Canadian Economic History
ECON-2306(3) Canadian Economic Development
ECON-3115(3) Gender and the Economy
ECON-3120(3) Microfinance in Theory and Practice
ECON-3201(3) Econometrics for Economics and Finance*
ECON-3321(3) History of Economic Thought I
ECON-3322(3) History of Economic Thought II
* Recommended

V. Concentration (Financial Markets) (F) (Choose 15 credit hours)
ECON-2301(3) Financial Markets and Financial Systems
ECON-2302(3) Money and Banking

ECON-3201(3) Econometrics for Economics and Finance*
ECON-3311(3) Government Policy Towards Business
ECON/BUS-2819(3) Corporate Finance I
ECON/BUS-2820(3) Corporate Finance II
ECON-3319(3) Managerial Economics
ECON/BUS-3320(3) Managerial Finance
ECON-3302 (3) International Finance
* Recommended

VI. **Concentration (Pre-Honours) (PH) (Choose 15 credit hours)**
ECON-3201 (3) Econometrics for Economics and Finance*
ECON-4103 (3) Microeconomics
ECON-4104 (3) Macroeconomics **plus** 6 additional credit hours at the 4000-level in Economics
* Recommended

REQUIREMENTS FOR AN HONOURS BA IN ECONOMICS

ADMISSION REQUIREMENT
Students are advised to consult with the Department Chair/Honours Advisor in planning their program.
Entry into the program after completing a minimum of 30 credit hours.
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT
120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
Single Honours: Minimum 60 credit hours/Maximum 78 credit hours in the Honours subject.
Minimum 24 credit hours in 4000-level Honours Subject courses.
Double Honours: Minimum 36 credit hours in each Honours subject.
Minimum 24 credit hours at the 4000-level in the Economics component of the double Honours. For the requirements of the other Honours subject consult the department involved.

Required courses:
Year 1: Minimum 2.0 GPA (C) required in the Introductory course(s):
ECON-1102(3) Introduction to Economics: Micro, AND **ECON-1103(3)** Introduction to Economics: Macro
MATH-1101(6) Introduction to Calculus or the equivalent **MATH-1103 (3)** Introduction to Calculus I AND **MATH-1104 (3)** Introduction to Calculus II
STAT-1301(3) Statistical Analysis I and STAT-1302 Statistical Analysis II Students who have already completed 6 credit hours in Introductory Statistics (STAT-1201(6)) may not use the former Statistical Analysis in Economics (2202(3)) as credit towards any major in Economics; these students need to take additional Economics course(s) in order to meet the minimum Major requirement.
Year 2: **ECON-2101(3)** Intermediate Economics: Micro
ECON-2102(3) Intermediate Economics: Macro
ECON-2201(3) Mathematics for Economics and Finance
Year 3: **ECON-4103(3)** Microeconomics
ECON-4104(3) Macroeconomics
ECON-3201(3) Econometrics for Economics and Finance.
Years 2, 3, or 4: Minimum 18 additional credit hours at or above the 2000 level in Economics courses; minimum 24 credit hours of 4000-level Economics courses.

All 4000-level courses are Honours courses that provide the opportunity for more intensive study in a seminar setting of smaller classes while leaving scope for more individual initiative than is sometimes available in the larger, more formal lecture study. Students may be allowed to enter the Honours program after completion of Year 2 of study with approval by the Department Chair.
4000-level courses are offered on a rotating basis.
Students may not hold credit for both **MATH-1101(6)** Introduction to Calculus or the equivalent **MATH-1103 (3)** Introduction to Calculus I AND **MATH-1104 (3)** Introduction to Calculus II AND **MATH-1102(3)** Basic Calculus (Terminal).
Double Honours programs will be arranged in conjunction with the other Department involved.
Additional Information:
Students must meet Departmental prerequisites unless these are waived by the Chair of the Department concerned.
Students are encouraged to pursue courses in several discipline areas.
Students are advised to consult with the Chair or Faculty Advisor to ensure that they are correctly meeting departmental requirements.

REQUIREMENTS FOR A MINOR IN ECONOMICS

DEGREE: Students completing any undergraduate degree program are eligible to complete the Minor.

RESIDENCE REQUIREMENT
Minimum 12 credit hours

REQUIRED COURSES
ECON-1102(3) Introduction to Economics: Micro
ECON-1103(3) Introduction to Economics: Macro
ECON-2101(3) Intermediate Economics: Micro
ECON-2102(3) Intermediate Economics: Macro
Additional 6 credit hours at the 2000 or 3000 level

RESTRICTIONS: Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Course Selection
Students are advised to confirm Departmental offerings before planning their curriculum as certain courses may not be available in each term. Students are advised to ensure that currently listed courses do not duplicate material studied previously under different course numbers.

4000-Level Courses: Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).
Permission of the department is required for each 4000-level course.

COURSE LISTINGS

Courses are listed in numerical sequence; course descriptions follow by Area of Study.
Students are advised to use WebAdvisor or consult the appropriate Timetable on the website for courses to be offered in the upcoming term.

ECON-1102(3)	Introduction to Economics: Micro
ECON-1103(3)	Introduction to Economics: Macro
ECON-1104(3)	Introduction to Economic Theory
ECON-1106(3)	Introduction to Economic Development
ECON-1201(3)	Quantitative Methods for Economics and Business
ECON-2101(3)	Intermediate Economics: Micro
ECON-2102(3)	Intermediate Economics: Macro
ECON-2201(3)	Mathematics for Economics and Finance
ECON-2301(3)	Financial Markets and Financial Systems
ECON-2302(3)	Money and Banking
ECON-2303(3)	Labour Economics
ECON-2304(3)	Income Distribution and Industrial Relations
ECON-2305(3)	Canadian Economic History
ECON-2306(3)	Canadian Economic Development
ECON-2311(3)	Economics of Natural Resource Extraction
ECON-2315(3)	Indigenous Economic Development
ECON-2317(3)	Environmental Economics
ECON-2318(3)	Energy Economics
ECON/BUS-2819(3)	Corporate Finance I
ECON/BUS-2820(3)	Corporate Finance II
ECON-3104(3)	Modern Microeconomics for Economics and Business
ECON-3115(3)	Gender and the Economy
ECON-3120(3)	Microfinance in Theory and Practice
ECON-3201(3)	Econometrics for Economics and Finance
ECON-3301(3)	International Trade: Theory and Policy
ECON-3302(3)	International Finance: Theory and Policy
ECON-3303(3)	Economics of Public Expenditures: Theory and Policy
ECON-3304(3)	Economics of Taxation: Theory and Policy
ECON-3305(3)	Economic Development
ECON-3306(3)	International Aspects of Economic Development
ECON-3307(3)	Industrial Organization and Competition Policy
ECON-3308(3)	Regulation and Public Enterprises
ECON-3310(3)	Economics of Health Care in Canada
ECON-3311(3)	Government Policy Towards Business
ECON-3315(3)	Urban Economics and Real Estate Markets

ECON-3316(3) Cost-Benefit Analysis and Project Evaluation
ECON-3317(3) Economic Development in the Asia Pacific Region
ECON-3319(3) Managerial Economics
ECON/BUS-3320(3) Managerial Finance
ECON-3321(3) History of Economic Thought I
ECON-3322(3) History of Economic Thought II
ECON/BUS-3819(3) Advanced Corporate Finance
ECON-4103(3) Microeconomics
ECON-4104(3) Macroeconomics
ECON-4105(3) Advanced Microeconomics
ECON-4106(3) Advanced Macroeconomics
ECON-4201(3) Econometrics
ECON-4203(3) Topics in Mathematical Economics
ECON-4303(3) Topics in Applied Economics
ECON-4306(3) Topics in Economic Development
ECON-4307(3) Topics in Macroeconomics Theory and Policy
ECON-4310(3) Topics in International Economics
ECON-4311(3) Topics in the History of Thought: Keynes
ECON-4313(3) Topics in Industrial Organization and Competition Policy
ECON-4314(3) Topics in Public Economics
ECON-4316(3) Topics in Regulation and Public Enterprises
ECON-4317(3) Topics in Environmental and Natural Resource Economics
ECON-4318(3) Topics in Labour Economics
ECON-4411(3) Advanced Reading Course in Economics
ECON-4412(3) Advanced Reading Course in Economics
ECON/BUS-4800(3) Investments
ECON/BUS-4801(3) Options, Futures & Derivatives
ECON/BUS-4802(3) Topics in Finance I
ECON/BUS-4803(3) Topics in Finance II

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All Course Descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

ECONOMICS AND FINANCE (EFIN)

Updated March 28, 2018

Coordinator: M. Pandey**; Program Advisor**; D. Ng

DEGREES/PROGRAMS OFFERED

4-Year BA
4-Year BBA

INTRODUCTION

The field of finance has its roots in the discipline of economics and business. This program will provide students with the conceptual tools to understand a number of issues from modern finance theory and applications. The program will provide students with a solid understanding of the operation of capital markets and capital market instruments, including equities, fixed income securities, as well futures markets, options and other derivatives. The program will provide students with an in-depth understanding of topics in modern finance and financial economics as it relates to the capital structure of firms and how these financial instruments affect the overall operation of modern financial systems.

NOTE ON DEPARTMENT COURSE ADMISSION REQUIREMENTS
Economics and Finance (EFIN) students are expected to meet course requirements specified by the department offering the courses. Please note that program courses may have somewhat different requirements for registration in certain courses. For example Economics requires academic advising and approval from the Honours Advisor to register for 4000-level courses.

NOTE: Course Listings and Descriptions can be found under the appropriate Departmental Listings: Applied Computer Studies (ACS), Business and Administration (BUS), Economics (ECON), International Development Studies (IDS), Mathematics (MATH), Philosophy (PHIL), Politics (POL) and Statistics (STAT).

Students are advised to confirm Departmental offerings before planning their curriculum, as certain courses may not be available in each term. Students are advised to ensure that currently listed courses do not duplicate material studied previously under different course numbers.

REQUIREMENTS FOR THE 4-YEAR BA IN ECONOMICS AND FINANCE

ADMISSION REQUIREMENT Students must consult with the Program Coordinator or Program advisor in planning their course of study.
Minimum 30 credit hours completed previously.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Sciences:	6 credit hours in Science
Social Sciences:	12 credit hours in Social Sciences
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

REQUIRED COURSES

Required Courses Economics (15 Credit Hours)
ECON-1102 (3) Introduction to Economics: Micro
ECON-1103 (3) Introduction to Economics: Macro
ECON-2101 (3) Intermediate Economics: Micro
ECON-2102 (3) Intermediate Economics: Macro
ECON-2301 (3) Financial Markets and Financial Systems

Required Courses Business (15 Credit Hours)
BUS-1201 (3) Introduction to Business I
BUS-1202 (3) Introduction to Business II
BUS-2002 (3) Fundamentals of Financial Accounting
BUS-2210 (3) Fundamentals of Marketing
BUS-2501 (3) Fundamentals of Production and Operational Management

Required Cross-Listed Courses in Finance (choose 15 Credit Hours from the following):
ECON/ BUS-2819 (3) Corporate Finance I
ECON/ BUS-2820 (3) Corporate Finance II
ECON/ BUS-3819 (3) Advanced Corporate Finance
ECON/ BUS-4800 (3) Investments
ECON/ BUS-4801 (3) Options, Futures and Derivatives
ECON/BUS-4802 (3) Topics in Finance I
ECON/BUS-4803 (3) Topics in Finance II

Required Courses Quantitative Methods (15 Credit Hours)
(i) 6 Credit Hours in Statistics: STAT-1301(3) Statistical Analysis I and STAT-1302(3) Statistical Analysis II or the equivalent.
(ii) 6 Credit Hours in Mathematics: MATH-1103 (3) Introduction to Calculus I or MATH-1102 (3) Basic Calculus (Terminal) or ECON-1201(3) Quantitative Methods for Economics and Business AND ECON-2201(3) Mathematics for Economics and Finance**.**
(iii) 3 additional credit hours: ECON-3201 (3) Econometrics for Economics and Finance or ACS-1803 (3) Introduction to Information Systems or MATH-1104(3) Calculus II or MATH-1201(3) Linear Algebra I or MATH-2413 (3) Introduction to Mathematical Finance.

Additional Required courses Economics (choose 15 credit hours from the following):
ECON-2301 (3) Introduction to the Theory of Financial Systems
ECON-2302 (3) Introduction to Monetary Economics and Banking
ECON-3104 (3) Modern Microeconomics for Economics and Business
ECON-3319 (3) Managerial Economics
ECON/BUS-3320 (3) Managerial Finance
ECON-3302 (3) International Finance: Theory and Policy
ECON-3303 (3) Economics of Public Expenditures: Theory and Policy
ECON-3304 (3) Economics of Taxation: Theory and Policy
ECON-3311(3) Government Policy Towards Business
(Check with Program Advisor for additional Economics courses satisfying this requirement.)

Corporate Social Responsibility Requirement (choose 3 credit hours from the following):
BUS-3110 (3) Ethics in Management
BUS 3255 (3) Social Enterprise: From Theory to Practice
PHIL-2233 (3) Environmental Ethics
PHIL-2201 (6) Moral Philosophy
PHIL-2230(3) Moral Issues in Business
IDS-3101 (3) Development Ethics

Suggested Elective courses:
BUS-2103 (3) Fundamentals of Organizational Behaviour
BUS-2003 (3) Managerial Accounting
POL-2320 (3) Government-Business Relations in Canada

REQUIREMENTS FOR THE 4-YEAR BBA IN ECONOMICS AND FINANCE

ADMISSION REQUIREMENT	Students must consult with the Program Coordinator or Program advisor in planning their course of study. Minimum 30 credit hours completed previously.
GRADUATION REQUIREMENT	120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Sciences:	6 credit hours in Science
Social Sciences:	12 credit hours in Social Sciences
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

REQUIRED COURSES

Required Courses Business (15 Credit Hours)
BUS-1201 (3) Introduction to Business I
BUS-1202 (3) Introduction to Business II
BUS-2002 (3) Fundamentals of Financial Accounting
BUS-2210 (3) Fundamentals of Marketing
BUS-2501 (3) Fundamentals of Production and Operational Management

Required Courses Economics (15 Credit Hours)
ECON-1102 (3) Introduction to Economics: Micro
ECON-1103 (3) Introduction to Economics: Macro
ECON-2101 (3) Intermediate Economics: Micro
ECON-2102 (3) Intermediate Economics: Macro
ECON-2301 (3) Financial Markets and Financial Systems

Required Cross-Listed Courses in Finance (choose 15 Credit Hours from the following)
BUS/ECON -2819 (3) Corporate Finance I
BUS/ECON -2820 (3) Corporate Finance II
BUS/ECON -3819 (3) Advanced Corporate Finance
BUS/ECON -4800 (3) Investments
BUS/ECON -4801 (3) Options, Futures and Derivatives
ECON/BUS-4802 (3) Topics in Finance I
ECON/BUS-4803 (3) Topics in Finance II

Required Courses Quantitative Methods (15 Credit Hours)
(i) 6 Credit Hours in Statistics: STAT-1301(3) Statistical Analysis I and STAT-1302(3) Statistical Analysis II or the equivalent.
(ii) 6 Credit Hours In Mathematics: MATH-1103 (3). Introduction to Calculus I or MATH-1102 (3) Basic Calculus (Terminal) or ECON-1201(3) Quantitative Methods in Economics and Business AND ECON-2201(3) Mathematics for Economics and Finance
(iii) 3 additional Credit Hours: ECON-3201 (3) Econometrics for Economics and Finance or ACS-1803 (3) Introduction to Information Systems or MATH-1104(3) Calculus II or MATH-1201(3) Linear Algebra I or MATH-2413 (3) Introduction to Mathematical Finance.

Additional Required Courses (18 Credit Hours)

Required 12 credit hours:
BUS-2003 (3) Managerial Accounting
BUS-2103 (3) Fundamentals of Organizational Behaviour
BUS-2440 (3) Fundamentals of Human Resource Management
POL-2320 (3) Government-Business Relations in Canada

Corporate Social Responsibility Requirement (choose 3 credit hours from the following):
BUS-3110 (3) Ethics in Management
BUS 3255 (3) Social Enterprise: From Theory to Practice
IDS-3101 (3) Development Ethics
PHIL-2201 (6) Moral Philosophy
PHIL-2230(3) Moral Issues in Business
PHIL-2233 (3) Environmental Ethics

Integrative Course Requirement: (choose 3 credit hours from the following):
BUS-4220 (3) International Business
BUS-4540 (3) International Marketing
BUS-4901 (3) Business Strategy
BUS-4940 (3) Emerging Markets and Business Practices

Suggested Elective courses:
ECON-2301 (3) Introduction to the Theory of Financial Systems
ECON-2302 (3) Monetary Economics and Banking
ECON-3104 (3) Modern Microeconomics for Economics and Business
ECON-3302 (3) International Finance: Theory and Policy
ECON-3319 (3) Managerial Economics
ECON-3320 (3) Managerial Finance
ECON-3302 (3) International Finance: Theory and Policy
ECON-3303 (3) Economics of Public Expenditures: Theory and Policy
ECON-3304 (3) Economics of Taxation: Theory and Policy
ECON-3311(3) Government Policy Towards Business
(Check with Program advisor for additional elective courses in Economics.)

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

FACULTY OF EDUCATION (EDUC)

Updated Feb 1, 2018

Dean: Professor K. McCluskey; **Associate Dean**: Professor J. Anchan; **Professors:** K, Magro, S. Skwarchuk L. Sokal, J. Stewart, D. Sutherland, C. Taylor,; **Associate Professors:** P. Betts, L. Block, N. Hall, D. Copsey-Haydey, L. Kornelsen, R. Kroeker, **Assistant Professors:** J. DeFehr, J. Kerr, M. Kuly, M. Lukie; K. Reimer, N. Taniguchi, Y. Vizina, **Instructors:** P. Bjornson, , , L. Gazan P. Harrison, R. Hawthorne, K. Lamoureux, L. Tucker, A. Wiebe; ; **Academic Advisors:** D. Bradley, S. Martin; **Director of Student Teaching:** Instructor D. Woloshyn; **Director of Winnipeg Education Centre and Community-Based Aboriginal Teacher Education Program (WEC, CATEP):** Assistant Professor P. Baker; Academic Advisor (WEC, CATEP): K. Dowson, Academic Advisor (RRC): P. Alahakoon

DEGREES/PROGRAMS OFFERED

Integrated BEd/BA/BPHE or BSc Program
2-year After-Degree BEd Program
Integrated BEd/BA/BPHE or BSc Joint UW/RRC Business Teacher Education Program
Integrated BEd/BA/BPHE or BSc Joint UW/RRC Industrial Arts/Technology Teacher Education Program
Integrated BEd/BA/BPHE or BSc Joint UW/RRC Aboriginal Language Teacher Education Program
Joint UW/RRC Vocational Teacher Education Program
Post-Baccalaureate Diploma in Education

INTRODUCTION

The study of Education at the University of Winnipeg blends theoretical knowledge with classroom practice in order to prepare students for a professional teaching career. Students in the Education program take courses from a variety of disciplines such as history, philosophy, biology, sociology and psychology alongside courses that focus on curriculum and pedagogy.

The Education program at the University of Winnipeg is unique for several reasons. First, in addition to the preparation of pre-service teachers leading to provincial certification, the program provides an additional focus on urban inner-city education. Second, early in the program students are provided with the opportunity of working with teachers and children in classrooms. This enables students to begin the transition from university student to professional educator early in their university career. Finally, the program provides considerable opportunities for interested students to participate in community outreach projects and on-going faculty research.

BEd PROGRAMS

I. The Integrated BEd/BA/BPHE or BSc Program

This program requires students to complete a minimum of 150 credit hours. The Integrated BEd/BA/BPHE or BSc option makes it possible for students to work towards two degrees at the same time and it allows students who have made an early commitment to teaching to begin their studies within the first two years of their university career.

Normally, students enter the 5-year Integrated Program in the first year of university studies. Provision is made, however, for students who have already completed work towards another Bachelor's degree to transfer into the program.

In the 5-year Integrated Program students choose one of four streams:

EARLY YEARS prepares teachers for grades K-4
EARLY/MIDDLE YEARS prepares teachers for grades K-8
MIDDLE YEARS prepares teachers for grades 5-S1
SENIOR YEARS prepares teachers for grades S1-S4

Students must choose a major teachable area from the following:

Biology, Chemistry, English, French, Geography, German (Early, Early/Middle and Middle Years streams only), History, Kinesiology and Applied Health, Mathematics, Physics, and Theatre and Drama.

Students must also complete a minor teachable area from:

Anthropology, Biology, Chemistry, Classics, Dance, Developmental Studies (Early, Early/Middle and Middle Years streams only), Economics, English, French, Geography, German (Early, Early/Middle and Middle Years streams only), History, Kinesiology and Applied Health (Physical Education), Mathematics, Philosophy, Physics, Politics, Psychology, Sociology, Theatre.

Note: Students admitted to first year of the Integrated program after September, 2016 will choose one of two streams:
ELEMENTARY (K-8) Stream prepares teachers for grades Kindergarten-8
SENIOR YEARS (9-12) Stream prepares teachers for grades 9-12

II. The Two-Year After-Degree BEd Program

This two-year (60 credit hour) program is intended for students who already hold an undergraduate degree, which includes sufficient course work in two teachable areas. After-Degree students choose from the Early, Early/Middle, Middle or Senior Years streams. Those interested in teaching at the Senior Years level must have a major teachable area consisting of 30 credit hours, and a minor teachable area consisting of 18 credit hours. Students interested in the Early, Early/Middle or Middle Years streams must have a major teachable area consisting of 18 credit hours, and a minor teachable area consisting of 12 credit hours. In addition, they must have completed a Distribution Requirement consisting of 6 credit hours in English literature or French literature courses (courses in Rhetoric, Writing, and Communications cannot be used toward the English requirement); 6 credits hours in Math (only Math courses can be used to meet the Math requirement) Statistics courses or research methods cannot be used; 6 credit hours in

Science (only Biology, Chemistry, Physics, and Physical Geography courses can be used); 6 credit hours in Social Studies (only History and Geography courses can be used to fulfill the Social Studies requirement). Courses used toward the major and/or minor teachable areas can also be used to fulfill the Distribution Requirement. If students do not have 60 credit hours in their first degree which can be applied toward the BEd program, they must complete these requirements prior to applying to the program.

III. The Joint University of Winnipeg / Red River College Bachelor of Education Programs

The University of Winnipeg in conjunction with Red River College offers a five-year Integrated 150 credit hour BEd/BA/BPHE or BSc degree. Upon completion of the program, graduates will have a major in Business, Industrial Arts/Technology or Aboriginal Language education and a second academic major in a teachable subject area. Students in this program do courses on site at the University of Winnipeg and Red River College in all years of the program.

IV. The Joint University of Winnipeg / Red River College 2-Year or 3-Year After-Degree Program in Business Teacher Education, or the 3-Year After-Degree Program in Industrial Arts/Technology or the 2-Year or 3-Year After-Degree Program in Aboriginal Language

These programs are intended for students who already hold an undergraduate degree.

Business Teacher Education (2-Year or 3-Year After-Degree Programs): Students who have completed a first undergraduate degree with a significant concentration in business courses may be eligible for transfer credits at RRC. These students may be eligible to apply for a 2-year After-Degree program. Students whose first degree does not include a concentration in business courses would normally be eligible for a 3-year After-Degree program. Generally, students admitted to the 2-year After-Degree program will complete 30 credit hours of course work at RRC, and 30 credit hours of course work at UW. Generally, students admitted to the 3-year After-Degree program will complete 60 credit hours of course work at RRC, and 30 credit hours of course work at UW. Students may also be required to complete course work in a teachable minor in addition to the requirements for the BEd degree.

Industrial Arts/Technology Teacher Education (3-Year After-Degree Program): Students who have completed an undergraduate degree may be eligible to apply for a 3-year After-Degree program. Generally, students will complete 60 credit hours of course work at RRC, and 30 credit hours of course work at UW. Students may also be required to complete course work in a teachable minor in addition to the requirements for the BEd degree.

Aboriginal Language Teacher Education (2-Year or 3-Year After-Degree Programs): Students who have completed a first undergraduate degree with a significant concentration in Aboriginal language courses may be eligible for transfer credits at RRC. These students may be eligible to apply for a 2-year After-Degree program. Students whose first degree does not include a concentration in Aboriginal language courses would normally be eligible for a 3-year After-Degree program. Generally, students admitted to the 2-year After-Degree program will complete 30 credit hours of course work at RRC, and 30 credit hours of course work at UW. Generally, students admitted to the 3-year After-Degree program will complete 60 credit hours of course work at RRC, and 30 credit hours of course work at UW. Students may also be required to complete course work in a teachable minor in addition to the requirements for the BEd degree.

V. The Certified Teacher BEd Program

Certified teachers who have completed a minimum of one year of professional training and wish to upgrade their qualifications are eligible for this program. Students normally receive 30 credit hours in transfer credit for the year of teacher training and will be required to complete additional coursework (minimum 30 credit hours) to fulfill the requirements of the BEd/BA/BPHE or BEd/BSc.

VI. The Joint University of Winnipeg / Red River College Vocational Teacher Education Program

Graduates of the Red River College Vocational Education program who hold a limited teaching certificate may receive up to 90 credit hours towards the 150 credit hour BEd degree requirements.

VII. Winnipeg Education Centre Program (WEC)

The University of Winnipeg offers a 5-year Integrated BEd/BA program for residents of the inner city who are 21 years of age or older by the start of the September session, who are representative of the inner city population, and who are in need of academic, personal, and financial supports in order to pursue a university degree. Coursework is delivered on site at the University of Winnipeg. For further information contact the Winnipeg Education Centre, 2E00 - 511 Ellice Avenue, Winnipeg, MB, R3B 2E9, (204) 789-1418.

VIII. Community-Based Aboriginal Teacher Education Program (CATEP)

In partnership with Seven Oaks and Winnipeg School Divisions, The University of Winnipeg offers a specialized BA/BED degree program for aboriginal people who are working as teacher aides. Students must be employed by Seven Oaks or Winnipeg School Divisions and attend university part-time from September - April and full-time for May, June, and July. Due to the part-time nature of this program students will take 6.5 - 7 years to complete the 150 credit hours that comprise the degree. Applicants must first apply and be accepted by their school division for admission to this program.

IX. Post-Baccalaureate Diploma in Education (PBDE)

The PBDE is a 30 credit hour diploma program developed for in-service teachers. We currently offer both a General Stream, and a School Counselling Stream. Students in the General Stream can, depending upon their interests, needs, and/or areas of expertise, design their own, highly personalized program of studies. Students who hold a Bachelor's degree in an area other than Education, plus a full two years of related work experience, may be admitted to the General Stream. Students who complete the School Counselling Stream, and who have accumulated a minimum of two years successful teaching experience while holding a valid Manitoba Permanent Professional teaching certificate, will be eligible for a School Counsellor Certificate from Manitoba Education. Students must hold a Bachelor of Education degree in order to apply to the School Counselling stream.

Earning a PBDE has many benefits. Most notably, it allows educators an opportunity to grow personally and professionally by targeting and building their skills in specific areas. Concomitantly, it opens up possibilities for lifelong learning and personal/career

enhancement for individuals who do not have the time, inclination, or background to enrol in a formal graduate program. There are other advantages as well:

- Manitoba Education, Citizenship and Youth recognizes the PBDE for salary classification purposes.
- In appropriate circumstances, Manitoba Education, Citizenship and Youth may also count some PBDE courses toward their School Clinician, Special Education, and Level 1 or 2 School Leader Certificates.
- As a recognized Diploma, the PBDE is conferred at Convocation, and often helpful for career development and advancement.

NOTE: For more information on our various programs visit our website: www.uwinnipeg.ca/academic/as/education

EXPANDED ADMISSION INFORMATION

The University of Winnipeg affirms the values of equal opportunity, equity, and social justice. In keeping with these values, the Faculty of Education has established a policy of expanded admission to help us recruit a group of education students who generally reflect the diversity of the population of Manitoba. This policy is in addition to our Access Program at the Winnipeg Education Centre and the Community-Based Aboriginal Teacher Education Program.
Students who wish to be considered for Expanded Admission must indicate this on the Expanded Admission Student Application Form included with their application and provide supporting documentation. Applicants must be residents of Manitoba. Applications are reviewed on an individual basis and interviews may be required. Applicants are ranked among themselves and not against the general applicant pool.
Expanded Admission applicants applying to the first year of the Integrated Program must meet minimum admission requirements. Expanded Admission applicants applying as Transfer or After-Degree candidates must meet minimum admission requirements and have a minimum cumulative GPA of 2.0. Students on Probation or Not Allowed to Continue status are not eligible to apply.
Students admitted under the policy of Expanded Admission will be required to meet the same standards for progression and graduation as other students.
Note: Not all spaces may be filled.
Category 1: Aboriginal Peoples in Canada
An applicant may apply for Expanded Admission if the applicant is considered to be an Aboriginal person. An Aboriginal person is someone who identifies as a member/citizen of an Aboriginal Nation, Tribe, Band, Settlement, community or government and has been accepted as a member/citizen of that Nation, Tribe, Band, Settlement, community or government.
Applicants must provide proof of Aboriginal identity and acceptance at the time of application. One of the following will be accepted as proof for application purposes:

a. a copy of a Status or Treaty card;
b. a copy of a Métis membership card;
c. a copy of a Nunavut Trust Certificate card, roll number or any other proof accepted by Inuit communities;
d. proof that an ancestor's name has been entered
    1) in the Indian Register according to the Indian Act, or
    2) on the band list of an individual band, or
    3) on the Inuit roll;
e. evidence of an ancestor who received a land grant or a scrip grant under the Manitoba Act or the Dominion Lands Act;
f. written confirmation of Aboriginal ancestry from the Department of Indian Affairs;
g. written confirmation of membership by a band council which has enacted its own band membership code;
h. a Statutory Declaration by an applicant attesting to Aboriginal ancestry, supplemented by letters or documentation supporting the Declaration
    1) from an official of a recognized native organization, or
    2) from a relative in an Aboriginal community, or
    3) from the applicant describing involvement with Aboriginal issues.
i. Written confirmation of membership/citizenship with an Aboriginal government that has assumed control of its own membership/citizenship jurisdiction under a self-government agreement or Treaty, or by an Aboriginal government that has assumed control under its inherent governance authority as an exercise in self-determination.

Candidates applying to the Integrated Program: Maximum 5 spaces
Candidates applying to transfer into the Program: Maximum 2 spaces
Candidates applying to the After-Degree Program: Maximum 3 spaces
Candidates applying to the Business Education Program: Maximum 1 space
Candidates applying to the Industrial Education Program: Maximum 1 space

Note: If the applicant is under 18 they may provide a copy of their parents' card as proof of Aboriginal Status.

Category 2: Visible Persons

An applicant may apply for Expanded Admission if the applicant is considered to be a visible person. Visible persons are generally defined as individuals, other than Aboriginal peoples, who because of ethnicity or colour are visible in Canada.
Candidates applying to the Integrated Program: Maximum 5 spaces
Candidates applying to transfer into the Program: Maximum 2 spaces
Candidates applying to the After-Degree Program: Maximum 3 spaces
Candidates applying to the Business Education Program: Maximum 1 space
Candidates applying to the Industrial Education Program : Maximum 1 space

Category 3: Special Consideration

An applicant may apply for Expanded Admission if their educational performance has been hindered by circumstances such as:
a) barriers resulting from personal experiences related to ethnic identity
b) first language other than English
c) interruption of education by war or refugee experience
d) a permanent disability which has been formally diagnosed and supported with medical documentation
e) a previous attempt at university which is not representative of student's ability.

Applicants applying for special consideration under points a – e must include a 1 – 2 page written statement with their application describing the factors that have prevented them from achieving a competitive G.P.A. in high school and/or university and include supporting documentation (if applicable). For Transfer and After Degree applicants this statement would accompany the mandatory autobiography that all applicants must submit.

f) a GPA below 2.5 but with documented, successful classroom experience

Applicants in this category must:
- Have at least 24 months of recent (within the past 5 years), full-time experience working in a classroom, daycare (does not include home daycare) or before & after school program
- Have 24 months of experience completed by December 31 of the year prior to their application to the Faculty of Education
- Provide documentation of 24 months of full-time employment
  Include a supporting letter of reference from their supervising teacher or principal. This is in addition to the 2 letters normally required of After Degree and Transfer applicants.

Candidates applying to the Integrated Program: Maximum 5 spaces
Candidates applying to transfer into the Program: Maximum 2 spaces
Candidates applying to the After-Degree Program: Maximum 3 spaces
Candidates applying to the Business Education Program: Maximum 1 space
Candidates applying to the Industrial Education Program: Maximum 1 space

Adult Criminal Records and Child Abuse Registry Checks

The following policy applies to all applicants to the Faculty of Education including those applying to the Joint UW/RRC programs and ACCESS programs.

1. The Faculty of Education requires that all applicants must submit and be cleared on a formal Criminal Record Search Certificate (For Vulnerable Sector Search), and submit and be cleared on a formal Child Abuse Registry Check before admission can be finalized.
   a) The fee for each of these documents is the responsibility of the applicant.
2. Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check Application forms will be distributed at the mandatory orientation sessions for new Education students which take place in May and June. At these sessions, students will be provided with directions and deadlines.
   a) It can take up to 6 weeks to obtain the Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check. Students are encouraged to apply for these documents at the earliest possible date.
   b) The Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check must be dated within the last 3 months to be valid.
   c) Originals of the Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check must be presented to the Faculty of Education, Main Office. (Note: Joint UW/Red River College students should submit these documents to Red River College.)
   d) An exact duplicate will be taken and stamped by the Faculty of Education representative. Originals will then be returned to the student. Students will receive a receipt acknowledging that the original documents have been seen and copied by a University representative. Those needing to mail the documents must submit the originals.
   e) The Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check will be kept strictly confidential and held separate from the student's main university file.
3. In the process of getting a Criminal Record Search Certificate, some applicants may be informed that they require a Fingerprint Search. The Student Teaching Office must be notified of this immediately. A fingerprint search can take a few months and the applicant must get special authorization from the Faculty to remain in the program while the Fingerprint Search is conducted.
4. Applicants will automatically have their acceptance withdrawn and be removed from all courses if:
   a) they fail to submit a Criminal Record Search Certificate and/or Child Abuse Registry Check by the designated deadlines.
   b) they require a fingerprint search and have not informed the Student Teaching Office of this by August 15 (at the latest).
   c) they appear on the Child Abuse Registry.
5. The existence of a criminal record will not automatically exclude applicants, but, applicants to and graduates of Bachelor of Education programs who have adult criminal convictions which indicate they may pose a threat to the safety and well-being of children and others in the schools will be denied admission and/or teacher certification.

a) Applicants who have a criminal record may be asked to present an official fingerprint search/disposition prior to admission to the program.
b) Decisions with regard to criminal records will be made by the Legal Records Check Committee.
c) Applicants will be informed of the Committee's decision in writing. Applicants who are not admitted will have their Offer of Acceptance withdrawn and be removed from all courses.

6. Applicants are not required to disclose records under The Youth Criminal Justice Act. However, if the Faculty of Education becomes aware of a youth record which raises questions relating to the safety and well-being of children and others in the schools, this may be considered relevant for admission, continued enrollment, and/or certification purposes.
7. Once admitted, the Criminal Record Search and Child Abuse Registry Check are valid for the duration of study in the Faculty of Education as long as there is no change in status. Some practicum or service learning sites may require subsequent criminal record and/or child abuse registry checks.
   a) Students are obligated to report a change in the status of their criminal record and/or Child Abuse Registry standing to the Chair, Legal Records Check Committee, Faculty of Education. Red River College students must inform the Chair of Teacher Education at Red River College.
   b) Students who appear on the Child Abuse Registry will be immediately withdrawn from the Faculty and any ongoing Education courses.
   c) Students reporting a change in the status of their criminal record will have their case evaluated by the Legal Records Check Committee. They will be informed of the Committee's decision in writing. Students who are not allowed to continue in the Faculty of Education will be immediately withdrawn from the Faculty and any ongoing Education courses.
   d) The Faculty of Education has the right to remove a student from practicum while their case is being reviewed by the Legal Records Check Committee.
   e) Failure to disclose a criminal record or listing on the Child Abuse Registry will result in immediate expulsion from the Faculty of Education.
8. The Faculty of Education cannot be held responsible for future changes in legislation which may affect eligibility for teacher certification.

REQUIREMENTS FOR THE INTEGRATED BEd/BA/BPHE OR BSc DEGREE

The Education requirements outlined in the current Calendar apply to students admitted prior to 2016. Students admitted to first year in 2016/17 and 2017/18 will be following new degree requirements. The majority of changes to the requirements apply to Years 4 and 5 of the program. The new Year 4 will be offered for the first time in 2019/20. The new Year 5 will be offered for the first time in 2020/21. New first year students will receive advising materials that reflect the new program requirements. They will receive these materials at the first year orientation session or through their advisor.

ADMISSION REQUIREMENTS

- Space in the Integrated BEd/BA/BPHEor BSc Degree program is limited, and not all eligible applicants may be admitted.
- Students must meet regular or mature admission requirements.
- Students currently registered in a BA, BPHE or BSc program may apply to the Integrated program with advanced standing.
- The Education Selection Committee will select students on the basis of their academic qualifications and their admissibility to the program.
- Some applicants may be admitted under the category of Expanded Admission.
- Students **accepted** to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.
- Students are admitted to the program for studies commencing in the Fall term.

GRADUATION REQUIREMENTS

150 credit hours which meet all degree requirements as outlined for the Integrated BEd/BA, BPHEor BSc
Minimum 90 credit hours meeting the BA or BSc requirements.
Minimum 60 credit hours meeting the BEd requirements.

RESIDENCE REQUIREMENTS

Minimum 84 credit hours:

BA, PHBE orBSc: minimum 30 credit hours.
BEd: minimum 54 credit hours, which must include all practicum and curriculum, instruction and assessment courses.
Teachable major: minimum 18 credit hours.

GENERAL DEGREE REQUIREMENTS

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science

Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses. This requirement is met by the compulsory course EDUC 4410 Introduction to Aboriginal Education.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum Of 6 credit hours may be below the 1000 level. As a result, students must take A minimum of 108 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR/ MINOR REQUIREMENTS

ARTS, KINESIOLOGY OR SCIENCE MAJOR REQUIREMENT
Minimum 30 credit hours in a major leading to a BA, BPHE or BSc Degree (see section VII, 3)
EDUCATION MAJOR REQUIREMENT
Senior Years (9-12) Stream
30 credit hours in a major teachable area (see the tables at the end of the Education section).
Note: In some cases, the major teachable area can be fulfilled by the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas.
Early, Early/Middle, and Middle Years or Elementary (K-8) Streams
18 credit hours in a major teachable area (see the tables at the end of the Education section). These 18 credit hours may be fulfilled by courses used to meet the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas.

EDUCATION MINOR REQUIREMENT
Senior Years (9-12) Stream
18 credit hours in a minor teachable area (see the tables at the end of the Education section). These 18 credit hours may be fulfilled by courses used to meet the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas. Students with a minor in Kinesiology must complete 18 credit hours.
Early, Early/Middle, and Middle Years or Elementary (K-8) Streams
12 credit hours in a minor teachable area (see the tables at the end of the Education section). These 12 credit hours may be fulfilled by courses used to meet the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas.
Note: All Streams The major and minor must be selected from 2 different teaching areas.

Distribution Requirement
Students in the Early, Early/Middle and Middle Years streams must complete a Distribution requirement consisting of:
- 6 credit hours in English literature or French literature courses (Academic Writing courses cannot be used toward the English requirement)
- 6 credit hours in Mathematics (Only Math courses can be used; Statistics or research methods cannot be used.)
- 6 credit hours in a physical or biological science (Biology, Chemistry, Physics or Physical Geography courses can be used toward the Science requirement.)
- 6 credit hours in Social Studies (only History and Geography courses can be used to fulfill the Social Studies requirement)
- Courses used toward the major and/or minor teachable areas can also be used to fulfill the Distribution Requirement. However, students cannot use the same Geography courses to fulfill both the Science and Social Studies requirement.

REQUIRED COURSES
(Integrated BEd/BA/BPHE or BSc Degree)
Early Years, Early/Middle Years or Middle Years Stream

- EDUC-1810(3) Educational Leadership Within a Service Learning Framework (previously EDUC-2800(3)) (Note: Students in the WEC & CATEP ACCESS Programs only will complete EDUC-1801 or 1802 Education Today.)
- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC-2511(3) Learning Theory* and EDUC-2512(1) Learning Theory Practicum* (or EDUC-2514(1))
- EDUC 3510 (3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-3810(6) Teaching/Learning and the K-8 Curriculum* and EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum* (or EDUC-3814(2))
- 3 credit hours to fulfill the Education Foundations Requirement chosen from:
  CLAS-2050(3) Education in the Ancient World
  EDUC-3400(3) Educational Settings and the Sociology of Learning
  HIST-2514(3) History of Canadian Education
  HIST-2516(3) History of Education: Residential Schools
  PHIL-2291(3) History of Educational Ideas (Philosophy course)
  UIC-2515 (3) History of Education in Winnipeg's Inner City
- EDUC-4835(1) - EDUC-4842(3) Early Years Curriculum, Instruction and Assessment: All Areas*
- EDUC-4843(1) - EDUC-4948(3) Middle Years Curriculum, Instruction and Assessment: All Areas*
- if Early Years: EDUC-4820(3) Early Years Education
- if Middle Years: EDUC-4821(3) Middle Years Education
- EDUC-4410(3) Introduction to Aboriginal Education
- 3 Credit hours of Inclusive Education II Courses
- 10 credit hours of Practicum Blocks as follows:

If Early Years: Practicum Blocks EDUC-4872(2.5)*, EDUC-4875(2.5)*, EDUC-4879(2.5)* and EDUC-4881(2.5)*
If Early/Middle Years: Practicum Blocks EDUC-4872(2.5)*, EDUC-4875(2.5)*, EDUC-4879(2.5)* and EDUC-4882(2.5)*

If Middle Years: Practicum Blocks EDUC-4872(2.5)*, EDUC-4876(2.5)*, EDUC-4879(2.5)* and EDUC-4882(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

REQUIRED COURSES
(Integrated BEd/BA/BPHE or BSc Degree)
Senior Years Stream

- EDUC-1810(3) Educational Leadership within a Service Learning Framework (previously EDUC-2800(3))
- EDUC-2410(3) The School System: Structure and Dynamics- EDUC-2511(3) Learning Theory* and EDUC-2512(1) Learning Theory Practicum*
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-3810(6) Teaching/Learning and the K-8 Curriculum* and EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum*
- 3 credit hours to fulfill the Education Foundations Requirement chosen from:
  CLAS-2050(3) Education in the Ancient World
  EDUC-3400(3) Educational Settings and the Sociology of Learning
  HIST-2514(3) History of Canadian Education
  HIST-2516(3) History of Education: Residential Schools
  PHIL-2291(3) History of Educational Ideas (Philosophy course)
  UIC-2515 (3) History of Education in Winnipeg's Inner City
- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Major*
- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Minor*
- EDUC-4401(3) Just and Effective Schools
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4602(3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching
- EDUC-4701(3) Classroom Management
- EDUC-4821(3) Middle Years Education
- EDUC-4852(5) Senior Years Curriculum, Instruction and Assessment: Alternative*
- EDUC-4870(3) Senior Years Curriculum, Instruction and Assessment: Literacy Across the Curriculum*
- 3 Credit hours of Inclusive Education II Courses
- Practicum Blocks: EDUC-4873(2.5)*, EDUC-4877(2.5)*, EDUC-4880(2.5)* and EDUC-4883(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

GRADE POINT REQUIREMENTS

- Students must obtain a 2.0 GPA (C) on 91 credit hours to be admitted to the certification portion of the degree.
- Students must obtain a 2.0 GPA (C) in the courses utilized toward the major.
- Students must obtain a 2.0 GPA (C) on 150 credit hours and meet all BEd requirements to qualify for the degrees.
- A student whose GPA falls below the minimum performance level and/or is on probation will be withdrawn from the program. For the "Minimum Grade Points Required to Continue" see Academic Regulations and Policies.

NOTE: Also see "Performance in Courses EDUC-2511(3), EDUC-2512(1), EDUC-2513(3) (RRC), EDUC 2514(1) (WEC), EDUC-3810(6) and EDUC-3811(2) and EDUC-3814(2) (WEC)" in the Faculty of Education General Information section for more information.

REQUIREMENTS FOR BA, BPHE or BSc GRADUATES TO OBTAIN THE BEd (AFTER-DEGREE BEd PROGRAM)

ADMISSION REQUIREMENTS

- Space in the After-Degree BEd Program is limited, and not all eligible applicants may be admitted.
- Applicants must have completed a first undergraduate degree (minimum 90 credit hours), with appropriate course work completed in a major teachable area and a minor teachable area. As well, applicants to the Early, Early/Middle or Middle Years stream must have completed a Distribution Requirement as outlined below.
- Students accepted to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.
- Students are admitted to the program for studies commencing in the Fall term.
- Some applicants may be admitted under the category of Expanded Admission.

GRADUATION REQUIREMENTS Minimum 150 credit hours total for graduation with the second degree.
60 credit hours which meet all BEd requirements.

RESIDENCE REQUIREMENT
Degree: Minimum 48 credit hours, including all practicum, curriculum, instruction and assessment courses.

EDUCATION MAJOR REQUIREMENT
Senior Years Stream
30 credit hours in a major teachable area (see the tables at the end of the Education section).

Note: In some cases, the major teachable area can be fulfilled by the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas.

Early, Early/Middle, and Middle Years Streams

18 credit hours in a major teachable area (see the tables at the end of the Education section). These 18 credit hours may be fulfilled by courses used to meet the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas.

EDUCATION MINOR REQUIREMENT

Senior Years Stream

18 credit hours in a minor teachable area (see the tables at the end of the Education section). These 18 credit hours may be fulfilled by courses used to meet the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas. Students with a minor in Kinesiology must complete 18 credit hours.

Early, Early/Middle, and Middle Years Streams

12 credit hours in a minor teachable area (see the tables at the end of the Education section). These 12 credit hours may be fulfilled by courses used to meet the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas.

Note: All Streams The major and minor must be selected from 2 different teaching areas.

Distribution Requirement

Students in the Early, Early/Middle and Middle Years streams must complete a Distribution requirement consisting of:

- 6 credit hours in English literature or French literature courses (Academic Writing courses cannot be used toward the English requirement)
- 6 credit hours in Mathematics (Only Math courses can be used; Statistics or research methods cannot be used.)
- 6 credit hours in a physical or biological science (Biology, Chemistry, Physics or Physical Geography courses can be used toward the Science requirement.)
- 6 credit hours in Social Studies (only History and Geography courses can be used to fulfill the Social Studies requirement)
- Courses used toward the major and/or minor teachable areas can also be used to fulfill the Distribution Requirement. However, students cannot use the same Geography courses to fulfill both the Science and Social Studies requirement.

REQUIRED COURSES
(After-Degree)
Early Years, Early/Middle Years or Middle Years Stream

- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-4002(6) Foundations of Teaching and Learning
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4835(1) EDUC-4842(3) Early Years Curriculum, Instruction and Assessment: All Areas*
- EDUC-4843(1) EDUC-4948(3) Middle Years Curriculum, Instruction and Assessment: All Areas*
- 3 Credit hours of Inclusive Education II Courses
- 10 credit hours of Practicum Blocks as follows:

If Early Years: Practicum Blocks EDUC-4872(2.5)*, EDUC-4875(2.5)*, EDUC-4879(2.5)* and EDUC-4881(2.5)*
If Early/Middle Years: Practicum Blocks EDUC-4872(2.5)*, EDUC-4875(2.5)*, EDUC-4879(2.5)* and EDUC-4882(2.5)*
If Middle Years: Practicum Blocks EDUC-4872(2.5)*, EDUC-4876(2.5)*, EDUC-4879(2.5)* and EDUC-4882(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education Program residency requirements.

REQUIRED COURSES
(After-Degree)
Senior Years Stream

- EDUC-2410(3) The School System: Structure and Dynamics
- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Major*
- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Minor*
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-4002(6) Foundations of Teaching and Learning
- EDUC-4401(3) Just and Effective Schools

- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4602(3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching
- EDUC-4701(3) Classroom Management- EDUC-4852(5) Senior Years Curriculum, Instruction and Assessment: Alternative*
- EDUC-4870(3) Senior Years Curriculum, Instruction and Assessment: Literacy Across the Curriculum*
- 3 Credit hours of Inclusive Education II Courses
- Practicum Blocks: EDUC-4873(2.5)*, EDUC-4877(2.5)*, EDUC-4880(2.5)* and EDUC-4883(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

GRADE POINT REQUIREMENTS:

- Students must obtain a minimum 2.0 GPA (C) over the 60 credit hours used toward the BEd degree.

NOTE: Also see “Rules and Regulations Governing the After-Degree Program” in the Faculty of Education General Information section for more information.

REQUIREMENTS FOR THE INTEGRATED BEd/BA/BPHE OR BSc JOINT UW/RRC BUSINESS TEACHER EDUCATION or INDUSTRIAL ARTS/TECHNOLOGY TEACHER EDUCATION PROGRAMS

ADMISSION REQUIREMENTS

- Students must be admitted by both institutions. As admission to Red River College is contingent upon acceptance by the University of Winnipeg, students must submit their application to the University of Winnipeg.
- Students must meet Regular or Mature status admission requirements.
- Students currently registered in a BA, BPHE or BSc program, or students who have completed a first undergraduate degree, may apply to the Joint UW/RRC program.
- The Joint UW/RRC Education Selection Committee will select students on the basis of their academic qualifications and admissibility to the program.
- Students accepted to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.
- Students are admitted to the program for studies commencing in the Fall Term.

NOTE: Students are advised that courses taken at Red River College will not normally be credited toward other degree programs. For example, students who withdraw from the Joint UW/RRC teacher education program and wish to pursue only a BA, BPHE or BSc degree will lose a significant number of credit hours.

GRADUATION REQUIREMENTS	150 credit hours which meet all degree requirements as outlined for the Integrated BEd/BA/BPHE or BSc Joint UW/RRC Business Teacher Education or Industrial Arts/Technology Teacher Education Program.
RESIDENCE REQUIREMENTS	Minimum 84 credit hours in coursework taken at UW and RRC; minimum 48 credit hours at UW. BA, BPHE or BSc: minimum 30 credit hours. BEd: minimum 54 credit hours in course work taken at UW and RRC; minimum 18 credit hours at UW which must include all practicum and, curriculum, instruction, and assessment courses. Teachable major: minimum 18 credit hours.

GENERAL DEGREE REQUIREMENTS

Major:	Minimum 30 credit hours in a teachable subject.
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses. This requirement is met by the compulsory course EDUC 4410 Introduction to Aboriginal Education.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of credit hours may be below the 1000 level. As a result, students must take a minimum of 108 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

REQUIRED COURSES
(Integrated BEd/BA/BPHE or BSc Degree)
Joint UW/RRC Business Teacher Education Stream
Red River College courses:

-ACCT-1975 Fundamentals of Accounting
-ACCT-2245 Intermediate Accounting
-BUSA-1305 Business Organization and the Consumer
-COMM-1067 Information and Communication Tech
-COMP-1993 Keyboarding & Print Communications I
-COMP-1994 Software Applications
-COMP-1995 Computerized Accounting
-COMP-1996 Multimedia & Digital Applications
-EDUC-1003 Animation and Digital Applications
-EDUC-1074 Commercial Law
-EDUC-1075 Business Education Methods and Practicum I
-EDUC-1076 Seminar and School Experience
-EDUC-1077 Testing and Evaluation
-EDUC-1078 Course Development
-EDUC-1079 Issues in Business Education
-EDUC-1080 Topics in Business Education
-EDUC-2001 Information Communication Technology Methods and Practicum 1
-EDUC-2002 Information Communication Technology Methods and Practicum 2
-EDUC-2003 Business Education Methods and Practicum 2
-MRKT-1751 Marketing
-MRKT-2090 Retail Management
-PRAC-3327 Business Student Teaching

University of Winnipeg courses:

- EDUC-2410(3) The School System: Structure and Dynamics

- EDUC-2513(3) Learning Theory*
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-4821(3) Middle Years Education
- 3 credit hours to fulfill the Education Foundations Requirement chosen from:
  CLAS-2050(3) Education in the Ancient World
  EDUC-3400(3) Educational Settings and the Sociology of Learning
  HIST-2514(3) History of Canadian Education
  HIST-2516(3) History of Education: Residential Schools
  PHIL-2291(3) History of Educational Ideas (Philosophy course)
  UIC-2515 (3) History of Education in Winnipeg's Inner City
- 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Major*
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College

- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum*
- 3 credit hours of Inclusive Education II Courses

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

REQUIRED COURSES
(Integrated BEd/BA, BPHE or BSc)
Joint UW/RRC Industrial Arts/Technology Teacher Education Program Red River College courses:

- EDUC-1076 Seminar and School Experience
- EDUC-1077 Testing and Evaluation
- EDUC-1078 Course Development
- EDUC-1081 Manufacturing Technology-Introduction
- EDUC-1083 Construction Technology-Introduction 1
- EDUC-1084 Power and Energy Technology-Introduction 1
- EDUC-1085 Industrial Arts Education Methods and Practicum 1
- EDUC-1086 Organizing Technology Education Facilities
- EDUC-1088 Issues in Industrial Arts/Technology Education
- EDUC-1089 Topics in Industrial Arts/Technology Education
- EDUC-1116 Graphic Communications Tech 1
- EDUC-2070 Construction Technology -Intermediate
- EDUC-2071 Power and Energy Technology-Intermediate
- EDUC-2089 Manufacturing Technology-Intermediate
- EDUC-2090 Industrial Arts Education Methods and Practicum 2
- EDUC-2091 Teaching Industrial Arts/Technology Education
- EDUC-2095 Graphic Communications Tech 2
- EDUC-3225 Manufacturing Technology-Advanced
- EDUC-3226 Construction Technology-Advanced
- EDUC-3227 Power and Energy Technology-Advanced
- EDUC-3229 Graphic Communications Technology-Advanced
- PRAC-3008 Industrial Arts Student Teaching

University of Winnipeg courses:

- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC-2513(3) Learning Theory*
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-4821(3) Middle Years Education
- 3 credit hours to fulfill the Education Foundations Requirement chosen from:
  CLAS-2050(3) Education in the Ancient World
  EDUC-3400(3) Educational Settings and the Sociology of Learning
  HIST-2514(3) History of Canadian Education
  HIST-2516(3) History of Education: Residential Schools
  PHIL-2291(3) History of Educational Ideas (Philosophy course)
  UIC-2515 (3) History of Education in Winnipeg's Inner City
- 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Major*
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum*
- 3 Credit hours of Inclusive Education II Courses

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

GRADE POINT REQUIREMENTS

- Students must obtain a 2.0 GPA (C) on 150 credit hours and meet all degree and diploma requirements.
- Students must obtain a 2.0 GPA (C) in the courses utilized toward the major.
- A student whose GPA falls below the minimum performance level and/or is on probation will be withdrawn from the program. For the "Minimum Grade Points Required to Continue" see Academic Regulations and Policies.

NOTE: Also see "Performance in Courses EDUC-2511(3), EDUC-2512(1), EDUC-2513(3) (RRC),EDUC-2514(1) (WEC), EDUC-3810(6), EDUC-3811(2) and EDUC-3814(2) (WEC)" in the Faculty of Education General Information section for more information.

REQUIREMENTS FOR BA, BPHE OR BSc GRADUATES TO OBTAIN THE JOINT UW/RRC BEd IN BUSINESS TEACHER EDUCATION OR INDUSTRIAL ARTS/TECHNOLOGY TEACHER EDUCATION (AFTER-DEGREE PROGRAMS)

ADMISSION REQUIREMENTS
- Space in the Joint UW/RRC After-Degree BEd programs is limited, and not all eligible applicants may be admitted.
- Students must meet Regular admission requirements.
- The Joint UW/RRC Education Selection Committee will select students on the basis of their academic qualifications and admissibility to the program.
- Students must be admitted by both institutions. As admission to Red River College is contingent upon acceptance by the University of Winnipeg, students must submit their application to the University of Winnipeg.
- Applicants must have completed a first undergraduate degree. Minimum 90 credit hour degree.
- Depending on the content of the first degree, advance credit may be granted for Red River courses. If admitted to the 2-Year After Degree program, students must complete an additional 60 credit hours. If admitted to the 3-Year After Degree program, students must complete an additional 90 credit hours. Advance standing in Red River courses will be evaluated by the Chair of Teacher Education, Red River College.
- Students accepted to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.

NOTE: Students are advised that courses taken at Red River College will not normally be credited toward other degree programs. For example, students who withdraw from the Joint UW/RRC teacher education program and wish to pursue only a BA, BPHE or BSc degree will lose a significant number of credit hours.

GRADUATION REQUIREMENTS

Minimum 150 credit hours total for graduation (2-Year After-Degree program in Business Teacher Education); minimum 180 credit hours total for graduation (3-Year After-Degree program in Business Teacher Education or 3-Year After-Degree program in Industrial Arts/Technology Teacher Education).
Minimum 60 credit hours which meet all BEd requirements.
Students must obtain a minimum 2.0 GPA (C) over the 60 credit hours used toward the BEd Degree.

RESIDENCE REQUIREMENTS

Minimum 48 credit hours in course work completed at UW and RRC; minimum 15 credit hours taken at UW, which must include all practicum and curriculum, instruction and assessment courses.

REQUIRED COURSES
(After-Degree Program)
Joint UW/RRC Business Teacher Education
NOTE: Students must have completed 18 credit hours of appropriate courses in a teachable minor, prior to enrolling in the related Senior Years Curriculum, Instruction and Assessment course and associated practicum. Completion of a teachable minor may require courses beyond the first degree.

Red River College courses:
- ACCT-1975 Fundamentals of Accounting
- ACCT-2245 Intermediate Accounting
- BUSA-1305 Business Organization and the Consumer
- COMP-1993 Keyboarding & Print Communications
- COMP-1994 Software Applications
- COMP-1995 Computerized Accounting
- COMP-1996 Multimedia & Digital Applications
- EDUC-1074 Commercial Law
- EDUC-1075 Business Education Methods and Practicum I
- EDUC-1076 Seminar and School Experience
- EDUC-1077 Testing and Evaluation
- EDUC-1078 Course Development
- EDUC-2001 Information Communication Technology Methods and Practicum 1
- EDUC-2002 Information Communication Technology Methods and Practicum 2
- EDUC-2003 Business Education Methods and Practicum 2
- MRKT-1751 Marketing
- MRKT-2090 Retail Management
- PRAC-3327 Business Student Teaching

Two of the following three courses:
- COMM-1067 Information and Communication Tech
- EDUC-1080 Topics in Business Education
- EDUC-1003 Animation and Digital Applications

University of Winnipeg courses:
- 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Minor*
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College
- EDUC-2410(3) The School System: Structure and Dynamics

- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4821(3) Middle Years Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum*
- 3 credit hours of Inclusive Education II Courses
- 3 credit hours chosen from:
  EDUC-2232(3) Conflict Resolution in Educational Settings
  EDUC-3400(3) Educational Settings and the Sociology of Learning
  EDUC-4401(3) Just and Effective Schools
  HIST-2514(3) History of Canadian Education
  PHIL-2291(3) History of Educational Ideas (Philosophy course)
  SOC-1105(3) Beginning Sociology in Education
  UIC-2515 (3) History of Education in Winnipeg's Inner City

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education Program residency requirements.

REQUIRED COURSES
(After-Degree Program)
Joint UW/RRC Industrial Arts/Technology Teacher Education
NOTE: Students must have completed 18 credit hours of appropriate courses in a teachable minor, prior to enrolling in the related Senior Years Curriculum, Instruction and Assessment course and associated practicum. Completion of a teachable minor may require courses beyond the first degree.

Red River College courses:
- EDUC-1076 Seminar and School Experience
- EDUC-1077 Testing and Evaluation
- EDUC-1078 Course Development
- EDUC-1081 Manufacturing Technology-Introduction
- EDUC-1083 Construction Technology-Introduction 1
- EDUC-1084 Power and Energy Technology-Introduction 1
- EDUC-1085 Industrial Arts Education Methods and Practicum 1
- EDUC-1086 Organizing Technology Education Facilities
- EDUC-1116 Graphic Communications Tech 1
- EDUC-2070 Construction Technology -Intermediate
- EDUC-2071 Power and Energy Technology-Intermediate
- EDUC-2089 Manufacturing Technology-Intermediate
- EDUC-2090 Industrial Arts Education Methods and Practicum 2
- EDUC-2091 Teaching Industrial Arts/Technology Education
- EDUC-2095 Graphic Communications Tech 2
- EDUC-3225 Manufacturing Technology-Advanced
- EDUC-3226 Construction Technology-Advanced
- EDUC-3227 Power and Energy Technology-Advanced
- EDUC-3229 Graphic Communications Technology-Advanced
- PRAC-3008 Industrial Arts Student Teaching

University of Winnipeg courses:
- 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Minor*
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College
- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4821(3) Middle Years Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum*
- 3 Credit hours of Special Education II Courses
- 3 credit hours chosen from:
  EDUC-2232(3) Conflict Resolution in Educational Settings
  EDUC-3400(3) Educational Settings and the Sociology of Learning
  EDUC-4401(3) Just and Effective Schools
  HIST-2514(3) History of Canadian Education
  PHIL-2291(3) History of Educational Ideas (Philosophy course)
  SOC-1105(3) Beginning Sociology in Education
  UIC-2515 (3) History of Education in Winnipeg's Inner City

*Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

GRADE POINT REQUIREMENTS
- Students must obtain a minimum 2.0 GPA (C) over the 60 credit hours used toward the BEd degree.

NOTE: Also see "Rules and Regulations Governing the After-Degree Program" in the Faculty of Education General Information section for more information.

REQUIREMENTS FOR THE JOINT UW/RRC VOCATIONAL TEACHER EDUCATION PROGRAM

ADMISSION REQUIREMENTS
- Students must have completed the RRC Vocational Teacher Education Diploma before being admitted to the UW BEd Program.
- Students must meet regular or mature admission requirements.
- Students **accepted** to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.

NOTE: Students are advised that courses taken at Red River College will not normally be credited toward other degree programs. For example, students who withdraw from the Joint UW/RRC teacher education program and wish to pursue only a BA, BPHE or BSc degree will lose a significant number of credit hours.

GRADUATION REQUIREMENTS Minimum 150 credit hours in RRC transfer credits and UW credits which meet all degree requirements as outlined for the 5-year Bachelor of Education Degree. Students may receive up to 90 credit hours of RRC credits, and will normally be required to complete 60 credit hours at UW.

RESIDENCE REQUIREMENTS Minimum 30 credit hours

GENERAL DEGREE REQUIREMENTS

Teachable Minor:	Minimum 18 credit hours
Professional/Support Courses:	Minimum 30 credit hours, which may include some required courses.
General Electives:	To bring total UW credits to 60 credit hours.

REQUIRED COURSES

Joint UW/RRC Vocational Teacher Education Program
- 6 credit hours in Senior Years Curriculum, Instruction & Assessment*

Note: Students may choose to complete Senior Years Curriculum, Instruction & Assessment courses appropriate to their minor, or they may complete Senior Years Curriculum, Instruction & Assessment: General Methods. Students are advised that if they choose to register for the Senior Years Curriculum, Instruction & Assessment courses related to their minor, they will have to be available to take classes during the day, in the regular Fall/Winter academic year.
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College
- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum*
- 3 Credit hours of Inclusive Education II Courses
- 6 credit hours of Professional or Support courses

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

GRADE POINT REQUIREMENTS
- Students must obtain a 2.0 GPA (C) on 60 credit hours taken at UW to complete degree requirements.
- A student whose GPA falls below the minimum performance level and/or is on probation will be withdrawn from the program. For the “Minimum Grade Points Required to Continue” see Academic Regulations and Policies.

REQUIREMENTS FOR THE INTEGRATED BEd/BA, BPHE OR BSc JOINT UW/RRC ABORIGINAL LANGUAGE TEACHER EDUCATION PROGRAM

ADMISSION REQUIREMENT
- Students must have completed the Aboriginal Language Specialist Diploma at Red River College prior to beginning studies at the University of Winnipeg.
- Students applying to the Joint Aboriginal Language Teacher Education Program at UW must apply by May 1 each year. They are not required to submit an autobiography or have an interview.
- Students must meet Regular status admission requirements.
- Aboriginal Language Specialist students are required to submit a Criminal Record and Child Abuse Registry check as part of their admission to RRC. Students who continue on to the U of W, Faculty of Ed, will only be required to submit copies of the documents they provided to RRC. They will not be required to produce new Criminal Record or Child Abuse Registry checks. If, however, there has been a change in the status of these checks, they will be required to produce new ones.
-Students are admitted to the program for studies commencing in the Fall Term.
- Students have a choice of the Elementary (K-8) Stream or the Senior Years (9-12) Stream. Due to the sequencing of courses it will likely take a minimum of four (4) years of studies to complete all requirements.
- Students who apply to the Elementary (K-8) Stream will be admitted to the Winnipeg Education Centre (WEC) division of the Faculty of Education. They will be pursuing an Elementary (K-8) stream with teachable areas of History and English.
- Students who apply to the Senior Years (9-12) Stream will be admitted to the regular Integrated B.Ed. Program.
- Students typically receive the equivalent of 4 weeks of practicum for the RRC portion and require an additional 20 weeks of practicum from UW to meet the requirement of 24 weeks of student teaching.
- Students seeking the Elementary (K-8) Stream receive block credit of 60 ch for the RRC portion of their program and need to complete a minimum of 111 ch to meet the requirements for a BEd degree.

- Students seeking the Secondary (9-12) Stream receive block credit of 60 ch for the RRC portion of their program and need to complete a minimum of 102 ch to meet the requirements for a BEd degree. Students may require more than 102 ch depending upon choice of teachable areas.

GRADUATION REQUIREMENTS minimum 150 credit hours which meet all degree requirements as outlined for the Integrated BEd/BA/BPHE or BSc Joint UW/RRC Aboriginal Language Teacher Education Program.

RESIDENCE REQUIREMENTS Minimum 84 credit hours in coursework taken at UW and RRC; minimum 48 credit hours at UW.
BA/BPHE/BSc: minimum 30 credit hours.
BEd: minimum 54 credit hours in coursework taken at UW and RRC; minimum 18 credit hours at UW which must include all practicum and, curriculum, instruction, and assessment courses.
Teachable major: minimum 18 credit hours.

GENERAL DEGREE REQUIREMENTS

Major:	Minimum 30 credit hours in a teachable subject.
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses. This requirement is met by coursework completed in the Red River College portion of the program. Maximum Introductory CoursesStudents may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 108 credit hours at the 2000 -level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

REQUIRED COURSES
(Integrated Bed/BA/BPHE or BSc Degree)
Joint UW/RRC Aboriginal Language Stream Red River College courses:
-Completion of the Aboriginal Language Specialist Diploma at Red River College.

University of Winnipeg courses if completing Elementary (K-8) Stream (63 ch):
- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC-2511(3) Learning Theory* and EDUC-2514(1) Learning Theory Practicum (WEC)*
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-3810(6) Teaching/Learning and the K-8 Curriculum* and EDUC-3814(2) Teaching/Learning and the K-8 Curriculum Practicum (WEC)*
- EDUC 4835(1) – EDUC 4842(3) Early Years Curriculum, Instruction and Assessment: All Areas*
- EDUC 4843(1) – EDUC 4948(3) Middle Years Curriculum, Instruction and Assessment: All Areas*
- 3 Credit hours of Inclusive Education II Courses
- Practicum Blocks EDUC-4872(2.5)*, EDUC-4875(2.5)*, EDUC 4879(2.5)* and EDUC 4882(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

University of Winnipeg courses if completing Secondary (9-12) Stream (60 ch):
- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC-2511(3) Learning Theory* and EDUC-2512(1) Learning Theory Practicum*
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-3810(6) Teaching/Learning and the K-8 Curriculum* and EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum*
- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Major* (UW teachable area)
- EDUC-4401(3) Just and Effective Schools
- EDUC-4602(3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching
- EDUC-4701(3) Classroom Management
- EDUC-4821(3) Middle Years Education
- EDUC-4852(5) Senior Years Curriculum, Instruction and Assessment: Alternative*
- EDUC-4870(3) Senior Years Curriculum, Instruction and Assessment: Literacy Across the Curriculum*
- 3 Credit hours of Inclusive Education II Courses
- 3 Credit hours to fulfill the Trends and Topics Requirement
- Practicum Blocks: EDUC-4873(2.5)*, EDUC-4877(2.5)*, EDUC-4880(2.5)* and EDUC-4883(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

NOTE: Requirements are subject to change.

GRADE POINT REQUIREMENTS
- Students must obtain a 2.0 GPA (C) on 150 credit hours and meet all degree and diploma requirements.
- Students must obtain a 2.0 GPA (C) in the courses utilized toward the major.

- A student whose GPA falls below the minimum performance level and/or is on probation will be withdrawn from the program. For the "Minimum Grade Points Required to Continue" see Academic Regulations and Policies.

NOTE: Also see "Performance in Courses EDUC-2511(3), EDUC-2512(1), EDUC-2513(3) (RRC),EDUC-2514(1) (WEC), EDUC-3810(6), EDUC-3811(2) and EDUC-3814(2) (WEC)" in the Faculty of Education General Information section for more information.

REQUIREMENTS FOR BA, BPHE OR BSc GRADUATES TO OBTAIN THE JOINT UW/RRC BEd IN ABORIGINAL LANGUAGE TEACHER EDUCATION (AFTER-DEGREE BEd PROGRAM)

ADMISSION REQUIREMENT

- Applicants must have completed a first undergraduate degree (minimum 90 credit hours).
- Students must also have completed the Aboriginal Language Specialist Diploma at Red River College prior to beginning studies at the University of Winnipeg.
- Students applying to the Joint Aboriginal Language Teacher Education Program at UW must apply by May 1 each year. They are not required to submit an autobiography, or have an interview.
- Students must meet Regular status admission requirements.
- Aboriginal Language Specialist students are required to submit a Criminal Record and Child Abuse Registry check as part of their admission to RRC. Students who continue on to the U of W, Faculty of Ed, will only be required to submit copies of the documents they provided to RRC. They will not be required to produce new Criminal Record or Child Abuse Registry checks. If, however, there has been a change in the status of these checks, they will be required to produce new ones.
- Students are admitted to the program for studies commencing in the Fall Term.
- Students have a choice of the Elementary (K-8) Stream or the Senior Years (9-12) Stream.
- Students who apply to the Elementary (K-8) Stream will be admitted to the Winnipeg Education Centre (WEC) division of the Faculty of Education.
- Students who apply to the Senior Years (9-12) Stream will be admitted to the regular Integrated B.Ed. Program.
- Students typically receive the equivalent of 4 weeks of practicum for the RRC portion and require an additional 20 weeks of practicum from UW to meet the requirement of 24 weeks of student teaching.
- After Degree students require a second teachable area (minor) in addition to their major teachable of Aboriginal Languages. If the minor was not completed as part of the first degree students will likely require an extra year of study to complete the requirements of the minor.

GRADUATION REQUIREMENTS Minimum 150 credit hours total for graduation with the second degree.
60 credit hours which meet all BEd requirements.

RESIDENCE REQUIREMENT
Degree: Minimum 48 credit hours, including all practicum, curriculum, instruction and assessment courses.

REQUIRED COURSES
(After Degree Program)
Joint UW/RRC Aboriginal Language Stream

Red River College courses:
- L96-A002 Aboriginal Writing 1
- L96-A005 Introduction to Linguistics
- L96-A008 Seminar on Traditional Teachings
- L96-A012 Introduction to Translation
- L96-A201 Aboriginal Writing 2
- L96-A204 Algonquian Linguistics 2
- L96-A207 Seminar on Traditional Teachings 2
- L96-A213 Translation 2
- L96-A207a Seminar on Traditional Teachings 3
- L96-A213a Translation 3
- L96-A201a Aboriginal Writing 3
- L96-A204a Algonquian Linguistics 3
- B22-E203 Course Development
- L96-A3XX Curriculum, Instruction & Assessment: Aboriginal Language Education 1
- B22-E204 Educational Testing and Evaluation
- L96-A3YY Curriculum, Instruction & Assessment: Aboriginal Language Education 2
- B22-T110 Seminar & School Experience
- L96-A013 Aboriginal Language Education: Methods and Practicum I
- L96-A212 Aboriginal Language Education: Methods and Practicum II
- B22-T212 Student Teaching - Major

University of Winnipeg courses if completing Elementary (K-8) Stream (51 ch):

- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))

- EDUC 4835(1) – EDUC 4842(3) Early Years Curriculum, Instruction and Assessment: All Areas*
- EDUC 4843(1) – EDUC 4948(3) Middle Years Curriculum, Instruction and Assessment: All Areas*
- 3 Credit hours of Inclusive Education II Courses
- Practicum Blocks EDUC-4872(2.5)*, EDUC-4875(2.5)*, EDUC 4879(2.5)* and EDUC 4882(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

University of Winnipeg courses if completing Senior Years (9-12) Stream (51 ch):

- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-4002(6) Foundations of Teaching and Learning
- EDUC-4401(3) Just and Effective Schools
- EDUC-4602(3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching
- EDUC-4701(3) Classroom Management
- EDUC-4852(5) Senior Years Curriculum, Instruction and Assessment: Alternative*
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum*
- 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Minor*
- 3 Credit hours of Inclusive Education II Courses
- 3 Credit hours to fulfill the Trends and Topics Requirement
- Practicum Blocks: EDUC-4873(2.5)*, EDUC-4877(2.5)*, EDUC-4880(2.5)* and EDUC-4883(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.
NOTE: Requirements are subject to change.

GRADE POINT REQUIREMENTS
- Students must obtain a minimum 2.0 GPA (C) over the 60 credit hours used toward the BEd degree.

NOTE: Also see "Rules and Regulations Governing the After-Degree Program" in the Faculty of Education General Information section for more information.

REQUIREMENTS FOR POST-BACCALAUREATE DIPLOMA IN EDUCATION (PBDE)

ADMISSION REQUIREMENTS
To be considered for the University of Winnipeg PBDE, candidates must meet the following requirements:
- Have maintained a minimum GPA of 2.0 in all degree or after-degree programs.
- Hold a Bachelor of Education degree (or equivalent), or
- Hold a Bachelor's degree in an area other than Education, plus a full two years of related experience in a school setting. (General Stream only)

PROGRAM REQUIREMENTS
The Post-Baccalaureate Diploma in Education at the University of Winnipeg is subject to the following requirements:
General Stream
- Students must complete 30 credit hours of course work to earn their PBDE.
- A minimum of 18 credit hours must be University of Winnipeg Education courses at the 5,000 level (which also fulfills the Residency Requirement).
- Although the entire Program might be comprised of Education courses, a maximum of 12 credit hours may be below the 5,000 level and taken from any Faculty. (Students, however, may not count courses at the 1,000 level or lower).
- A maximum of 12 credit hours may be taken from other post-secondary institutions and, upon approval from the Faculty of Education, transferred to the University of Winnipeg's PBDE Program.
- There will be no credit given for professional development sessions (i.e. only formal university courses will be accepted for the PBDE).
- Students must achieve an overall GPA of 2.5 (or C+ Average) on the 30 credit hours needed for the PBDE.

PBDE Counselling Stream
The University of Winnipeg's Post Baccalaureate Diploma in School Counselling prepares students with the theory and skills needed to develop and deliver counselling programs that promote students' personal and social well being, academic achievement, and career development in schools. This program will be of interest to both novice and experienced counsellors who wish to take on expanded leadership roles in their schools. This program meets the requirements of the School Counsellor Certificate granted by Manitoba Education and Advanced Learning..

Required Courses – 18 credit hours
EDUC-5420(3) Introduction to School Counselling
EDUC-5421(3) Theories and Issues in School Counselling
EDUC-5425(3) Counselling Ethics
One of the following courses:
    EDUC-5422(3) Elementary School Counselling
    EDUC-5423(3) Secondary School Counselling
    EDUC-5424(3) Group Counselling
EDUC-5426(3) School Counselling Practicum Skills
EDUC-5427(3) Supervised Counselling Practicum

Electives – 12 credit hours chosen from the following list (subject to change)
This is an evolving list – new courses may be added as they are developed. Students are advised to consult the Faculty of Education website for updated information
http://www.uwinnipeg.ca/pbde

EDUC-5401(3) Creative Problem Solving
EDUC-5402(3) Expanding Gifted Education
EDUC-5403(3) Meeting the Needs of FAS/FAE Students
EDUC-5404(3) Reaching the ADHD Child
EDUC-5405(3) Reclaiming Troubled Children and Youth
EDUC-5406(3) Steps to Achieving Real-Life Skills
EDUC-5411(3) Youth Violence in Schools
EDUC-5428(3) Teaching Newcomers in Canada
EDUC-5430(3) Sex and Health Education
EDUC-5431(3) Mental Health Promotion in Schools
EDUC-5432(3) Crises and Trauma
EDUC-5444(3) Engaging Reluctant Learners
EDUC-5445(3) Educational Assessment
EDUC-5446(3) Poverty and Potential
EDUC-5447(3) Sex, Gender and Diversity
EDUC-5448(3) Programming for Aboriginal Students
EDUC-5449(3) Bullying and Violence
EDUC-5450(3) Risk and Resilience
EDUC-5452(3) Leadership in Inclusive Education
EDUC-5001(3) ST: Adult Learning and Literacy
EDUC-5001(3) ST: Anxiety in Children and Youth
EDUC-5001(3) ST: Art of Kid Whispering
EDUC-5001(3) ST: Assessment Research I
EDUC-5001(3) ST: The Building Blocks of Hope I
EDUC-5001(3) ST: The Building Blocks of Hope II
EDUC-5001 (3) ST: Conflict Resolution and Restorative Practices in Ed Settings
EDUC-5001(3) ST: Creative and Critical Thinking
EDUC-5001(3) ST: Crisis and Trauma
EDUC-5001(3) ST: Developing Creative Leadership – A Special Type of Giftedness
EDUC-5001(3) ST: Development Therapy Dev. Teaching Program
EDUC-5001(3) ST: Global Citizenship
EDUC-5001(3) ST: Learning Challenges/Disabilities – ADHD
EDUC-5001(3) ST: Social Justice Inside and Out
EDUC-5001(3) ST: Strategies and Models for Higher Order Thinking
EDUC-5001(3) ST: Teacher Stories, Student Stories: Educating with Purpose
EDUC 5001(3) ST: Teaching and Assisting Children Affected by War
EDUC-5001(3) ST: Vulnerable Children and Youth: Strategies for Resiliency

Additional Information
EDUC-5427(3) Supervised Counselling Practicum – students must have completed all other required and elective courses in order to be eligible to register for this course. This course involves completion of 100 hours of practicum in a school setting. Students cannot arrange their own placements, and cannot be placed in a school in which they are currently employed. Students may need to take a leave of absence from their jobs in order to have the time necessary to complete practicum hours. Placements are limited, and subject to cancellation if there is low enrollment.

GENERAL INFORMATION

Course Selection, Advising and Registration Information - Integrated Program, Years 1-3
- Education students are advised through the Faculty of Education Academic Advisors located in the Faculty of Education Main Office area.
- Newly admitted students must attend an orientation prior to registering. Orientations are held throughout May, June, and July. Dates of orientations will be provided in the registration materials students receive upon acceptance into the program.
- Registration materials for returning students can be found on-line beginning in mid-March. Specific materials necessary to registration are contained in these kits.
- Returning students are advised to participate in "early advising" which takes place in January, February, and March. Appointments can be made in the Faculty of Education Main Office in early January. It is highly recommended that students receive advising before completing the end of second term.
- Students are assigned a time to register and these appointment times are determined on the basis of credit hours completed and the student's grade point average. All Education students require certain compulsory Education courses throughout their program in order to meet requirements. These courses will fill on a first-come, first-served basis based during the assigned registration appointment times. Therefore, we recommend the following:

1. Register at your appointed time in order to get the best selection of courses and sections.
2. If one section of a required Education course is full, select and register for another section of that course. While you may wish to add your name to a wait list for your preferred section, it is in your best interest to be registered for the required course.

Remember that all Education students require these compulsory courses and withdrawals from the courses or movement from one section to another is unlikely.
- Education students cannot register for school practicum courses during late registration periods (September and January) due to the lead-time necessary to arrange for a school placement.

Course Selection, Advising and Registration Information - Certification
- Certification students will be assigned an appointment time to register during Tier 2 and it is expected that students will register during this time. If a student does not register at their appointed time, the Faculty of Education will not guarantee entry into courses that have filled and the student may require an additional year in order to complete all requirements.
- In some years certain combinations of Senior Years Curriculum, Instruction and Assessment courses may not be available. In cases like this, students will register for 6 credit hours of Senior Years Curriculum, Instruction and Assessment in one area in Year 4 and 6 credit hours of Senior Years Curriculum, Instruction and Assessment in the other area in Year 5.
- Certain requirements must be completed in certain years. For example, students in Year 4 must complete the Aboriginal Education requirement. The Faculty of Education Program reserves the right to remove a student from a course if the student does not require the course for their program that particular year in order to accommodate a student who must have the course.
- The Faculty of Education reserves the right to move students from one section of a course to another section of the same course in order to balance sections and ensure that all students requiring the course are accommodated.
- We reserve the right to change a preferred course to another course which meets the same requirement if necessary to ensure that all students are able to register for the courses that they need in order to graduate.

Withdrawal or Removal from the Faculty of Education
- BEd students who are placed on probation, suspension or not allowed to continue status will be removed from the Faculty of Education and withdrawn from any ongoing Education or practicum courses.
- BEd students who do not register at the onset of a new academic year (September) will be withdrawn from the program. This regulation does not apply to certified teachers or students who have requested in writing and received permission from a Faculty of Education Academic Advisor to be kept on hold for that academic year. Generally students can have their status in the program held for a maximum of 1 year.
- Acceptance into the Faculty of Education is for that academic year only. Admission cannot be deferred. Students declining an offer of admission must reapply if they wish to seek entry at a later date. As admission is dependent on the qualifications of the pool of applicants each year, subsequent admission cannot be guaranteed.
- Students who are admitted to the program but who do not register within the specified time will have their acceptance withdrawn and must reapply.
- Students who register and subsequently withdraw from required education courses will be removed from the program unless they have received permission from a Faculty of Education Academic Advisor to withdraw.
- The BEd degree cannot be granted without completion of a minimum of a 90 credit hour undergraduate degree; however, students in the Integrated program can claim a BA, BPHE or BSc without completing the BEd portion should they wish to withdraw from the program. Such students should be aware that they will need to fulfil the University Indigenous requirement.
With the exception of the courses listed below, all Education courses can be used as credit towards an Arts, Kinesiology or Science degree:
EDUC-2512(1) Learning Theory Practicum
EDUC-2514(1) Learning Theory Practicum (WEC)
EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum
EDUC-3814(2) Teaching/Learning and the K-8 Curriculum Practicum (WEC)
EDUC-4835(1) - EDUC-4842(3) EY C,I & A (all areas)
EDUC-4843(1) - EDUC-4850(3) MY C,I & A (all areas)
EDUC-4852/5 - EDUC-4870(3) SY C, I & A (all areas)
EDUC-4872(2.5) - EDUC-4883(2.5) Practicum Blocks
- Students should also consult section XII for additional information on Removal from the Faculty of Education.

Part-time Attendance
In Years 2-5 of the program, students are required to spend time in the schools student teaching. Students must be able to make arrangements to complete the student teaching portion of the program. For the first few years, it is possible for students to attend on a part-time basis. The certification portion of the program must be taken on a full-time basis. After-Degree students must attend both years of the program on a full-time basis.

Changing Streams
Students in the Integrated Program identify a stream upon registering for Year 1. They may change their selection up until the end of Year 2 which is defined as the completion of 61 credit hours. No changes to streams will be considered in Year 3 of the program or once students have completed 61 credit hours or more.

Changing Teachable Majors or Minors
Students in the Integrated Program identify their teachable majors and minors upon registering for Year 1. They may change their teachable subjects up until the end of Year 2 which is defined as the completion of 61 credit hours. For students in the Senior Years stream, no changes to teachable majors or minors will be considered in Year 3 of the program or once students have completed 61 credit hours or more. For students in the Early, Early/Middle or Middle Years streams, they may change teachable subjects in Year 3 of the Program as long as they can still fulfil the requirements of the major or minor prior to entering Certification Year 4.

Challenge for Credit in the Faculty of Education
The Faculty of Education has a residency requirement which includes all Curriculum, Instruction and Assessment courses as well as practicum, therefore, students cannot request challenge for credit for any of these courses. Also, with the exception of those who have been admitted to the Certified Teacher Program, students may not transfer Curriculum, Instruction and Assessment courses or practicum into their program.

Prior Learning Assessment and Recognition (PLAR) and Faculty of Education Courses

a) Practicum Courses

In order for teaching experience to count for credit in our program it must meet all of the following conditions:

i. be in a setting arranged by our School Placement Office in accordance with their policies and operating guidelines.
ii. be completed under the supervision of a Cooperating Teacher
iii. be taken with the course work and assignments required for that level of practicum
iv. be evaluated by a Faculty Supervisor and meet the expectations required for that level of practicum

Since these conditions cannot be met without being a student in the Faculty of Education, credit cannot be granted for any teaching that took place prior to admission to the Faculty. Therefore, Prior Learning Assessment and Recognition (PLAR) credit is not available for practicum courses.

b) Teaching Methods Courses

The same type of conditions outlined in a) Practicum Courses, apply to seeking credit for teaching methods courses in the Faculty of Education as these courses are taken in conjunction with practicum. Prior Learning Assessment and Recognition (PLAR) credit is not available for methods courses associated with practicum. This includes:

EDUC-1801 or EDUC-1802 Education Today
EDUC-1810 Educational Leadership
EDUC-2511 Learning Theory
EDUC-3810 Teaching/Learning and the K-8 Curriculum
EDUC-4835 to EDUC-4842 Early Years Curriculum, Instruction and Assessment
EDUC-4843 to EDUC-4850 Middle Years Curriculum, Instruction and Assessment
EDUC-4852 to EDUC -4871 Senior Years Curriculum, Instruction and Assessment

c) Other Education Courses

Students wishing to seek credit for courses other than Curriculum, Instruction and Assessment courses and practicum are referred to the Course Calendar, Regulations and Policies, Section 6. Challenge for Credit - Assessing Prior Learning.

FACULTY OF EDUCATION RULES AND REGULATIONS

I. **Performance in courses EDUC-1810(3) (or EDUC-2800(3)), EDUC-2511(3), EDUC-2512(1), EDUC-2513(3) (RRC), EDUC-2514(1) (WEC), EDUC-3810(6) EDUC-3811(2), and EDUC 3814(2)**

a) Students who receive a grade less than "C" in courses EDUC-2511(3) Learning Theory, EDUC-2513(3) Learning Theory (RRC) or EDUC-3810(6) Teaching/Learning K-8 will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course and/or practicum. Generally if a student is required to repeat a course they will be required to repeat the practicum. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education. Only one repeat of the course will be allowed, or
2. be withdrawn from the Faculty of Education.

b) Students who do not pass courses EDUC-1810(3) Service Learning, EDUC-2512(1) Learning Theory Practicum, EDUC-2514(1) Learning Theory Practicum (WEC), or EDUC-3811(2) Teaching/Learning K-8 Practicum or EDUC 3814(2) Teaching /Learning K-8 Practicum (WEC) will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course and/or practicum. Generally if a student is required to repeat a course they will be required to repeat the practicum. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education. Only one repeat of the course will be allowed, or
2. be withdrawn from the Faculty of Education.

c) Students will not be allowed to register for the next compulsory education course and practicum until they have completed the previous compulsory education course and practicum.

d) If a student is placed on probation, suspension or not allowed to continue status at the end of the Fall Term, they will be immediately withdrawn from any ongoing or Winter Term Education or practicum courses.

e) If a student is placed on probation, suspension or not allowed to continue status at the end of the Winter Term, they will be immediately withdrawn from any ongoing Spring or Summer Education or practicum courses.

f) If, during a repeat attempt, the student withdraws from the course and/or practicum, this is considered an unsuccessful attempt and the student will be withdrawn from the Program.

II. **Rules and Regulations Governing Years 4 and/or 5 (Certification) of the Integrated Program**

a) Students must apply to enter the certification portion of the program. Generally this application must be received by mid-January for certification in September of that year. In order to be eligible to enter certification year 4 students must have completed 91 credit hours of the appropriate coursework for their stream with an overall grade point average of 2.0 and an average of 2.0 in their major. In order to be eligible to enter certification year 5 students must have completed all year 4 requirements.

b) Students who have been accepted into certification year 4 or 5 and who are unable to attend can request to have their space in the program held for a maximum of one year. If, after this year, the student is still unable to attend they will be withdrawn from the program and must re-apply. Readmission to the program is subject to review and is not guaranteed.

c) The Curriculum, Instruction and Assessment courses and practicum blocks are linked and must be completed together. For students in the Early Years, Early/Middle Years and Middle Years streams this means that the following courses must be registered for concurrently:
EDUC-4835(1)-EDUC-4842(3) Early Years Curriculum, Instruction and Assessment (all areas) and Practicum Blocks I and II,
EDUC-4843(1)-EDUC-4850(3) Middle Years Curriculum, Instruction and Assessment (all areas) and Practicum Blocks III and IV.
For students in the Senior Years stream the following courses must be registered for concurrently: Senior Years Curriculum, Instruction and Assessment: Major and Senior Years Curriculum, Instruction and Assessment: Minor and Practicum Blocks I and II, and Senior Years Curriculum, Instruction and Assessment: Alternative and Practicum Blocks III and IV.
d) The BEd Office will assign students to particular sections of Curriculum, Instruction and Assessment courses and students may have a restricted choice of elective courses. Students must adhere to the timetable to which they have been assigned.
e) Students are required to attend the "start of school" experience which takes place at the beginning of the school year in each of years 4 and 5. Typically this takes place in late August before university lectures begin and is an integral part of the practicum component of certification. Students who do not attend the start of school experience will be asked to withdraw from certification year.
f) Some components of years 4 and 5 (e.g. practicum blocks) will take place outside of the regularly scheduled university year. Students will be provided with these dates in advance and will be expected to be available for all the components.
g) Certification year students are expected to be available for classes on a full-time basis every day from 8:30 a.m. - 6:30 p.m. All other activities or commitments must be worked around the assigned timetable. Students who cannot make this commitment are advised to defer their certification.
h) Students who receive a grade less than "C" in Curriculum, Instruction and Assessment courses or who fail a block of practicum will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following:

1. That the student be required to repeat the course(s) and/or practicum. Generally if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education. Only one repeat of the course will be allowed.
2. If a student receives a grade of "D" in a Curriculum, Instruction and Assessment course, the Committee <u>may</u> recommend that the student be allowed to continue on to the next year or graduate if all other requirements have been met.
3. That the student be withdrawn from the Faculty of Education.

i) In order to be eligible to enter Year 5, students must have completed all Year 4 requirements. Students who do not complete certification year 4 or certification year 5 in the allotted time will have their status in the Faculty of Education reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course, or
2. be withdrawn from the Faculty of Education.

j) Due to the fact that Curriculum, Instruction and Assessment courses and practicum blocks are linked and must be completed together, students may not withdraw from some C, I & A courses while remaining in others.
k) Students will have one attempt to repeat the Curriculum, Instruction and Assessment portion and/or practicum of either year 4 or year 5 but not both. Students who do not successfully complete certification years 4 and 5 within the allotted time period will have their status reviewed by the Performance Review Committee and may be withdrawn from the program.
l) Certification students who are placed on probation, suspension or not allowed to continue status will be removed from the BEd Program. If the student is placed on probation, suspension or not allowed to continue status at the end of the Fall Term, they will be immediately withdrawn from any ongoing or Winter Term Education or practicum courses.
m) If, during a repeat attempt, the student withdraws from the course and/or practicum this is considered an unsuccessful attempt and the student will be withdrawn from the Program.

III. **<u>Rules and Regulations Governing the After-Degree Program</u>**
a) Students who have been accepted into the After-Degree Program but who do not register or begin classes will be withdrawn from the program. They will not be able to "hold" their spot in the program. Such students may reapply at a future date but as admission is dependent on the qualifications of the pool of applicants each year, subsequent admission is not guaranteed. After-Degree students are admitted to the program on the basis of the stream that they select when they apply. Therefore, they cannot change streams once they have been accepted.
b) The After-Degree Program must be taken on a full-time basis as the Curriculum, Instruction and Assessment courses and practicum blocks are tied and must be completed together. For students in the Early Years, Early/Middle Years and Middle Years streams this means that the following courses must be registered for concurrently: EDUC-4835(1)-EDUC-4842(3) Early Years Curriculum, Instruction and Assessment (all areas) and Practicum Blocks I and II, EDUC-4843(1)-EDUC-4850(3) Middle Years Curriculum, Instruction and Assessment (all areas) and Practicum Block III and IV. For students in the Senior Years stream the following courses must be registered for concurrently: Senior Years Curriculum, Instruction and Assessment: Major and Senior Years Curriculum, Instruction and Assessment: Minor and Practicum Blocks I and II, and Senior Years Curriculum, Instruction and Assessment: Alternative and Practicum Blocks III and IV.
c) The Faculty of Education Office will assign students to particular sections of Curriculum, Instruction and Assessment courses and students may have a restricted choice of elective courses. Students must adhere to the timetable to which they have been assigned.
d) After-Degree students are required to attend the "start of school" experience which takes place at the beginning of the school year in each of years 1 and 2. Typically this takes place in late August before university lectures begin and is an integral part of the practicum component of the program. Students who do not attend the start of school experience will be withdrawn from the Faculty of Education.
e) Some components of years 1 and 2 (e.g. practicum blocks) will take place outside of the regularly scheduled university year. Students will be provided with these dates in advance and will be expected to be available for all the components.
f) Certification year students are expected to be available for classes on a full-time basis every day from 8:30 a.m. - 6:30 p.m. All other activities or commitments must be worked around the assigned timetable. Students who cannot make this commitment are advised to defer their certification.

g) After-Degree students who receive a grade less than C in EDUC-4002(6) Foundations of Teaching and Learning will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following:

1. That the student be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the BEd Program. Only one repeat of the course will be allowed. Due to the sequential nature of the After-Degree Program students who are required to repeat courses must wait for the following September in order to do this, or
2. The Committee may recommend that the student be allowed to continue on to the next year if all other requirements have been met.
3. That the student be withdrawn from the Faculty of Education.

h) Students who receive a grade less than "C" in Curriculum, Instruction and Assessment courses or who fail a block of practicum will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following:

1. That the student be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education. Only one repeat of the course will be allowed.
2. If a student receives a grade of "D" in a Curriculum, Instruction and Assessment course, the Committee may recommend that the student be allowed to continue on to the next year or graduate if all other requirements have been met.
3. That the student be withdrawn from the Faculty of Education.

i) In order to be eligible to enter year 2, students of the After-Degree Program must have completed all year 1 requirements. Students who do not complete years 1 and/or 2 in the allotted time will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. Due to the sequential nature of the After-Degree Program students who are required to repeat courses must wait for the following September in order to do this, or
2. be withdrawn from the Faculty of Education.

j) Due to the fact that Curriculum, Instruction and Assessment courses and practicum blocks are tied and must be completed together, students may not withdraw from some C, I & A courses while remaining in others.

k) Students will have one attempt to repeat the Curriculum, Instruction and Assessment portion and/or practicum of either year 1 or year 2 but not both. Students who do not successfully complete certification years 1 and 2 within the allotted time period will have their status reviewed by the Performance Review Committee and may be withdrawn from the Faculty.

l) If, during a repeat attempt, the student withdraws from the course and/or practicum this is considered an unsuccessful attempt and the student will be withdrawn from the Faculty of Education.

IV. **Rules and Regulations Governing Certification in the Joint UW/RRC Program**

a) Students must apply to enter the certification portion (Year 5) of the program. Generally this application must be received by mid-January for certification in September of that year. In order to be eligible to enter certification year 5 students must have completed 123 credit hours of the appropriate coursework for their program with an overall grade point average of 2.0 and an average of 2.0 in their major. The UW Arts or Science major must be completed before entering Year 5.

b) Students who have been accepted into certification year 5 and who are unable to attend can request to have their space in the program held for a maximum of one year. If, after this year, the student is still unable to attend they will be withdrawn from the program and must be re-apply. Readmission to the program is subject to review and is not guaranteed.

c) The Curriculum, Instruction and Assessment courses and practicum blocks are linked and must be completed together. The following courses must be registered for concurrently: Senior Years Curriculum, Instruction and Assessment: Major and EDUC-4884(3) Practicum Block - Red River College.

d) The Faculty of Education Office will assign students to particular sections of Curriculum, Instruction and Assessment courses and students may have a restricted choice of elective courses. Students must adhere to the timetable to which they have been assigned.

e) Students are required to attend the "start of school" experience which takes place at the beginning of the school year in year 5. Typically this takes place in late August before university lectures begin and is an integral part of the practicum component of certification. Students who do not attend the start of school experience will be asked to withdraw from certification for that year.

f) Practicum blocks will take place outside of the regularly scheduled university year. Students will be provided with these dates in advance and will be expected to be available for all the components.

g) Certification year students are expected to be available for classes on a full-time basis every day from 8:30 a.m - 6:30 p.m. All other activities or commitments must be worked around the assigned timetable. Students who cannot make this commitment are advised to defer their certification.

h) Students who receive a grade less than "C" in Curriculum, Instruction and Assessment courses or who fail a block of practicum will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following:

1. That the student be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education Program. Only one repeat of the course will be allowed, or
2. If a student receives a grade of "D" in a Curriculum, Instruction and Assessment course, the Committee may recommend that the student be allowed to continue on to the next year or graduate if all other requirements have been met.
3. That the student be withdrawn from the Faculty of Education.

i) Students who do not complete certification year 5 in the allotted time will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course, or
2. be withdrawn from the Faculty of Education.

j) Due to the fact that Curriculum, Instruction and Assessment courses and practicum blocks are linked and must be completed together, students must withdraw from certification year 5 if they are not able to complete both the Curriculum, Instruction and Assessment course and the practicum concurrently.
k) Students will have one attempt to repeat the Curriculum, Instruction and Assessment portion and/or practicum of year 5. Students who do not successfully complete certification year 5 within the allotted time period will have their status reviewed by the Performance Review Committee and may be withdrawn from the Faculty of Education.
l) Certification students who are placed on probation, suspension or not allowed to continue status will be removed from the BEd Program. If the student is placed on probation, suspension or not allowed to continue status at the end of the Fall Term, they will be immediately withdrawn from any ongoing or Winter Term Education or practicum courses.
m) If, during a repeat attempt, the student withdraws from the course and/or practicum this is considered an unsuccessful attempt and the student will be withdrawn from the Faculty of Education.

V. **Rules and Regulations Governing Practicum Placements**

A) Integrated Program and After Degree Program

1. All placements will be arranged by the Student Teaching Office. Students are not allowed to arrange their own placement. All student teaching placements will be guided by the following:
   a) students will have at least one placement in a school with inner-city characteristics
   b) students will experience a variety of grade levels and subject areas within their chosen stream as well as at least one placement within another stream
   c) students will be placed in more than one school division
   d) In order to avoid a conflict of interest or a perception of conflict of interest, whenever possible students will not be placed in schools where:
      - they are currently employed;
      - they have been employed in the past;
      - they have volunteered;
      - family members attend or are employed by the school.
2. Adjustments to the practicum dates or to the prescribed format of the practicum will not be considered. Student teaching must be completed in the manner it is scheduled (e.g. one day per week, five week block) and during the dates that are provided.
3. Students who are placed on probation, suspension or not allowed to continue status at the end of the Fall Term, will be immediately withdrawn from any ongoing or Winter Term Education or practicum courses.
4. Eligibility for a student teaching practicum requires that students be eligible for provincial certification. Students who are ineligible for practicum will be withdrawn from the Faculty of Education.
5. Students who, after admission, show an inadequate command of spoken or written English which interferes with their ability to communicate effectively in a classroom will have to complete a proficiency test conducted by a University of Winnipeg designate. Students may be required to take further courses to improve their English which may result in withdrawal from the Faculty of Education. Continuation in the B.Ed. Program will be contingent upon approval from the Language Assessment Evaluators and the Director of Student Teaching.
6. Students seeking a French immersion placement in the certification portion of the program are advised that they will be tested on their French oral and written language proficiency. This testing will be administered by St. Boniface College and will take place in the spring prior to entering certification year 4.

B) Business, Industrial Arts and Aboriginal Language Teacher Education (Integrated and After Degree Programs)

1. Students in the Joint UW/RRC Business, Industrial Arts and Aboriginal Language Teacher Education programs are required to complete one block of student teaching in their Arts or Science major (Integrated Programs) or minor (After Degree programs).
2. All placements will be arranged by the Student Teaching Office. Students are not allowed to arrange their own school placement.
3. Students must be registered in the appropriate Senior Years Curriculum, Instruction and Assessment course when undertaking the practicum block.
4. Students may complete this block in either the Fall or Winter term.
5. Students are advised that if they have outstanding practicum requirements to complete at RRC, they will generally be required to complete the block in the Fall term.
6. Students must attend a "Start of School" experience, which takes place approximately the end of August. Students who do not participate in the Start of School experience will have their registration in the practicum block, as well as the associated Senior Years Curriculum, Instruction and Assessment course(s) cancelled.
7. Students are advised that the dates of their practicum block may fall outside of the regularly scheduled academic year.
8. Students will be required to spend two half days per week in their host school in the same term in which they will be completing their block. Students must ensure that they leave room in their timetable to accommodate this component of the practicum requirement.
9. Eligibility for a student teaching practicum requires that students be eligible for provincial certification. Students who are ineligible for practicum will be withdrawn from the Faculty of Education.

C) Vocational Teacher Education

1. Students in the Joint UW/RRC Vocational Teacher Education program are required to complete one block of practicum in their Arts or Science minor.
2. Placements will be coordinated by the Student Teaching Office.
3. Students will take 6 credit hours of Senior Years Curriculum, Instruction and Assessment.
4. Students who are completing courses on a full time basis will register for Curriculum, Instruction and Assessment courses relevant to their minor, and must register for their practicum block concurrently.

5. Students who hold full-time teaching positions, and who are therefore pursuing their university studies on a part-time basis, may take a General Curriculum, Instruction and Assessment course. These students may complete their practicum block either concurrently, or upon completion of this course.
6. Students are advised that the dates of their practicum block may fall outside of the regularly scheduled academic year.
7. Eligibility for a student teaching practicum requires that students be eligible for provincial certification. Students who are ineligible for practicum will be withdrawn from the Faculty of Education.

D) Withdrawing from Practicum - All Programs

1. Students wishing to withdraw from practicum courses (EDUC-2512(1), EDUC-2514(1), EDUC-3811(2), EDUC-3814(2), EDUC-4872(2.5) - EDUC-4883(2.5)) must first notify the Student Teaching Office.
2. In all cases where it is possible, the Student Teaching Office will recommend an extension to practicum rather than a withdrawal.
3. Students in years 4 and 5 (or After Degree Years 1 and 2) who are in the extended blocks of practicum, must have documented medical reasons or other documented extenuating circumstances (e.g. death in the family) to withdraw from their practicum at any time throughout the course.
4. Students should note that some practicum (i.e. blocks) may only be repeated once.
5. Students who are repeating practicum as a ruling of the Performance Review Committee and who withdraw from the practicum will be considered to have made an unsuccessful attempt and the student will be withdrawn from the Faculty of Education.

VI. **Performance Contracts**

In some cases, students may be required to sign a Performance Contract in order to remain in the Faculty of Education.
a) Failure to sign the contract will result in removal from the Faculty of Education.
b) Failure to comply with the conditions of the contract can result in removal from the Faculty of Education.

VII. **Appeals and the Faculty of Education**

a) **Deferred Exams, Incomplete Term Work, and Grade Appeals**

1. Students are directed to *Section VII Academic Regulations and Policies, 8. Appeals* for information on these appeals and deadlines.

b) **BEd Performance Review Committee (PRC)**

1. The Faculty of Education Performance Review Committee deals with the following items:
- Students in the Integrated BEd Program who receive grades below C in EDUC-2511(3) Learning Theory or EDUC-3810(6) Teaching/Learning and the K-8 Curriculum.
- Students in the Integrated Program who do not pass EDUC-1810(3) Service Learning), EDUC-2512(1) Learning Theory Practicum or EDUC-2514(1) Learning Theory Practicum (WEC) or EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum or EDUC-3814(2) Teaching/Learning and the K-8 Curriculum Practicum (WEC).
- Students in the Joint UW/RRC Program who receive grades below C in EDUC-2513(3) Learning Theory (RRC).
- Students in the After Degree Program who receive grades below C in EDUC-4002(6) Foundations of Teaching and Learning.
- Students who receive grades below C in Curriculum, Instruction and Assessment courses.
- Students who fail a block of practicum.
- Students who do not complete certification year or who do not complete the certification portion of the program within the allotted time.
- Students who wish to enter certification and who have not met the minimum requirements (i.e., completion of 91 c.h. with an overall average of 2.0 and a 2.0 average in the major)
- Readmissions to the program in relation to currency requirements.
- Students who are removed from their school placement at the request of the host school.
- Students for whom a placement cannot be secured due to the conditions of a Performance Contract.
- Any other issues that may arise related to the performance of students in the program.
2. The PRC typically meets in January, May and August of each year.
3. Students will be notified in writing of the decision of the PRC.
4. Students may meet with the Dean of Education for explanation or clarification of the PRC decision.
5. Students wishing to appeal the PRC decision beyond the Education Program should direct an appeal to the Senate Appeals Committee.
6. There are two grounds for appealing the decision of the PRC:
- The student has reason to believe that all pertinent information was not available when the case was considered by the PRC.
- The student has reason to believe and can demonstrate that the PRC did not give the appeal a fair hearing.
7. Students have 15 working days from the date of the written decision of the PRC to submit an appeal to the Senate Appeals Committee.

VIII. **Currency Requirement**

Students who withdraw from the program and seek readmission at a later date are advised that education courses completed more than 5 years prior to readmission will be reviewed for currency. Students may be required to repeat some or all of these courses.

IX. **Standards of Professional Conduct for Pre-Service/In-Service Teachers**

1. The Faculty of Education at the University of Winnipeg is committed to maintaining its students' freedom of thought, belief, opinion and expression. As a professional program we are committed to assisting students in becoming professionals. The Faculty of Education has the responsibility of fostering the academic freedom of students within the context of professional standards of conduct and also has the responsibility of fostering the academic freedom of students with respect for the needs of the learner. The standards describe professional characteristics and behaviours students are expected to develop and demonstrate during practicum and course work. Students who do not demonstrate these professional standards may be referred to the Faculty of Education Performance Review Committee.

a) In keeping with the Canadian Charter of Rights and Freedoms the student will respect the dignity and rights of all persons.
b) The student acts in a responsible manner which includes being punctual, dependable and trustworthy in class and during practicum.
c) The student maintains positive interpersonal relationships with peers, faculty, school personnel and pupils by contributing, cooperating, participating and working with others in a professional manner.

d) The student demonstrates a commitment to teaching by taking initiative, showing enthusiasm, and showing an interest in learning about teaching.
e) The student directs any criticism of the professional activity of others to that person and only then, after informing them of the intent to do so, may direct in confidence the criticism to appropriate officials. It shall not be considered a breach of this clause to report reasonable grounds for suspecting child abuse to proper authorities according to legal requirements.
f) The student respects the confidentiality of information about pupils, peers, school personnel, or faculty received in confidence or in the course of professional duties.

2. Professional Misconduct

As educators, Faculty of Education students are expected to model and encourage appropriate learning behaviours in themselves and their peers. Recognizing that they are part of a class and that their behaviour and attitude has an impact on the class, the goal of all our students should be to create a positive learning environment where they learn from the instructor and each other. Faculty of Education students are expected to recognize the important and crucial role of the instructor in the learning process and to award their instructors the respect and authority which is inherent in the role.

Professional Misconduct can include, but is not restricted to, the following:

a) Persistent failure to attend class
b) Persistent disruptive behaviour in class such as:
   - talking in class during lectures or presentations
   - arriving late for class and/or leaving class early
   - use of cell phone in class
c) Persistent lack of participation in class activities
d) Persistent inability to function in a group setting
   - non-contribution to group activities
   - behaviour causing negative impact on group
e) Persistent negative or disrespectful attitude
f) Persistent disregard for the role and authority of the instructor

Gross misconduct is defined as, but not limited to, intoxication (whether from alcohol or drugs), fighting or other physical abuse, indecent behaviour, theft, serious breaches of health and safety rules, uttering threats, offensive behaviour (such as discrimination, harassment, bullying, abuse and violence) and gross insubordination.

Grievance procedures may be lodged against a student under the Standards of Professional Conduct for Pre-Service Teachers. These procedures are outlined in the "Faculty of Education Grievance Resolution Procedures" document.

X. **Attendance Policy**

The Bachelor of Education Program leads to a professional degree. Accordingly, students are expected to attend, be punctual and participate in all classes. These expectations acknowledge their importance for the teaching and learning process and the professional responsibilities of teachers. These expectations are implicit in Education courses, but may be emphasized explicitly in addition to the University of Winnipeg's academic regulations concerning attendance (see section Regulations & Policies, 3a Attendance).

Students are encouraged to volunteer and participate in extra-curricular activities in their host schools. However, students must ensure that no conflict occurs between the school activity and their attendance in class. Student Teachers are not to miss University classes for school activities.

XI. **Professional Development**

The Faculty of Education prides itself on preparing well-rounded professional teachers who are committed to life-long learning and professional development. In keeping with this goal the faculty offers a professional development program each year for all students designed to supplement their regular coursework. This non-credit program is voluntary but students are strongly encouraged to participate in order to enhance their understanding of the classroom context and to develop additional skills beyond those acquired through academic and practicum courses. Participation in the program is considered a professional responsibility and in keeping with the expectations that will be held for them in heir role as a classroom teacher.

The Professional Development Program consists of a series of seminars offered throughout the fall and winter terms. They are typically offered no more than once a week for an hour during the free slot and the topics are posted in advance. The series concludes each term well before the start of the exam period. Students receive a participation certificate for attendance at each seminar. Many students opt to include these certificates in their teaching portfolios as an indication of their commitment to professional development and the practice of life-long learning.

The topics covered in the professional development sessions are varied. They are designed to provide information and ideas that are supplementary to students' coursework but which relate to the role of the classroom teacher. Many of the sessions are delivered by representatives of organizations whose activities are related to and supportive of the educational process in schools. Others are delivered by university faculty. The topics vary each year but a representative sample of the topics includes the following:

Working with Behaviorally and/or Emotionally At-Risk Children and Youth.
Violence and Abuse Prevention
Developing Resiliency in Youth Through Mentoring
Teaching in an International Setting
Summer Projects for Inner City Children and Youth
Overcoming Math Anxiety in Pre-Service Teachers

XII. **Removal from Faculty of Education**

a) Students may be removed from the University of Winnipeg, Faculty of Education programs for one or more of the following reasons:
   1. Failure to meet or maintain academic grade-point requirements as established by the University of Winnipeg and the Faculty of Education. In the case of academic Probation or Not Allowed to Continue Status, withdrawal is automatic and will take place without a review or further procedure.

2. As a result of a ruling by the Performance Review Committee (see Faculty of Education Program Rules and Regulations in the General Calendar for more information).
3. As a result of behaviour judged to be in violation of the Manitoba Teachers Society Code of Professional Practice or the Standards of Professional Conduct for Pre-Service Teachers or for Professional Misconduct (see Section IX of Faculty of Education Rules and Regulations in the General Calendar for more information).
4. Failure to sign a Performance Contract.
5. Non-compliance with the conditions of a Performance Contract.
6. Ineligibility for a practicum placement.
7. As the result of a change in the status of a Criminal Record or Child Abuse Registry entry.
   - Students who appear on the Child Abuse Registry will be immediately withdrawn from the Faculty and any ongoing Education courses.
   - Students reporting a change in the status of their criminal record will have their case evaluated by the Legal Records Check Committee. They will be informed of the Committee's decision in writing. Students who are not allowed to continue in the Faculty of Education will be immediately withdrawn from the Faculty and any ongoing Education courses.
8. As a result of academic or non-academic misconduct.

b) In the case of gross misconduct, students will be removed from practicum and immediately suspended from their courses in Education until the case is reviewed by the Dean and a final decision is made.

c) Removal from the Faculty of Education means the student will be withdrawn from all Education courses, removed from practicum, and removed from any Faculty of Education sponsored or affiliated activities (i.e. mentoring sites, WESTCAST, international teaching opportunities, Contact to Contract, etc.)

d) Applicants who have been removed from the Faculty of Education as a result of being on Probationary or Not Allowed to Continue Status must meet "regular" status in order to be eligible to reapply.
- If the student has subsequently completed a degree they are eligible to apply to the After Degree Program and should follow the application processes for that category.
- If the student has achieved regular status and is eligible to apply as a Transfer applicant they should follow the application processes for that category.
- If, in the case of Access Programs, the student achieves regular status and wishes to re-enter the WEC or CATEP Program they should write a letter to the Director of Access Programs including:
  - their reason(s) for reapplying
  - the reason(s) they think a subsequent attempt will be successful
  - the measures they have taken to increase their chances of success in the Faculty
- The applicant may be required to provide medical or other documentation.
- An interview may be required.
- Reapplication does not guarantee readmission.

e) Students who have been removed from the Faculty of Education as a result of a ruling of the PRC and wish to reapply should be aware of the following:
- Due to the limited number of spaces applicants who have been admitted in the past receive low priority for readmission.
- Students cannot reapply to the Program for a period of 3 subsequent academic years. (For example, if the student was removed in June of 2018 they cannot reapply until the 2021/22 year.)
- Readmission only takes place for classes starting in September and students must apply by March 31 of the year they wish to start classes in the Fall.
- The student must write a letter to the Dean of the Faculty of Education including:
  - their reason(s) for reapplying
  - the reason(s) they think a subsequent attempt will be successful
  - the measures they have taken to increase their chances of success in the Faculty
- The applicant may be required to provide medical or other documentation.
- An interview may be required.
- Reapplication does not guarantee readmission.
- If the applicant is granted readmission they will then complete an official application to the Faculty of Education through the Admissions Office.

COURSE LISTINGS

EDUC-1801(3)	Education Today: An Introduction to Teaching
EDUC-1802(3)	Education Today: An Introduction to Teaching (WEC)
EDUC-1810(3)	Educational Leadership within a Service-Learning Framework (previously EDUC-2800(3))
EDUC/CRS-2232(3)	Introduction to Conflict Resolution in Educational Settings
EDUC/CRS-2242(3)	Methods of Conflict Resolution in Educational Settings
EDUC-2410(3)	The School System: Structure and Dynamics (Previously EDUC-4404 (3))
EDUC-2511(3)	Learning Theory
EDUC-2512(1)	Learning Theory Practicum
EDUC-2513(3)	Learning Theory (RRC)
EDUC-2514(1)	Learning Theory Practicum (WEC)
EDUC-3400(3)	Educational Settings and the Sociology of Learning
EDUC-3510 (3)	Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
EDUC-3810(6)	Teaching/Learning and the K-8 Curriculum

EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum
EDUC-3814(2) Teaching/Learning and the K-8 Curriculum Practicum (WEC)
EDUC-4000(3) Special Topics in Education
EDUC-4001(3) Independent Study
EDUC-4002(6) Foundations of Teaching and Learning
EDUC-4102(3) Introduction to Teaching English as an Additional language
EDUC-4400(3) Critical Pedagogy and Student Diversity
EDUC-4401(3) Just and Effective Schools
EDUC-4403(3) Education for Multicultural Settings
EDUC-4405(3) Inner-City Teaching Practices
EDUC-4407(3) Enrichment and Talent Development
EDUC-4408(3) Issues with At-Risk Children and Youth
EDUC-4409(3) Mentoring At-Risk Youth
EDUC-4410(3) Introduction to Aboriginal Education
EDUC-4412(3) Teaching and Supporting Youth from Immigrant and Refugee Backgrounds
EDUC-4600(3) Critical Literacy for Empowerment
EDUC-4601(3) Computer Assisted Multi-Media Learning
EDUC-4602(3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching
EDUC-4700(3) The Adult Learner: An Introduction to Adult Education
EDUC-4701(3) Classroom Management
EDUC-4820(3) Early Years Education
EDUC-4821(3) Middle Years Education
EDUC-4835(1) Early Years Curriculum, Instruction and Assessment: Art
EDUC-4836(1) Early Years Curriculum, Instruction and Assessment: Drama
EDUC-4837(1) Early Years Curriculum, Instruction and Assessment: Physical Education/Health Education
EDUC-4838(3) Early Years Curriculum, Instruction and Assessment: Reading and the English Language Arts
EDUC-4839(3) Early Years Curriculum, Instruction and Assessment: Mathematics
EDUC-4840(1) Early Years Curriculum, Instruction and Assessment: Music
EDUC-4841(3) Early Years Curriculum, Instruction and Assessment: Science
EDUC-4842(3) Early Years Curriculum, Instruction and Assessment: Social Studies
EDUC-4843(1) Middle Years Curriculum, Instruction and Assessment: Art
EDUC-4844(1) Middle Years Curriculum, Instruction and Assessment: Drama
EDUC-4845(1) Middle Years Curriculum, Instruction and Assessment: Physical Education/Health Education
EDUC-4846(3) Middle Years Curriculum, Instruction and Assessment: Reading and the English Language Arts
EDUC-4847(3) Middle Years Curriculum, Instruction and Assessment: Mathematics
EDUC-4848(1) Middle Years Curriculum, Instruction and Assessment: Music
EDUC-4849(3) Middle Years Curriculum, Instruction and Assessment: Science
EDUC-4850(3) Middle Years Curriculum, Instruction and Assessment: Social Studies
EDUC-4852/5 Senior Years Curriculum, Instruction and Assessment: Alternative
EDUC-4853(3) Senior Years Curriculum, Instruction and Assessment: Biology
EDUC-4854(3) Senior Years Curriculum, Instruction and Assessment: Chemistry
EDUC-4855(6) Senior Years Curriculum, Instruction and Assessment: English
EDUC-4856(6) Senior Years Curriculum, Instruction and Assessment: French
EDUC-4857(3) Senior Years Curriculum, Instruction and Assessment: Geography
EDUC-4859(3) Senior Years Curriculum, Instruction and Assessment: Health
EDUC-4860(6) Senior Years Curriculum, Instruction and Assessment: History
EDUC-4861(6) Senior Years Curriculum, Instruction and Assessment: Mathematics
EDUC-4863(3) Senior Years Curriculum, Instruction and Assessment: Kinesiology
EDUC-4864(3) Senior Years Curriculum, Instruction and Assessment: Physics
EDUC-4865(3) Senior Years Curriculum, Instruction and Assessment: Theatre & Drama
EDUC-4866(3) Senior Years (9-12) Curriculum, Instruction and Assessment: History and Philosophy of Science and Science Teaching
EDUC-4867(3) Senior Years Curriculum, Instruction and Assessment: Performance Production
EDUC-4868(3) Curriculum, Instruction and Assessment: Principles of Learning French as a Second Language
EDUC-4869(3) Senior Years (9-12) Curriculum, Instruction and Assessment: Theory of Science Teaching
EDUC-4870(3) Senior Years (9-12) Curriculum, Instruction and Assessment: Literacy Across the Curriculum
EDUC-4871(6) Senior Years Curriculum Instruction and Assessment: Curriculum Design
EDUC-4872(2.5) Practicum Block I - Early Years
EDUC-4873(2.5) Practicum Block I - Middle Years
EDUC-4874(2.5) Practicum Block I - Senior Years
EDUC-4875(2.5) Practicum Block II - Early Years
EDUC-4876(2.5) Practicum Block II - Middle Years
EDUC-4877(2.5) Practicum Block II - Senior Years
EDUC-4878(2.5) Practicum Block III - Early Years
EDUC-4879(2.5) Practicum Block III - Middle Years
EDUC-4880(2.5) Practicum Block III - Senior Years
EDUC-4881(2.5) Practicum Block IV - Early Years
EDUC-4882(2.5) Practicum Block IV - Middle Years
EDUC-4883(2.5) Practicum Block IV - Senior Years
EDUC-4884(3) Practicum Block - Red River College
EDUC-4887(2.5) Supplemental Practicum
EDUC-4890(3) Senior Years Curriculum, Instruction And Assessment: General Methods
EDUC-4891(3) Practicum Block - Vocational Education
EDUC-5001(3) Special Topics in Education
EDUC-5401(3) Creative Problem Solving
EDUC-5402(3) Expanding Gifted Education
EDUC-5403(3) Meeting the Needs of FAS/FAE Students
EDUC-5404(3) Reaching the ADHD Child
EDUC-5405(3) Reclaiming Troubled Children and Youth
EDUC-5406(3) Steps to Achieving Real-life Skills
EDUC-5407(3) Teaching At-Risk Readers
EDUC-5408(3) Teaching At-Risk Students in the Inner-City School
EDUC-5410(3) Understanding and Responding to Learning Disabilities

EDUC-5411(3) Youth Violence in Schools
EDUC-5412(3) Gifted Education in the Inner-City
EDUC-5420(3) Introducation to School Guidance and Counselling
EDUC-5421(3) Theories and Issues in School Counselling
EDUC-5422(3) Early and Middle Years School Counselling
EDUC-5423(3) Senior Years School Counselling
EDUC-5424(3) Group Guidance and Counselling in School Settings
EDUC-5425(3) Counselling Ethics for Canadian School Settings
EDUC-5426(3) School Counselling Practicum Skills
EDUC-5427(3) Supervised School Counselling Practicum
EDUC-5428(3) Teaching Newcomers in Canada
EDUC-5429(3) Peace and Development
EDUC-5430(3) Sex and Health Education
EDUC-5431(3) Mental Health Promotion in Schools
EDUC-5432(3) Crisis and Trauma
EDUC-5440(3) Intro to Inclusive Ed I
EDUC-5441(3) Intro to Inclusive Ed II
EDUC-5442(3) Working with Exceptional Children I
EDUC-5443(3) Working with Exceptional Children II
EDUC-5444(3) Engaging Reluctant Learners
EDUC-5446(3) Poverty and Potential
EDUC-5447(3) Sex, Gender, and Diversity
EDUC-5448(3) Programming for Aboriginal Students
EDUC-5449(3) Bullying and Violence
EDUC-5450(3) Risk and Resilience
EDUC-5451(3) Teachers and the Law
EDUC-5452(3) Leadership in Inclusive Education

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

EDUCATION (EDUC)

Subject Areas and How They Can Be Used in the BEd Program

Area	Stream(s) Applicable to	Arts, Kinesiology or Science Major	Teachable Major	Teachable Minor	Comments
Aboriginal Language	All	No	Yes	No	UW/RRC Program only
Aboriginal Self Governance	All	Yes	No	No	See Note at end of table
Anthropology	All	Yes	No	Yes	
Applied Computer Science	All	Yes	No	No	
Art	EY E/MY MY	Yes (See Comment)	Yes	Yes	Available to After Degree students only who have completed degree elsewhere with art as a major
Bioanthropology	All	Yes	No	No	See Note at end of table
Biochemistry	All	Yes	No	No	See Note at end of table
Biology	All	Yes	Yes	Yes	
Biopsychology	All	Yes	No	No	See Note at end of table
Business and Administration	All	Yes	No	No	See Note at end of table

Area	Stream(s) Applicable to	Arts, Kinesiology or Science Major	Teachable Major	Teachable Minor	Comments
Business Education	SY only	No	Yes	No	UW/RRC Program only
Chemistry	All	Yes	Yes	Yes	
Classics	All	Yes	No	Yes	
Communications	All	Yes	Yes (English)	Yes (English)	
Conflict Resolution Studies	All	Yes	No	No	See Note at end of table
Criminal Justice	All	Yes	No	No	See Note at end of table
Dance	EY E/MY MY	Yes	No	Yes	
Developmental Studies	EY E/MY MY	Yes	No	Yes	
Economics	All	Yes	No	Yes	
English	All	Yes	Yes	Yes	
Environmental Studies/Urban and Inner-City Studies	All	Yes	No	No	See Note at end of table
French	All	Yes	Yes	Yes	
Geography	All	Yes	Yes	Yes	
German	EY E/MY MY	Yes	Yes	Yes	
History	All	Yes	Yes	Yes	
Human Ecology	EY E/MY MY	Yes (See Comment)	Yes	No	Available to After Degree students only who have completed degree elsewhere with Human Ecology as a major
Indigenous Studies	All	Yes	Yes	Yes	
Industrial Arts Education	SY	No	Yes	No	UW/RRC Program only
International Development Studies	All	Yes	No	No	See Note at end of table
Kinesiology and Applied Health	All	Yes	Yes	Yes	
Law	All	Yes (See Comment)	No	Yes	Available to After Degree students only who have completed degree elsewhere with Law as a major
Mathematics	All	Yes	Yes	Yes	

Area	Stream(s) Applicable to	Arts, Kinesiology or Science Major	Teachable Major	Teachable Minor	Comments
Music	EY E/MY MY	No	Yes	Yes	Available to After Degree students only who have completed degree elsewhere with music as a major
Philosophy	All	Yes	No	Yes	
Physics	All	Yes	Yes	Yes	
Politics	All	Yes	No	Yes	
Psychology	All	Yes	No	Yes	
Religious Studies	All	Yes	No	Yes	
Rhetoric, Writing, and Communications	All	Yes	No	No	See Note at end of table
Sociology	All	Yes	No	Yes	
Spanish	EY E/MY MY	Yes (See Comment)	Yes	Yes	Available to students in the Early Years, Early/Middle Years or Middle Years Streams only. Not available to students in the Senior Years stream.
Statistics	All	Yes	No	No	
Theatre and Film	All	Yes	Yes	Yes	
Vocational Education	SY	No	Yes	No	UW/RRC Program only
Women's and Gender Studies	All	Yes	No	No	See Note at end of table

Note: Interdisciplinary majors generally consist of courses from a variety of departments, some of which may be recognized teachable subjects. Students with interdisciplinary majors may select individual teachable courses within that major, which could also be applied toward a teachable major and/or minor.

ENGLISH (ENGL)

Updated January 31, 2018

Chair: Associate Professor B.Christopher, Professors Emeriti: M. Evans, P. Nodelman, E.E. Reimer, D. Schnitzer, M.G. Wanamaker; Professors: N. Besner, C. Hunter, Z. Izydorczyk, K. Malcolm, M. Reimer; Associate Professors: A. Burke, B. Christopher, P. DePasquale, P. Melville, H. Milne; K. Ready, C. Rifkind, H. Snell, M. Sweatman, C. Tosenberger, A. Turner, K. Venema, D. Wolf, J. Wills; Assistant Professors: B. Cornellier

DEGREES/PROGRAMS OFFERED

3-Year BA in English
4-Year BA in English
4-Year BA in English: Creative Writing
4-Year BA in English: Young People's Texts and Cultures
4-Year BA in English: Screen and Cultural Studies
Honours BA in English
Minor in English
MA in Cultural Studies: Texts and Cultures (Please see the *Graduate Studies Academic Calendar*.)

INTRODUCTION

English courses are designed to develop students' confidence and ability to read and write effectively. The courses introduce students to various aesthetic, cultural, and historical factors, which influence what they read and write. Faculty members present their discipline in a manner consistent with academic freedom and an awareness of students' experiences.

Through a 3-Year BA, 4-Year BA, or Honours BA, students may choose courses covering a variety of texts from several perspectives, including the literature of different periods and genres, and the function and history of language. Some English courses are prescribed or recognized as pre-professional or professional courses, and all courses are useful to professional careers. The study of English also helps students develop competence in using language. Students with English degrees often go into such fields as journalism, business, public service, editing and publishing, law, medicine, and theology, or enter graduate school in literary or related studies to prepare for an academic career in teaching and scholarship.

The Department of English also participates in the Minor in Interdepartmental Comparative Literature. For eligible courses, please see Comparative Literature in this Calendar.

REQUIREMENTS FOR A 3-YEAR BA IN ENGLISH

ADMISSION REQUIREMENT	Students must consult with a member of the Department in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in courses that fulfill the Indigenous Course Requirement
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects
MAJOR REQUIREMENT	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours in the Major subject
Double Major:	30 credit hours in English and specified number of credit hours in the other department/program
Required Courses:	Year 1: 6 credit hours of First-Year (1000-level) Courses, including ENGL-1000(3) **OR** ENGL-1001(6) Years 2 and 3: 24 credit hours from 2000-, 3000- or 4000-level offerings Maximum 6 credit hours from Theatre and Film Group Maximum 6 credit hours from Rhetoric, Writing and Communications Group
Combined Major:	Minimum 48 credit hours from two (2) different Majors with not less than 18 credit hours from each major subject
Prescribed Courses:	**ENGL-1001(6)** English 1, **OR ENGL-1000(3)** English 1A

REQUIREMENTS FOR A 4-YEAR BA IN ENGLISH

ADMISSION REQUIREMENT	Students must consult with the department advisor in planning their studies. Minimum 30 credit hours completed
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in courses that fulfill the Indigenous Course Requirement
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects
MAJOR REQUIREMENT	
Single Major:	Minimum 48 credit hours/Maximum 66 credit hours in the Major subject
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program
Required courses:	Year 1: 6 credit hours of First-Year (1000-level) Courses, including either ENGL-1000(3) **OR** ENGL-1001(6) Years 2, 3 and 4: See the streams listed below. Students may use a maximum 9 credit hours from Theatre and Film Group. Students may use a maximum 6 credit hours from Rhetoric, Writing, and Communications Group.
Combined Major:	Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject

AREAS OF SPECIALIZATION IN THE 4-YEAR BA IN ENGLISH

Students pursuing a four-year degree may choose to take a general English degree (described above) or they may concentrate their studies on one of three specific areas of specialization. 1. Creative Writing, 2. Young People's Texts and Cultures, or 3. Screen and Cultural Studies.

1. Creative Writing: All students are welcome to take courses in this area, whether they choose the specialization or not. Students who complete the following course of study for the 4-Year BA will have their specialization in Creative Writing noted on their transcript.

Description
The Creative Writing specialization develops skills in reading and analyzing literature, with the goal of creating and producing original works of literary art. While maintaining an interest in literary history, form, genre, and the place of literature among the other arts, Creative Writing introduces students to methods and theories of writing in a variety of genres, including fiction, poetry, and (with courses available from the Theatre and Film department) plays and screenwriting.

Required Courses
Students are required to fulfill all current requirements for a 4-Year BA in English, listed above.
In addition, students pursuing a specialization in Creative Writing must complete the following:

Core Course:
- ENGL-3101(6) Creative Writing Comprehensive
  Note: the prerequisite for this course is ENGL-2102(3) and the co-requisite is ENGL-2002(3), both listed below

12 credit hours of study in additional Creative Writing courses chosen from the following list, including at least two different genres:
- ENGL-2102(3) Introduction to Creative Writing: Developing a Portfolio
- ENGL-2002(3) The Creative Process
- ENGL-3102(1) Creative Writing Field Research (may be taken up to 3 times, if topic varies)
- ENGL-3112(6) Advanced Creative Writing
- ENGL-3113(3) Writing Short Fiction
- ENGL-3114(3) Writing Poems
- ENGL-3115(3) Writing for Children
- ENGL-3116(3) Topics in Creative Writing (see English website for current description)
- THFM-2610(3) Script and Screen
- THFM-2611(3) Introduction to Screenwriting*

THFM-2612(3) Script and the Small Screen
THFM-2701(6) Playwriting I*
THFM-3611(6) Advanced Screenwriting*
THFM-3701(6) Playwriting II: General*

*Note that a maximum of 9 credit hours in Theatre and Film can count toward the minimum 48 credit hours in the Major subject. Also note that Theatre and Film courses have their own prerequisites and regulations.

A minimum 6 credit hours of study in Canadian and/or Indigenous literatures and cultures. See the English Department website or consult an English department advisor for a list of eligible courses in any given year.

A minimum of 18 additional credit hours of study in English courses other than Creative Writing. To write well, you must be well-read.

Students must consult with an English Department advisor for Creative Writing in planning their program of study and completing the required forms at each registration.

2. Young People's Texts and Cultures: All students are welcome to take courses in this area, whether they choose the specialization or not. Students who complete the following course of study for the 4-Year BA will have their specialization in Young People's Texts and Cultures noted on their transcript.

Description
The Young People's Texts and Cultures specialization allows students to focus on texts by, for, and about young people. While maintaining an interest in literary history, form, genre, and the place of literature among the other arts, Young People's Texts and Cultures also introduces students to the study of other texts such as toys, games, picture books, graphic narratives, digital media, films and performances.

Required Courses
Students are required to fulfill all current requirements for a 4-Year BA in English, listed above.
In addition, students pursuing a specialization in Young People's Texts and Cultures must complete the following:

Core Course
ENGL-2003(6) The Field of Children's Literature **OR** ENGL-2004(6) A History of Children's Literature

12 credit hours of study in additional courses in Young People's Texts and Cultures, chosen from the following list:
ENGL-2113(6) Picture Books for Children
ENGL-2114(6) Fairy Tales and Culture
ENGL-3115(3) Writing for Children
ENGL-3117(3) Poetry for Young People
ENGL-3118(3) Topics in Fiction for Young People
ENGL-3119(3) Canadian Children's Literature and Culture
ENGL-3160(3) Topics in Young People's Cultural and Literary Texts
ENGL-3169(3) Films for Young People

Capstone course (normally taken in the final year of the program)
ENGL-3120(6) Practicum in Literature, Literacy and Language (related to young people's texts and cultures) **OR**
ENGL-4160(3/6) Young People's Texts and Cultures

A minimum of 18 additional credit hours of study in English courses other than courses in Young People's Texts and Cultures.

Students must consult with an English Department advisor for Young People's Texts and Cultures in planning their program of study and completing the required forms at each registration.

3. Screen and Cultural Studies: All students are welcome to take courses in this area, whether they choose the specialization or not. Students who complete the following course of study for the 4-Year BA will have their specialization in Screen and Cultural Studies noted on their transcript.

Description
The Screen and Cultural Studies specialization focuses not only on literary texts, but also on cinematic, media, and cultural texts. Courses in this area reflect an interest in literary and cultural history; literary and cinematic forms, movements, and genres; cultural and critical theory; audience and reception studies; and the intersections between literature, film and other forms of cultural production.

Required Courses
Students are required to fulfill all current requirements for a 4-Year BA in English, listed above.
In addition, students pursuing a specialization in Screen and Cultural Studies must complete the following:

Core Course
ENGL-2146 (6) Screen Studies **OR** ENGL-2145(6) Field of Cultural Studies

12 credit hours of study in additional courses in Screen and Cultural Studies, chosen from the following list:

ENGL-2145(6) Field of Cultural Studies (if not already counted as the core course)
ENGL-2146(6) Screen Studies (if not already counted as the core course)
ENGL-2180(6) Popular Literature and Film
ENGL-3169(3) Films for Young People
ENGL-3190(6) Literature and Film
ENGL-3725(3/6) Topics in Cultural Studies
ENGL-4741(3/6) Screen Studies
ENGL-4742(3/6) Cultural Studies

A minimum of 18 additional credit hours in English courses other than courses in Screen and Cultural Studies.

Additional recommended courses:
ENGL-3151(6) Critical Theory: An Introduction **OR** ENGL-4110(6) Critical Theory
THFM-2610(3) Script and Screen*
THFM-2612(3) Script and the Small Screen*
*Note that a maximum of 9 credit hours in Theatre and Film can count toward the minimum 48 credit hours in the Major subject. Also note that Theatre and Film courses have their own prerequisites and regulations.

Students must consult with an English Department advisor for Screen and Cultural Studies in planning their program of study and completing the required forms at each registration.

REQUIREMENTS FOR AN HONOURS BA IN ENGLISH

Honours courses are designed to allow for more intensive student participation in the study of a wide range of subjects, including critical theory, women's writing, national literatures, historical periods, and individual authors and topics. While students have some flexibility in choosing their paths through the Honours program, the requirements ensure that all students graduate with an overall sense of the field of literary and textual studies. Regular attendance and active participation in seminars are required of all students registered in Honours courses. **NOTE:** While **ENGL-2142(6)** Field of Literary and Textual Studies is a required course for students pursuing an Honours BA in English, students may enroll in 4000-level courses if they have completed OR are concurrently registered in any of the following courses: **ENGL-2003(6)** Field of Children's Literature; **ENGL-2142(6)** Field of Literary and Textual Studies; **ENGL-2145 (6)** Field of Cultural Studies; or **ENGL-2146** Screen Studies..

Prior to registration on WebAdvisor/Student Planning each Spring, students must meet with an English Department faculty advisor to discuss their program and submit an Honours Declaration form. The advising schedule is posted in the English Department and on the departmental website.

Note: Unless these courses also have an English number, they do not count as part of the minimum 54 credit hours required of Honours students.

ADMISSION REQUIREMENT
Minimum 30 credit hours completed
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses. The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses. The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e. Fs are not included, and in the case of repeated courses, only the highest grade will be used).
Students must consult with an English Department advisor or the Honours Chair in planning their studies.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours**,** including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours are at 4000 level

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in courses that fulfill the Indigenous Course Requirement
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject Minimum 24 credit hours in 4000-level Honours courses
Double Honours:	Minimum 36 credit hours in each Honours subject

	Minimum 18 credit hours in 4000-level Honours courses in the English component of the Double Honours. For the requirements of the other Honours subject, consult the department involved.
Required Courses:	ENGL-1001(6) English 1 **OR** ENGL-1000(3) English 1A. Minimum 3.0 GPA required for admission to Honours Program. ENGL-2142(6) Field of Literary and Textual Studies

Distribution Requirements: Single and Double Honours

In addition to the regular degree requirements, Single Honours students are required to include courses in different areas to ensure that a full spectrum of study has been achieved: **Critical Theory**; **Historical Area Courses; Global Literatures; Culture and Identity; Texts, Forms, and Practices**. While it is not a degree requirement, study at the university level of languages other than English is highly recommended, especially for those who are considering post-graduate study in English, Cultural Studies, or related fields. Double Honours students must consult with the English Department Honours Chair or designate in planning their program to ensure that it reasonably approximates the Single Honours Distribution Requirements. Students who find it impossible to complete their distribution requirements in a given year should discuss their program with the Honours Chair or designate.

Students must complete either ENGL-3151(6) Critical Theory: An Introduction **OR** ENGL-4110(6) Critical Theory, in addition to a minimum of 3 credit hours in each of these five areas of study:

1. English Literature to 1789
- ENGL-4823(3) Old English Language
- ENGL-4841(3) Old English Literature
- ENGL-4242 (3/6) Medieval Literature and Culture
- ENGL-4251(3/6) Early Modern Literature and Culture
- ENGL-4270(3/6) Eighteenth-Century Literature and Culture

2. English Literature 1789-1945
- ENGL-4211(3/6) Romanticism
- ENGL-4281(3/6) Victorian Literature and Culture
- ENGL-4285(3/6) Modernist Literature and Culture

3. Global Literatures
- ENGL-4720(3/6) American Literature and Culture
- ENGL-4710(3/6) Canadian Literature and Culture
- ENGL-4717(3/6) Indigenous Literatures and Cultures
- ENGL-4730(3/6) Postcolonial Literatures and Cultures

4. Culture and Identity
- ENGL-4160(3/6) Young People's Texts and Cultures
- ENGL-4901(3/6) Gender, Literature, and Culture
- ENGL-4903(3/6) Critical Race Studies

5. Texts, Forms, and Practices
- ENGL-4294(3/6) Contemporary Literature and Culture
- ENGL-4403(3/6) Author, Genre, or Form
- ENGL-4741(3/6) Screen Studies
- ENGL-4742(3/6) Cultural Studies

REQUIREMENTS FOR A MINOR IN ENGLISH

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement:	All 18 credit hours in the Minor subject
Required courses:	Minimum 6 credit hours of first-year English, including either 1001(6) or 1000(3)
Restrictions:	RHET or THFM courses currently allowed to count toward the Major may not count toward the Minor

GENERAL INFORMATION

In descriptions of English Department courses, these terms are used:
REQUISITES: Requisites are requirements that must be met in order to take a course and receive credit for it. They may include pre-requisites (courses that should be completed beforehand) and/or co-requisites (courses to be taken concurrently, including labs).
CROSS-LISTED: A cross-listed course is available as part of a major in more than one department or program. Cross-listed courses may also include courses that are offered at two levels within one department.
See the "Glossary" of the Academic Calendar for more detailed definitions of these terms.

Prerequisites

Students must have taken 6 credit hours at the 1000-level in English, including ENGL-1000(3) **OR** ENGL-1001(6), before enrolling in MOST 2000-, 3000-, and 4000-level courses in the Department of English. There are two ways to fulfill this requirement:

- **ENGL-1001(6)** English 1, **OR**
- a combination of **ENGL-1000(3)** English 1A **and 3 other credit hours of English at the 1000-level**.

For the following **Linguistics** courses, 6 credit hours at the1000-level, including ENGL-1000(3) **OR** ENGL-1001(6) **or** Departmental permission is required:

ENGL-2802(3) Syntax
ENGL-2804(3) Language and Culture
ENGL-2806(3) Semantics: Philosophical Foundations
ENGL-3800(6) Stylistics
ENGL-3812(3/6) History of the English Language

For the following **Creative Writing** courses, 6 credit hours at the 1000-level, including either ENGL-1000(3) **OR** ENGL-1001(6) **and** the Instructor's permission must be obtained:

ENGL-3101(6) Creative Writing Comprehensive
ENGL-3102(1) Creative Writing Field Research
ENGL-3112(6) Advanced Creative Writing
ENGL-3113(3) Writing Short Fiction
ENGL-3114(3) Writing Poems
ENGL-3116(3) Topics in Creative Writing

For **ENGL-2142(6)** Field of Literary and Textual Studies, permission of the Honours Chair or designate is required.

The following courses have additional prerequisites:

ENGL-3101(6) Creative Writing Comprehensive
ENGL-3112(6) Advanced Creative Writing
ENGL-3115(3) Writing for Children
ENGL-3118(3) Topics in Fiction for Young People
ENGL-3160(3) Topics in Young People's Cultural and Literary Texts

2000- and 3000-Level Courses

Students with the first-year prerequisite can take ANY COURSES WITH 2000- AND 3000- NUMBERS in the order most suitable to their programs. 3000-level courses DO NOT require 2000-level courses as prerequisites. (Courses with additional prerequisites are listed above).

4000-Level Courses

Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses). Permission of the department is required for each 4000-level course.

THEATRE AND FILM GROUP

A maximum of 6 credit hours of the following courses taught by the Department of Theatre and Film may be counted towards a **3-year BA** in **English**.
A maximum of 9 credit hours of the following courses taught by the Department of Theatre and Film may be counted towards a **4-year/Honours BA** in **English**.

THFM-2401/HIST-2190(3) Theatre History I
THFM-2402(3) Theatre History II
THFM-2404(3) Aboriginal Identities in Theatre and Film
THFM-2410/HIST-2191(6) History of Film
THFM-2610(3) Script and Screen
THFM-2611(3) Introduction to Screenwriting
THFM-2612(3) Script and the Small Screen: The Television Drama Series
THFM-2701(6) Playwriting I
THFM-3401/HIST-3190(3) Theatre History III
THFM-3402(3) Canadian Drama and Theatre
THFM-3611(6) Advanced Screenwriting
THFM-3701(6) Playwriting II: General

RHETORIC, WRITING, AND COMMUNICATIONS GROUP

A maximum of 6 credit hours of the following courses taught by the Department of Rhetoric, Writing, and Communications may be counted towards a major in English.

RHET-2131(3) Professional Style and Editing
RHET-2135(3) Rhetorical Criticism
RHET-3236(3) Orality and Literacy
RHET-3138(3) Modern Rhetorical Theory

Department website: Students are encouraged to consult the English Department website: http://english.uwinnipeg.ca. It offers specific current course synopses and a comprehensive list of additional information for planning a program of English studies.

COURSE LISTINGS

FIRST-YEAR (1000-LEVEL) COURSES

Only 6 credit hours in First-Year (1000-level) English courses can count towards a Major in English.

In order to offer students an interesting and useful introduction to university-level literary study, all sections of First-Year (1000-level) English follow the general guidelines listed in the course descriptions below. However, **each section of these courses works toward these general goals by means of a *different* focus.** Some sections concentrate on specific approaches or theories of literature (such as post-colonial or feminist); some deal with specific genres (such as poetry or short fiction); and some cover specific kinds of literature (such as popular literature or writing by women). Because each individual section of the courses varies in both content and method, **students intending to enroll in these courses should consult the English Department website** for descriptions of the specific content of each of the sections of the course currently being offered. After reading these descriptions, students should try to select a section with a focus that interests them. For additional information on these sections and how to satisfy the first-year prerequisite, please see "Prerequisites" in the "General Information" section.

ENGL-1000(3) English 1A
ENGL-1001(6) English 1
ENGL-1003(3) Introduction to English: Topics in Literature
ENGL-1004(3) Introduction to English: Reading Culture
ENGL-1005(3) Introduction to English: Reading to Write

UPPER-LEVEL COURSES

ENGL-2002(3) The Creative Process
ENGL-2003(6) The Field of Children's Literature
ENGL-2004(6) A History of Children's Literature
ENGL-2102(3) Introduction to Creative Writing: Developing a Portfolio
ENGL-2113(6) Picture Books for Children
ENGL-2114(6) Fairy Tales, Fantasy, and Culture
ENGL-2142(6) Field of Literary and Textual Studies
ENGL-2145(6) Field of Cultural Studies
ENGL-2146(6) Screen Studies
ENGL-2180(6) Popular Literature and Film
ENGL-2185(3) Literary Communities
ENGL-2202(3) Literature of the Sixteenth Century
ENGL-2203(3) Literature of the Seventeenth Century
ENGL-2220(3) English Literatures and Cultures 700-1660
ENGL-2221(6) The Age of Chaucer
ENGL-2230(3) British Literatures and Cultures 1660-1901
ENGL-2311(6) Shakespeare
ENGL-2401(6) Tragedy and Comedy in Drama
ENGL-2601(6) The Novel
ENGL-2603(3) Short Fiction
ENGL-2604(3) Poetry and Poetic Form
ENGL-2612(3) Science Fiction
ENGL/THFM-2703(3) Play Analysis
ENGL/MOD-2710(3) Literature in Translation
ENGL-2722(6) Postcolonial Literatures and Cultures
ENGL-2802(3)/LING-2003(3) Syntax
ENGL-2803(3)/LING-2001(3) Phonetics and Phonology
ENGL-2804(3)/LING-2101(3) Language and Culture
ENGL-2805(3)/LING-2002(3) Morphology
ENGL-2806(3)/LING-2004(3) Semantics: Philosophical Foundations
ENGL/WGS-2922(3) Topics in Women Writers
ENGL/WGS-2933(6) Survey of Women Writers
ENGL-3101(6) Creative Writing Comprehensive
ENGL-3102(1) Creative Writing Field Research
ENGL-3112(6) Advanced Creative Writing
ENGL-3113(3) Writing Short Fiction
ENGL-3114(3) Writing Poems
ENGL-3115(3) Writing for Children
ENGL-3116(3) Topics in Creative Writing
ENGL-3117(3) Poetry for Young People
ENGL-3118(3) Topics in Fiction for Young People
ENGL-3119(3) Canadian Children's Literatures and Cultures
ENGL-3120(6) Practicum in Literature, Literacy and Language
ENGL-3122(3) Special Studies I
ENGL-3131(6) Special Studies II
ENGL-3151(6) Critical Theory: An Introduction
ENGL-3160(3) Topics in Young People's Cultural and Literary Texts
ENGL-3169(3) Films for Young People
ENGL-3180(3/6) Making Peace and War in Literature and Culture
ENGL-3190(6) Literature and Film
ENGL-3209(3/6) Eighteenth-Century Studies
ENGL-3210(6) Romantic Literature and Culture
ENGL-3211(6) Victorian and Edwardian Literature
ENGL-3222(6) Modernism
ENGL-3225(6) Contemporary British Literature and Culture
ENGL-3401(6) Modern Drama
ENGL-3709 (3/6) Topics in Canadian Literature and Culture
ENGL-3710(6) Canadian Literature and Culture to 1914
ENGL-3715(3/6) Diasporic Literatures and Cultures in Canada
ENGL-3716(6) Canadian Literature and Culture after 1914
ENGL-3717(3/6) Indigenous Literatures and Cultures
ENGL-3719(3) Literature of Manitoba
ENGL-3723(3/6) Topics in Indigenous Texts and Cultures
ENGL-3724(3/6) Topics in Race and Ethnicity
ENGL-3730(3/6) American Literature
ENGL/CLAS-3754(3) Ancient Epic in Translation
ENGL/CLAS-3755(3) Ancient Drama in Translation
ENGL/CLAS-3756(3) Topics in Ancient Literature
ENGL-3800(6)/LING-3001(6) Stylistics Textual Analysis
ENGL-3812(3/6) History of the English Language
ENGL-3901(6) Queer Literature, Culture, and Theory
ENGL-3905 (3/6) Topics in Biblical Texts and Cultural Studies
ENGL-3920(3) Representations of Disability in Literary and Cultural Texts
ENGL-3951(3) Topics in Feminist Theory

ENGL-3980 (3/6) Topics in Comics and Graphic Narratives

Honours Courses

ENGL-4103(3) Research Apprenticeship
ENGL-4104(3) Tutorial Apprenticeship in English
ENGL-4110(6) Critical Theory
ENGL-4122(3) Special Studies I
ENGL-4131(6) Special Studies II
ENGL-4211(3/6) Romanticism
ENGL 4160(3/6) Young People's Texts and Cultures
ENGL-4242(3/6) Medieval Literature and Culture
ENGL-4251(3/6) Early Modern Literature and Culture
ENGL-4270(3/6) Eighteenth-Century Literature and Culture
ENGL-4281(3/6) Victorian Literature and Culture
ENGL-4285(3/6) Modernist Literature and Culture
ENGL-4294(3/6) Contemporary Literature and Culture
ENGL-4403(3/6) Author, Genre, or Form
ENGL-4710(3/6) Canadian Literature and Culture
ENGL-4717(3/6) Indigenous Literatures and Cultures
ENGL-4720(3/6) American Literature and Culture
ENGL-4730(3/6) Postcolonial Literatures and Cultures
ENGL-4740(3/6) Topics in Comparative Literature
ENGL-4741(3/6) Screen Studies
ENGL-4742(3/6) Cultural Studies
ENGL-4823(3) Old English Language
ENGL-4841(3) Old English Literature
ENGL-4901(3/6) Gender, Literature, and Culture
ENGL-4903 (3/6) Critical Race Studies

EXPERIMENTAL COURSE LISTINGS

ENGL-2613(3) Fantasy Fiction
ENGL-3725(3/6) Topics in Cultural Studies
ENGL-3814(3) Topics in Englishes of the Past

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called "All course descriptions" in the "Academic Calendar" section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

ENVIRONMENTAL STUDIES AND SCIENCES (ENV)

Updated March 28, 2018

Department Faculty- Chair: R. Westwood; R. Bullock, A. Diduck, S. Indraratne, D. Kumaragamage, J. Tardif, C. Wong. Department Assistant: Tania Guevara Sandoval.

Program Advisory Committee: Biology, J. Huebner; Forest Ecology, J. Tardif, R. Westwood; Indigenous Studies, J. Romanow; Sustainability, R. Bullock, A. Diduck, K. Patel; Global Issues, M. Vachon, D. Kumaragamage; Environmental Chemistry, A. Athar, C. Wong; GIS, E. Cloutis; Social Environment, R. Bullock, K. Fish; Economics, S. Baksi; Political Science, A. Mills

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
4-Year Honours BA
4-Year BSc
4-Year BSc (Business stream)
4- Year Honours BSc
5-Year Joint Program in Applied Environmental Science (UW/RRC)

INTRODUCTION

The Environmental Studies Program was founded in 1970 as one of the first interdisciplinary undergraduate environment programs in Canada, and one of the first few to emerge worldwide. During the last five decades the activities and the functions of the program have grown substantially with seven degree options available to students.

Following the principles of sustainability, the Department of Environmental Studies and Sciences takes an integrated and practical approach to human-environmental interactions and resource and environmental problems. The mission of the Department is to maintain and restore the health of the ecosphere and its people by i) educating and training the environmental leaders of tomorrow, ii) creating and disseminating knowledge, and iii) engaging with communities at local, regional and global levels.

The Department of Environmental Studies and Sciences offers various degree options, noted above. BA students can take either the Issues in Sustainability stream or the Urban Environments stream. BSc students can choose from among four streams: Chemistry, Forest Policy and Management, Forest Ecology and Global Environmental Systems. Students also have the opportunity to add on a Business Stream (see the "Science with a Business Stream" section of this Academic Calendar). The joint applied program with Red River College is a 5-year program that includes a full co-op work term and students receive both a diploma and a degree.

NATIONAL ENVIRONMENTAL PROGRAM ACCREDITATION FOR BA DEGREES

The BA degrees in Environmental Studies at The University of Winnipeg were among the first of their kind in Canada to be accredited by the Canadian Environmental Accreditation Commission (CEAC) and Environmental Careers Organization (ECO) Canada. This accreditation demonstrates to students, parents, educators and industry that our BA Degrees meet a national standard of quality.

REQUIREMENTS FOR A 3-YEAR BA

ADMISSION REQUIREMENT	Students must meet prerequisites where required.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing. RHET-1102 Academic Writing: Links with the Disciplines, Environmental Studies is recommended. **The Department recommends that students take RHET-1102 early in their first year of studies as most courses in DESS programs include multiple writing assignments.**
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major: Issues in Sustainability, 63 credit hours; Urban Environments, 57 credit hours.

Double Major: The student must meet both the requirements of Environmental Studies and Sciences and those of the second Major Department. A course listed by both Department counts towards both Majors (unless it is clearly stated otherwise in that discipline's section of this Calendar).

Combined Major: Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject. Required courses depend on second major and will be determined in consultation with the department advisor

ISSUES IN SUSTAINABILITY

ECON-1104(3) Introduction to Economic Theory
ECON-2317(3) Environmental Economics
ENV-1600(3) Human-Environmental Interactions
ENV/IDS- 2603(3) Environmental Sustainability: A Global Dilemma
ENV-3035(3) Law and the Environment
ENV-3606(3) Business and the Environment
ENV-3609(3) Research Methods and Design
ENV-3610(3) Research Projects
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science
GEOG-2309(3) Statistical Techniques in Environmental Analysis
GEOG-2414(3) The Urban Environment
PHIL-2233(3) Environmental Ethics
POL-2300(6) Public Administration

9 credit hours from among:

ECON-2311(3) Economics of Natural Resource Extraction
ECON-2318(3) Energy Economics
ENV/SOC-2502(3) Sociology of the Environment
ENV-2604(3) Environment and Health
ENV/UIC-3603(3) Winnipeg and the Environment: A Case Study Approach
ENV-4614(3) Critical Environmental Issues
GEOG-2204(3) Human Impact on the Environment
GEOG-2401(3) Agricultural Geography
GEOG-2408(3) Environmental Perception and Human Behaviour*
GEOG-2411(3) Geography of Globalization*
GEOG-2431(3) Population Geography*
POL-3310(3) Health Care Policy in Canada
SOC-2121(3) Population Problems*
SOC-2404(3) Sociology of Development and Underdevelopment*
SOC-2501(3) Technology and Society

one of:
BIOL-1106(3) Environmental Biology
CHEM-2801(3) Chemistry and Society

one of:
POL-2505(3) Issues in City Politics
POL-3411(3) Aboriginal People and the Law 1
POL-4520(3) Theories of Urban Poverty
UIC-3030(3) Urban and Community Planning

one of:
ECON-3305(3) Economic Development*
ECON-3306(3) International Aspects of Economic Development*
IDS-2110(3) Participatory Local Development*
IDS-3111(3) An Analysis of Development Aid Policies*

* courses with prerequisites that are not required courses in the major

URBAN ENVIRONMENTS

Required courses:

ECON-1104(3) Introduction to Economic Theory
ECON-2317(3) Environmental Economics
ENV-1600(3) Human-Environmental Interactions
ENV/IDS- 2603(3) Environmental Sustainability: A Global Dilemma
ENV-2604(3) Environment and Health
ENV/UIC-3025(3) Issues in Sustainable Cities
ENV-3035(3) Law and the Environment
ENV/UIC-3603(3) Winnipeg and the Environment: A case Study Approach
ENV-3609(3) Research Methods and Design
ENV-3610(3) Research Projects
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science
GEOG-2309(3) Statistical Techniques in Environmental Analysis
GEOG-2414(3) The Urban Environment
GEOG-2415(3) An Introduction to Urban Development
PHIL-2233(3) Environmental Ethics
POL/UIC-2020(3) Colonization and Aboriginal Peoples

one of:
BIOL-1106(3) Environmental Biology
CHEM-2801(3) Chemistry and Society

Suggested electives (minimum 3 credit hours):

BIOL-4411(3)	Water Quality and Health*
BIOL-4475(3)	Urban Forestry*
CHEM-3601(3)	Environmental Chemistry*
ECON-3303(3)	Economics of Public Expenditures*
ECON-3315(3)	Urban Economics*
ENV-2416 /GEOG/WGS(3)	Sex, Gender, Space and Place
ENV/SOC-2502(3)	Sociology of the Environment
ENV/IDS-2521(3)	Voluntary Simplicity
ENV-3606(3)	Business and the Environment
ENV-4611(6)	Environmental Impact Assessment
ENV-4614(3)	Critical Environmental Issues
GEOG-2411(3)	Geography of Globalization*
GEOG-2431(3)	Population Geography*
GEOG-3402(3)	Urbanization in the Developing World
GEOG-3413(3)	Urban Revitalization
GEOG-3480(3)	Water Resources
GEOG-4403(3)	Urban Land Use - Developmental Processes
GEOG-4404(3)	Field Research in Urban Geography
HIST-3544(6)	The History of Winnipeg
HIST-4550(6)	Advanced Studies in the History of Canadian Regions and Communities
IDS-2110(3)	Participatory Local Development*
POL-2300(6)	Public Administration
POL-2500(3)	City Politics
POL-2505(3)	Issues in City Politics
POL-4505(6)	Politics of Urban Planning
POL-4520(3)	Theories of Urban Poverty
REL-2505(3)	Religious Interpretations of the City
SOC-2120(3)	Sociology of Communities*
SOC-3113(6)	Sociology of Cities and Urban Life*
UIC-2001(3)	Community Development
UIC-3020(3)	Women in the Inner Cities

***** courses with prerequisites that are not required courses in the major

REQUIREMENTS FOR A 4-YEAR BA

ADMISSION REQUIREMENT Students must meet prerequisites where required.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing. RHET-1102 Academic Writing: Links with the Disciplines, Environmental Studies, is recommended. **The Department recommends that students take RHET-1102 early in their first year of studies as most courses in DESS programs include multiple writing assignments.**
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
4000-Level Courses:	Minimum 3.0 GPA (B) in major courses or permission of the department (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).

MAJOR REQUIREMENT

Single Major:	Issues in Sustainability, 72 credit hours; Urban Environments, 72 credit hours.
Double Major:	The student must meet both the requirements of Environmental Studies and Sciences and those of the second Major Department. A course listed by both Departments counts towards both Majors (unless it is clearly stated otherwise in that discipline's section of the Calendar).
Combined Major:	Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject. Required courses depend on second major and will be determined in consultation with the departmental advisor.

ISSUES IN SUSTAINABILITY

Required courses:

ECON-1104(3)	Introduction to Economic Theory
ECON-2317(3)	Environmental Economics
ENV-1600(3)	Human-Environmental Interactions
ENV/IDS-2603(3)	Environmental Sustainability: A Global Dilemma
ENV-3035(3)	Law and the Environment
ENV-3606(3)	Business and the Environment
ENV-3609(3)	Research Methods and Design
ENV-3610(3)	Research Projects
GEOG-1201(3)	Introductory Atmospheric Science
GEOG-1202(3)	Introductory Earth Science

GEOG-2309(3) Statistical Techniques in Environmental Analysis
GEOG-2414(3) The Urban Environment*
PHIL-2233(3) Environmental Ethics
POL-2300(6) Public Administration
POL-2505(3) Issues in City Politics
POL-4520(3) Theories of Urban Poverty

one of:
BIOL-1106(3) Environmental Biology
CHEM-2801(3) Chemistry and Society

one of:
ECON-3305(3) Economic Development*
ECON-3306(3) International Aspects of Economic Development*
IDS-2110(3) Participatory Local Development*
IDS-3111(3) An Analysis of Development Aid Policies*

18 credit hours from among:
CRS-1200(6) Introduction to Conflict Resolution studies
ECON-2311(3) Economics of Natural Resource Extraction
ECON-2318(3) Energy Economics
ECON-3302(3) International Finance
ECON-3303(3) Economics of Public Expenditures
ECON-3315(3) Urban Economics*
ENV/SOC-2502(3) Sociology of the Environment
ENV-2604(3) Environment and Health
ENV/UIC-3603(3) Winnipeg and the Environment: A Case Study Approach
ENV-4614(3) Critical Environmental Issues
GEOG-2401(3) Agricultural Geography
GEOG-2407(3) Recreation Geography*
GEOG-2411(3) Geography of Globalization*
GEOG-2431(3) Population Geography*
GEOG-3216(3) Arctic Environments
GEOG-3402(3) Urbanization in the Developing World*
GEOG-3408(3) Water Resources*
GEOG-4441(3) Advanced Studies in Environmental Perception*
IDS-1100(6) Introduction to International Development
IDS-2131(3) Rural Development*
IDS-2181(3) Selected Topics in International Development Studies*
IDS-3111(3) Analysis of Development Aid Policies*
POL-2100(6) Global Politics
POL-3105(6) Global Political Economy
POL-3310(3) Health Care Policy in Canada
SOC-2121(3) Population Problems*
SOC-2404(3) Sociology of Development and Underdevelopment*
SOC-2501(3) Technology and Society
SOC-3113(6) Sociology of Cities and Urban Life*

***** courses with prerequisites that are not required courses in the major

URBAN ENVIRONMENTS

Required courses:
ECON-1104(3) Introduction to Economic Theory
ECON-2317(3) Environmental Economics
ENV-1600(3) Human-Environmental Interactions
ENV/IDS-2603(3) Environmental Sustainability: A Global Dilemma
ENV-2604(3) Environment and Health
ENV/UIC-3025(3) Issues in Sustainable Cities
ENV-3035(3) Law and the Environment
ENV/UIC-3603(3) Winnipeg and the Environment: A Case Study Approach
ENV-3609(3) Research Methods and Design
ENV-3610(3) Research Projects
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science
GEOG-2309(3) Statistical Techniques in Environmental Analysis
GEOG-2414(3) The Urban Environment
GEOG-2415(3) An Introduction to Urban Development
PHIL-2233(3) Environmental Ethics
POL-2500(3) City Politics
POL-2505(3) Issues in City Politics

one of:
BIOL-1106(3) Environmental Biology
CHEM-2801(3) Chemistry and Society

15 credit hours from among:
BIOL-4411(3) Water Quality and Health*
BIOL-4475(3) Urban Forestry*
CHEM-3601(3) Environmental Chemistry*
ECON-3303(3) Economics of Public Expenditures*
ECON-3315(3) Urban Economics*
ENV/GEOG/WGS-2416(3) Sex, Gender, Space and Place
ENV/SOC-2502(3) Sociology of the Environment
ENV-2521(3) Voluntary Simplicity
ENV-3606(3) Business and the Environment
ENV-4611(6) Environmental Impact Assessment
ENV-4614(3) Critical Environmental Issues
GEOG-2411(3) Geography of Globalization*
GEOG-2431(3) Population Geography*
GEOG-3402(3) Urbanization in the Developing World
GEOG-3413(3) Urban Revitalization
GEOG-3480(3) Water Resources
GEOG-4403(3) Urban Land Use – Developmental Processes
GEOG-4404(3) Field Research in Urban Geography
HIST-3544(6) The History of Winnipeg
HIST-4550(6) Advanced Studies in the History of Canadian Regions and Communities
IDS-2110(3) Participatory Local Development*
POL-2300(6) Public Administration
POL-4505(6) Politics of Urban Planning
POL-4520(3) Theories of Urban Poverty
REL-2505(3) Religious Interpretations of the City
SOC-2120(3) Sociology of Communities*
SOC-3113(6) Sociology of Cities and Urban Life*
UIC-2001(3) Community Development
UIC 2220(3) Urban Poverty and Policy
UIC-3020(3) Women in the Inner Cities
UIC-3030(3) Urban and Community Planning

*courses with prerequisites that are not required courses in the major

REQUIREMENTS FOR AN HONOURS BA

ADMISSION REQUIREMENT Students must consult with the Department Advisor in planning their studies.

GRADUATION REQUIREMENT 120 credit hours
Graduation G.P.A. Requirement To graduate with a BA Honours, students must have completed the course requirements for a BA in Environmental Studies with a minimum GPA of 3.0 on all Environmental Studies and Sciences courses, which will be calculated on all course attempts in the major. Students must also have a minimum 2.75 GPA on all non-major courses, which will be calculated as for the General Degree (i.e., F's are not included and, in the case of repeated courses, only the highest grade will be used).

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Honours: Minimum 30 credit hours**,** including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours

Writing: Minimum 3 credit hours of Academic Writing. RHET-1102 Academic Writing: Links with the Disciplines, Environmental Studies, is recommended.

The Department recommends that students take RHET-1102 early in their first year of studies as most courses in DESS programs include multiple writing assignments.

Indigenous: 3 credit hours in designated Indigenous requirement courses

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.
4000-level Courses: Minimum 3.0 GPA (B) in major courses or permission of the department (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).

HONOURS REQUIREMENT
Single Honours: Minimum requirements for a 4 year BA degree in Environmental Studies in either of the following streams: Issues in Sustainability or Urban Environment. Minimum 30 credit hours in upper-level (3000 and 4000) courses of which a minimum of 12 credit hours must be at the 4000 level.
Required Courses:
GEOG-2309(3) Statistical Techniques in Environmental Analysis
ENV-4611 (6) Environmental Impact Assessment
ENV-4701(6) Environmental Studies Honours Thesis

NATIONAL ENVIRONMENTAL PROGAM ACCREDITATION FOR BSc DEGREES

The BSc degrees in Environmental Science at The University of Winnipeg have been accredited by the Canadian Environmental Accreditation Commission (CEAC) and Environmental Careers Organization (ECO) Canada. This accreditation demonstrates to students, parents, educators and industry that our BSc Degrees in Environmental Science meet a national standard of quality.

REQUIREMENTS FOR A 4-YEAR BSc

ADMISSION REQUIREMENT Students must meet prerequisites where required.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours
Science: 6 credit hours
Writing: Minimum 3 credit hours of Academic Writing. RHET-1103 Academic Writing: Links with the Disciplines, Environmental Studies, is recommended.

The Department recommends that students take RHET-1103 early in their first year of studies as most courses in DESS programs include multiple writing assignments.

Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Chemistry, 84 credit hours; Global Environmental Systems, 84 credit hours; Forest Ecology, 87 credit hours; Forest Policy and Management, 84 credit hours.
Double Major:	The student must meet both the requirements of Environmental Studies and Sciences and those of the second Major Department. A course listed by both Departments counts towards both Majors (unless it is clearly stated otherwise in that discipline's section of the Calendar).
Combined Major:	Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject. Required courses depend on second major and will be determined in consultation with the departmental advisor.

Required courses:
(These are the core courses for all BSc students.)

BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
BIOL-2403(3) Principles of Ecology
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
ECON-1104(3) Introduction to Economic Theory
ENV-1600(3) Human-Environmental Interactions
ENV/IDS-2603(3) Environmental Sustainability: A Global Dilemma
ENV-3035(3) Law and the Environment
ENV-4611(6) Environmental Impact Assessment
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science
PHIL-2233(3) Environmental Ethics

3 credit hours from among:

GEOG-2309(3) Statistical Techniques in Environmental Analysis
STAT-1301(3) Statistical Analysis I
STAT-1501(3) Elementary Biological Statistics I

CHEMISTRY

Required courses:
Core courses for all BSc students PLUS

BIOL-4411(3) Water Quality and Health
CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
CHEM-2501(3) Principles of Biochemistry or **CHEM-3502(3)** Intermediate Biochemistry I or **ENV/CHEM-3611(3)** Environmental Toxicology
CHEM-3302(3) Methods of Chemical Analysis
CHEM-3601(3) Environmental Chemistry
MATH-1101(6) Introduction to Calculus or the equivalent **MATH-1103(3)** Introduction to Calculus I and **MATH-1104(3)** Introduction to Calculus II
PHYS-1101(6) Foundations of Physics I or **PHYS-1301(6)** Introduction to Physics

GLOBAL ENVIRONMENTAL SYSTEMS

Required courses:
Core courses for all BSc students PLUS

ENV-4615(3) Environmental Soil Science
GEOG-2207(3) Climatology
GEOG-2213(3) Introductory Soil Science
GEOG-2214(3) Soil-Vegetation Systems
GEOG-2431(3) Population Geography*
GEOG-3210(3) Hydrology

6 credit hours from among the following techniques courses:

GEOG-2304(3) Computer Mapping
GEOG-2306(3) Introduction to Geographic Information Systems
GEOG-2316(3) Introduction to Remote Sensing
GEOG-3319(3) Advanced Remote Sensing

6 credit hours from the following geography options:

GEOG-2408(3) Environmental Perception and Human Behaviour*
GEOG-2411(3) Geography of Globalization*
GEOG-2414(3) The Urban Environment*
GEOG-3408(3) Water Resources*
GEOG-3508(3) Geographical Issues in the Developing World*
GEOG-2212(3) Natural Hazards

3 credit hours from the following physical geography options:

GEOG-2215(3) Mineralogy and Petrology
GEOG-2216(3) Physical Geology
GEOG-2218(3) Fluvial and Hillslope Processes
GEOG-2219(3) Glacial and Periglacial Processes
GEOG-3204(3) Climate Change and Variability
GEOG-3215(3) Biogeography
GEOG-3216(3) Arctic Environments

6 credit hours from the following options:

CRS-1200(6) Introduction to Conflict Resolution Studies
ENV/SOC-2502(3) Sociology of the Environment
ENV-2604(3) Environment and Health
ENV-3606(3) Business and the Environment
ENV/UIC-3025(3) Issues in Sustainable Cities
ENV 4614 (3) Critical Environmental Issues
IDS-1100(6) Introduction to International Development Studies
IDS-2131(3) Rural Development *
IDS-3160(3) Cultural Perspectives on Global Processes *
PHIL-1002(6) Values and the Human Condition
POL-3105(6) Global Political Economy
POL-3120(3) International Law
SOC-2110(6) Social Change *

*courses with prerequisites that are not required courses in the major

FOREST ECOLOGY

The **Forest Ecology and Forest Policy and Management streams** are accredited by the Canadian Institute of Forestry (CIF), Canada's professional organization of foresters and leading voice for the forest industry. This designation allows graduates from these streams to have the prestige associated with a **nationally recognized forestry baccalaureate program**, giving students a competitive edge and the specialized skills needed to work in the forest industry or many associated professions. **Graduates of the University of Winnipeg's Forestry programs receive Silver Ring recognition from the CIF** which symbolizes their responsibility to manage the forest for future generations and is a commitment to life-long learning and worn with pride. The Silver Rings are presented at a special ceremony with representatives of the CIF and the University of Winnipeg. The Silver Rings recognize that students are educated and trained in the complex interrelationships of forest ecosystems, water, fish and wildlife, as well as the social, cultural and economic aspects of forestry.

Required courses:

Core courses for all BSc students (except that ENV-2603(3) Environmental Sustainability: A Global Dilemma is not required and GEOG-2309(3) Statistical Techniques in Environmental Analysis is required) PLUS

BIOL-2153(3) Biology of Vascular Plants
BIOL/ENV-2401(1) Forest Field Skills Camp **
BIOL-2477(3) Forest Measurement +
BIOL-3152(3) Flora of Manitoba
BIOL-3471(3) Forest Ecology+
BIOL-3473(3) Principles of Silviculture +
BIOL/ENV-3476(3) Forest Policy and Management
BIOL-4451/2 Forest Ecosystems Field Course **
BIOL-4471(3) Ecological Methodology+
BIOL-4473(3) Dendrochronology +
BIOL-4474(3) Forest Health and Protection +
BIOL-4475(3) Urban Forestry +
ENV-3607(3) Forests and the Environment +
ENV-3608(3) Forest Wildlife Management +
GEOG-2213(3) Introductory Soil Science
GEOG-2306(3) Introduction to Geographic Information Systems

Suggested electives:

BIOL-2115(3)	Biology of Invertebrates
BIOL-3410(3)	Freshwater Ecology
BIOL-3801(3)	General Entomology*
BIOL-4111(6)	Biology Honours Thesis
ENV-4613(3)	Directed Studies in Environmental Studies and Sciences
ENV 4614 (3)	Critical Environmental issues
ENV-4615(3)	Environmental Soil Science
GEOG-2207(3)	Climatology
GEOG-2316(3)	Remote Sensing
GEOG-2414(3)	The Urban Environment*
GEOG-3210(3)	Hydrology
GEOG-3215(3)	Biogeography
GEOG-3306(3)	Advanced Geographic Information Systems
GEOG-3319(3)	Advanced Remote Sensing

* courses with prerequisites that are not required courses in the major
** The field courses are typically held in alternating years in the spring or summer session.
+ Typically held in alternating years in the fall/winter session.

FOREST POLICY AND MANAGEMENT

Required courses:
Core courses for all BSc students (except that GEOG-2309(3) Statistical Techniques in Environmental Analysis is required)
PLUS

BIOL-2153(3)	Biology of Vascular Plants
BIOL/ENV-2401(1)	Forest Field Skills Camp **
BIOL-3471(3)	Forest Ecology+
BIOL/ENV-3476(3)	Forest Policy and Management
BIOL-4451/2	Forest Ecosystems Field Course **
BIOL-4474(3)	Forest Health and Protection
BIOL-4475(3)	Urban Forestry
ECON-2317(3)	Environmental Economics
ENV-3606(3)	Business and the Environment
ENV-3607(3)	Forests and the Environment
GEOG-2306(3)	Introduction to Geographic Information Systems
POL-2300(6)	Public Administration
POL-3411(3)	Aboriginal People and the Law I

Suggested electives:

BIOL-2477(3)	Forest Measurement
BIOL-3473(3)	Principles of Silviculture+
CRS-1200(3)	Introduction to Conflict Resolution Studies
ENV-3608(3)	Forest Wildlife Management
ENV-4613(3)	Directed Studies in Environmental Studies and Sciences
ENV 4614 (3)	Critical Environmental issues
ENV-4615(3)	Environmental Soil Science
GEOG-2204(3)	Human Impact on the Environment
GEOG-3306(3)	Advanced Geographic Information Systems
POL/UIC-2020	Colonization and Aboriginal Peoples
POL-3405(3)	Aboriginal Politics in Manitoba
POL-3415(3)	Aboriginal People and the Law II
REL-2801(3)	Introduction to Aboriginal Spirituality
REL-2802(3)	Aboriginal and Christian Encounter

* courses with prerequisites that are not required courses in the major
** The field courses are typically held in alternating years in the spring or summer session.

REQUIREMENTS FOR A 4-YEAR BSC WITH A BUSINESS STREAM

Students must complete the requirements of the 4-year BSc in Environmental Science in any stream (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar

EQUIREMENTS FOR AN HONOURS BSC

ADMISSION REQUIREMENT Students must consult with the Department Advisor in planning their studies.

GRADUATION REQUIREMENT 120 credit hours

Graduation G.P.A. Requirement To graduate with a BSc Honours, students must have completed the course requirements for a BSc in Environmental Science with a minimum GPA of 3.0 on all Environmental Studies and Sciences courses, which will be calculated on all course attempts in the major. Students must also have a minimum 2.75 GPA on all non-major courses, which will be calculated as for the General Degree (i.e., F's are not included and, in the case of repeated courses, only the highest grade will be used).

RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours

Honours: Minimum 30 credit hours**,** including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities

Science: 6 credit hours

Writing: Minimum 3 credit hours of Academic Writing. RHET-1103 Academic Writing: Links with the Disciplines, Environmental Studies, is recommended.

The Department recommends that students take RHET-1103 early in their first year of studies as most courses in DESS programs include multiple writing assignments.

Indigenous: 3 credit hours in designated Indigenous requirement courses

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

4000-level Courses: Minimum 3.0 GPA (B) in major courses or permission of the department (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).

HONOURS REQUIREMENT

Single Honours: Minimum requirements for a BSc degree in Environmental Science in any of the following streams: Forest Ecology, Forest Policy and Management, Global Environment Systems and Chemistry.

Note: **GEOG-2309(3)** Statistical Techniques in Environmental Analysis must be chosen for the statistics requirement.

Minimum 30 credit hours in upper-level (3000 and 4000) courses of which a minimum of 12 credit hours must be at the 4000 level.

Additional Required Course:

ENV-4701(6) Honours Environmental Studies and Sciences Thesis

THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 5-YEAR JOINT PROGRAM IN APPLIED ENVIRONMENTAL SCIENCE - REQUIREMENTS

This is a joint degree program whereby students are required to take courses at both The University of Winnipeg and Red River College in a recommended sequence. The program has been specifically designed to prepare students for careers in industry where practical and theoretical skills are necessary.

In the **5-year program**, students are enrolled at The University of Winnipeg in years one, two and five, and at Red River College for years three and four. The 5-year structure includes the benefit of a full co-op work term. (The work term credit requires that the student complete a minimum of 16 weeks of full-time, paid work experience related to their training and complete a reflective journal of their work experience.). The 5-year structure will increase future opportunities for students because they will also be eligible for certification by the Certified Technicians and Technologists Association of Manitoba. Students who successfully complete the entire program will receive a joint 5-Year BSc degree parchment from The University of Winnipeg and an Environmental Engineering Technology Diploma from Red River College.

Note: Transfer of courses between institutions applies only to students who are officially registered in the joint program. The Red River College courses require a laptop computer and thisincurred cost is the responsibility of the student .

ADMISSION REQUIREMENT Students must meet the entrance requirements for admission to The University of Winnipeg. **Application to the program in Applied Environmental Science must be completed through the Admissions Office of The University of Winnipeg by March 1st of each year in order to enter the program in September of the same year.**

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours
Writing: Minimum 3 credit hours of Academic Writing. RH-1103 Academic Writing: Links with the Disciplines, Environmental Studies, is recommended.
Maximum Introductory Courses:
Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

The Department recommends that students take RHET-1103 early in their first year of studies as most courses in DESS programs include multiple writing assignments.

Indigenous: 3 credit hours in designated Indigenous requirement courses

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

University of Winnipeg minimum pre-requisites for entering RRC component of the 5 Year program:

CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
Academic Writing Requirement: 3 credit hours Humanities

MAJOR REQUIREMENT:

Year 1 - University of Winnipeg
- **BIOL-1115(3)** Cells and Cellular Processes
- **BIOL-1116(3)** Evolution, Ecology and Biodiversity
- **CHEM-1111(3)** Introduction to the Chemical Properties of Matter
- **CHEM-1112(3)** Basic Principles of Chemical Reactivity
- **ECON-1104(3**) Introduction to Economic Theory
- **ENV-1600(3)** Human-Environmental Interaction
- **GEOG-1201(3)** Introductory Atmospheric Science
- **GEOG-1202(3)** Introductory Earth Science
- **Academic Writing Requirement**

- **3 credit hours Humanities**

Year 2 - University of Winnipeg
- **BIOL-2403(3)** Principles of Ecology
- **CHEM-2302(3)** Quantitative Chemical Analysis
- **CHEM-3302(3)** Methods of Chemical Analysis
- **ECON-2317(3)** Environmental Economics
- **ENV-2603(3)** Environmental Sustainability: A Global Dilemma
- **ENV-3035(3)** Law and the Environment
- **PHIL-2233(3)** Environmental Ethics
- **3 credit hours Humanities**
- **3 credit hours from among:**
  - **GEOG-2309(3)** Statistical Techniques in Environmental Analysis
  - **STAT-1301(3)** Statistical Analysis 1
  - **STAT-1501(3)** Elementary Biological Statistics I
- **3 credit hours from among:**
  - **BIOL-3492(3)** Quantitative and Theoretical Biology
  - **CHEM-2701(3)** Introduction to Computers in Chemistry
  - **ACS-1453(3)** Introduction to Computers

Year 3 - Red River College
- **CIVC-1044** Project Administration
- **CIVL-2001** Calculus and Statistics
- **CIVL-2006** Geo-Environmental Fundamentals

CIVL-2009	Fundamentals of GIS
CIVL-2012	Environmental Analysis
CIVL-2020	Environmental Science
CIVL-2031	Chemistry 2
CIVL-2032	Health and Safety
CIVW-2008	Co-op Work Placement

Year 4 - Red River College

CIVL-2007	Environmental Management
CIVL-3005	Applied Research Project
CIVL-3007	Waste Management
CIVL-3008	Water and Waste Water
CIVL-3011	Remote Sensing and Digital Photogrammetry
CIVL-3016	Hydrology
CIVL-3026	Engineering Economics
CIVL-3027	Supervisory Management

Year 5 - University of Winnipeg

ENV-3609(3)	Research Methods and Design
ENV-3610(3)	Research Projects
ENV-4611(6)	Environmental Impact Assessment

3 credit hours Humanities

15 credit hours from among:

BIOL-2902(3)	Biology of Bacteria and Archaea (formerly “Biology of the Prokaryotes and Viruses”)
BIOL-3410(3)	Freshwater Ecology
BIOL-3471(3)	Forest Ecology
BIOL/ENV-3476(3)	Forest Policy and Management
BIOL-3901(3)	Microorganisms and Disease
BIOL-3902(3)	Microbial Ecology
BIOL-4411(3)	Water Quality and Health
BIOL-4471(3)	Ecological Methodology
CHEM-3601(3)	Environmental Chemistry
ENV-3607(3)	Forests and the Environment
ENV-4614(3)	Critical Environmental Issues
ENV 4615(3)	Environmental Soil Science
GEOG-2213(3)	Introductory Soil Science
GEOG-2214(3)	Soil-Vegetation Systems
GEOG-2414(3)	The Urban Environment
GEOG-3408(3)	Water Resources

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

FRENCH STUDIES (FREN)

Updated January 31, 2018

Chair: Professor S.A. Viselli; Professor: L. Rodriguez; Associate Professors: A. Balint, G. Moulaison; Assistant Professor: S. Cook; Instructor III: M. LeMaître; Professor Emerita: C. Harvey; Professor Emeritus : K. Meadwell; Instructor III Emerita : A. Rusnak.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor

INTRODUCTION

Spoken by over 220 million francophones worldwide, French is an official language of the United Nations, NATO, UNESCO, the Vatican, the Olympic Games, the World Trade Organization, the World Health Organization, Amnesty International, the Red Cross and many countries including Canada, Belgium, Switzerland, Senegal, Rwanda and Haïti, to name just a few. In the global world of the 21st century, becoming bilingual is more desirable and relevant than ever.

French gives you the competitive edge you need to get ahead in a whole range of careers: many federal and provincial government positions, airline customer service representative, businessperson, customs office, diplomatic aide, educator, foreign correspondent, guide (museums, art galleries), human resources director, intelligence analyst, knowledge worker, lawyer, manager, nurse, office worker, public servant, radio broadcaster, social worker, translator, and many more! By mastering French, you will enrich your life and enhance your career opportunities, no matter what path you choose.

In French Studies, we offer the 3-year BA (Major or Combined Major), the 4-year BA (Major or Combined Major), as well as the Honours BA.

Once you have mastered the basics, you can choose from a broad range of stimulating courses where you will discuss ideas related to cultures, literatures and languages, reflect on current events and contemporary issues, translate newspaper articles and other texts, read classics from the 17th to the 21st centuries, enjoy well-known writers such as La Fontaine or Molière, Balzac, Proust or Simone de Beauvoir, and contemporary Nobel Prize of literature laureates, Le Clézio or Patrick Modiano, investigate the evolution of French-Canadian literatures, explore the phenomenon of bilingualism and multilingualism, learn modern French vocabulary and syntax, and understand the way language works**.**

French Studies participates in the Interdepartmental Minor in Comparative Literature. For eligible courses, please see Comparative Literature in this Calendar.

FRENCH PLACEMENT TEST: Students with no or very little French are exempt from the test, and must instead contact the department for permission to register in FREN-1100(3). All other students registering for their first French Studies course *must* take the online Placement Test. The test results will assist in determining the appropriate first French course to be taken: FREN-1100(3), FREN-1102(3), FREN-1103-3(3),FREN-1104(3) or FREN-2105(3). For more details on the test, please consult the French Studies website.

REQUIREMENTS FOR A 3-YEAR BA IN FRENCH STUDIES

ADMISSION REQUIREMENT

Students **must** consult a French Studies coordinator or departmental advisor in planning their course of study. French Studies courses form a sequence, building on the knowledge and skills acquired at each level. Each series (language/linguistics or literature) has to be taken in numerical order, or permission obtained to do otherwise.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in French Studies and specified number of credit hours in the other department/program.
Required courses:	24 credit hours in French Studies above the 1000-level. **FREN-2110(3)** Composition and Grammar and 3 credit hours in another 2000-level language/linguistic course.

	Minimum 6 credit hours in literature. Minimum 12 credit hours in French Studies at the 3000-level. Students may opt for a French Studies Major in literature or language/linguistics. Minimum 2.5 GPA (C+) in all French Studies courses is advised for continuation in the Major program.
Restrictions:	**FREN-1100(3) and FREN-1102(3*) cannot*** be used towards the major or the teachable major in the Education program.
Combined Major:	Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject.
Prescribed Courses:	6 credit hours at the 2000-level. 3 credit hours at the 3000-level.
Restrictions:	**FREN-1100(3) and FREN-1102(3) *cannot*** be used towards the combined major.

Students are advised that a 3-year BA is not normally sufficient for admission to graduate studies.

REQUIREMENTS FOR A 4-YEAR BA IN FRENCH STUDIES

ADMISSION REQUIREMENT

Students **must** consult a departmental advisor in planning their course of study.
Students must have completed at least 30 credit hours in French Studies.
No more than one first-year French Studies courses may be used for credit in streams 1, 2, and 3.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 66 credit hours.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program.
Required courses:	Students may choose a stream in language/linguistics, literature, or a combination of both:

1. **Language/Linguistics Stream:** 36 credit hours including: 12 credit hours in language/linguistics at the 2000-level, 3 credit hours in 2000-level literature, 12 credit hours in 3000-level language/linguistics, and 6 credit hours in 4000-level language/linguistics.

2. **Literature Stream:** 48 credit hours including: 9 credit hours at the 2000-level in literature, **FREN-2110(3)**, 3 credit hours in 2000-level language/linguistics, 9 credit hours in 3000-level literature, 3 credit hours in 3000-level language/linguistics, and 6 credit hours in 4000-level literature.

3. **Literature and Language/Linguistics Combination Stream:** 48 credit hours including, 6 credit hours in 2000-level language/linguistics, 6 credit hours in 2000-level literature, 6 credit hours in 3000-level language/linguistics, 6 credit hours in 3000-level literature, and 6 credit hours in 4000-level language/linguistics or literature.

Restrictions:	**FREN-1100(3) and FREN-1102(3) *cannot*** be used towards the major or the teachable major in the Education program.
Combined Major:	Minimum 60 credit hours from 2 different majors with not less than 24 credit hours from each major subject.
Prescribed Courses:	**FREN-2110(3)** Composition and Grammar and 3 credit hours in another 2000-level course. 6 credit hours in French Studies at the 3000-level.
Restrictions:	**FREN-1100(3) and FREN-1102(3) *cannot*** be used towards the combined major.

REQUIREMENTS FOR AN HONOURS BA IN FRENCH STUDIES

ADMISSION REQUIREMENT

Students must consult the Departmental Honours advisor or Chair in planning their course of study.
Entry into the program after completing a minimum of 30 credit hours, including FREN-1004(3) or FREN-2105(3).
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.
Minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
Minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT	120 credit hours, with minimum 3.0 GPA in Honours subject courses and 2.5 GPA in Non-Honours subject courses**.**

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours**,** including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000-level.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours. Minimum 9 credit hours in literature and 3 credit hours in language/linguistics (3000 or higher). Minimum 30 credit hours at upper level (3000 and 4000) Honours Subject courses of which a minimum of 15 credit hours must be at the 4000-level.
Double Honours:	Minimum 36 credit hours in each Honours subject. Minimum 6 credit hours in literature and 3 credit hours in language/linguistics (3000 or higher). Minimum 24 credit hours at the upper level (3000 and 4000) in the French Studies component of the double Honours of which a minimum of 15 credit hours must be at the 4000-level. For the requirements of the other Honours subject consult the department involved.

Students must consult the Departmental Honours advisor to determine whether they fulfil the general Honours requirements.
Students must complete the Honours application form and append to it their most recent student history.
Students will establish their program in consultation with the Departmental Honours advisor.
Qualified students are required to take the Department's 4000-level seminars, offered annually and in rotation.

Restrictions:	**FREN-1100(3) and FREN-1102(3) *cannot*** be used towards the major or the teachable major in the Education program.

REQUIREMENTS FOR A MINOR IN FRENCH STUDIES

Degree:	Students completing any degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement:	Minimum 12 credit hours in the Minor subject
Required courses:	FREN-2105(3) Intermediate French 2 and 3 credit hours in another 2000-level course. Minimum 3 credit hours at 3000 level NOTE: These requirements apply to the teachable minor in the Education program.
Restrictions:	Students cannot declare the same subject as a Major and a Minor. **FREN-1100(3) and FREN-1102(3) *cannot*** be used towards the minor or the teachable minor in the Education program.

GENERAL INFORMATION

Oral Proficiency Requirement

A satisfactory level of oral proficiency is required for completion of the French Studies Major. The Department provides facilities to give students practice in oral French. The degree of proficiency they attain in speaking depends largely on their own efforts. Students are able to improve their oral competence through Continuing Education or programs like Explore, sponsored by the Federal government.

French Studies courses may include an oral component, either language laboratory or conversation with native French speakers or both.

Students may be required to take an oral test at the end of the Fall and Winter terms.

4000-Level Courses: Minimum 3.0 GPA (B) in major courses. Students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses.
Permission of the French Studies advisor, the course instructor, or the Department Chair is required for each 4000-level course.

Reference Books

Students are strongly advised to have the following reference books: a reputable French or bilingual dictionary such as *Le Petit* Robert (a recent edition) or the *Collins Robert French-English English-French Dictionary* and a French reference grammar such as *Grammaire pratique* (Hachette), A. Hamon.

COURSE LISTINGS

Note: **FRENCH PLACEMENT TEST**: Students with no or very little French are exempt from the test, and must instead contact the department for permission to register in FREN-1100(3). All other students registering for their first French Studies course *must* take the online Placement Test.
Note: The following course does not meet the Humanities requirement: FREN-3204(3).
Note: FREN-1100(3) Elementary French 1, FREN-1102(3) Elementary French 2, and FREN-1103(3) Elementary French 3 are given in French as much as possible. **All** other courses are given entirely in French.

FIRST YEAR COURSES

FREN-1100(3) Elementary French 1
Note: This course may not be used towards fulfilling the French Studies major or minor requirement.
FREN-1102(3) Elementary French 2
Note: This course may not be used towards fulfilling the French Studies major or minor requirement.
FREN-1103(3) Elementary French 3
Note: FREN-1100(3), FREN-1102(3), and FREN-1103(3) are given as much as possible in French, in order that students may learn to understand spoken French. However, some discussions and explanations may be in English.
FREN-1104(3) Intermediate French 1

LANGUAGE AND LINGUISTICS COURSES

Note: Not all of these courses will be offered in any given term. Please consult the Timetable. All students registering for their first French Studies course **must** consult a Departmental Advisor.
FREN-2105(3) Intermediate French 2
FREN-2110(3) Composition and Grammar
FREN-2114(3) English-French Translation
FREN-2115(3) French-English Translation
FREN-2116(3) French for Business
FREN-2202(3) Phonetics
FREN-2205(3) Culture & Society in Contemporary France
FREN-3111(6) Comparative Stylistics and Translation
FREN-3202(3)/ 4202(3) Géolinguistique française (French Geolinguistics)
FREN-3204(3)/ 4206(3) French Morphology and Syntax
FREN-3205(3)/ 4205(3) Studies in Bilingualism
FREN-3301(3) History of the French Language

LITERATURE COURSES

Note: Not all of the following courses will be offered in any given session. Please consult the timetable. All students registering for their first French Studies course **must** consult a departmental advisor.
FREN-2180(3) Introduction to French Literature
FREN-2182(3) Francophone Canadian Literature Before the 1960s
FREN-2183(3) Contemporary Francophone Literature of Canada
FREN-2383(3) The Art of Close Reading
FREN-2384(3) Literary Avant-Garde in French
FREN-2385(3) 20th Century French Writers and Thinkers
FREN-2481(3) Nineteenth-Century French Prose
FREN-2482(3) Nineteenth-Century French Poetry and Drama
FREN-3283(3)/ 4283(3) Life-Narratives in French Literature
FREN-3580(3)/ 4580(3) Littérature du 18e siècle I: Le Siècle des "Lumières"
FREN-3581(3)/ 4581(3) Littérature du 18e siècle II: "Lumières" et Révolution
FREN-3609(3) Decolonizing Voices: Francophone Indigenous Literature
FREN-3680(3)/ 4680(3) Littérature du 17e siècle I: Le Baroque
FREN-3681(3)/ 4681(3) Littérature du 17e siècle II: Le Classicisme
FREN-3885(3) Medieval French Literature
FREN-3953(3)/ 4953(3) The Contemporary Francophone Novel of Canada

HONOURS COURSES

Note: 4000-level courses, which are listed below, are open to students who have a B average in French Studies. To register, a student must complete the Honours Application Form, to be signed by the Department Honours advisor or Chair.
FREN-4021(3) Tutorial
FREN-4115(3) Literary Translation and Transmedial Transposition
FREN-4200(3) Language and Style
FREN-4284(3) Modern & Contemporary Literature & Photography
FREN-4385(3) Transculturalism in Literatures of Europe and the Americas
FREN-4730(3) La Renaissance
FREN-4748(3) Le théâtre classique
FREN-4760(3) Nineteenth-Century Poets

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website: **http://uwinnipeg.ca/academics/calendar/index.html**

GEOGRAPHY (GEOG)

Updated Feb 5, 2018

Chair: Associate Professor Marc Vachon; Professors: D. Blair, B. Buhay, E. Cloutis; Associate Professors: J. Binyamin, N. Casson, J. Distasio, M. Dyce, P. Fitzpatrick, I. Mauro, C. Storie, J. Storie; G. Sylvestre; Instructors: B.R. McGregor, M. Krawetz; Cartographer: W. Hiebert; Lab Technician: P. Mann; Map Librarian: B. Russell; Department Assistant: Tania N. Guevara Sandoval; Adjunct Professor: L. Fishback.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
4-Year BA (UW/RRC)
Honours BA
3-Year BSc
3-Year BSc (Business Stream)
4-Year BSc
4-Year BSc (Business Stream)
4-Year BSc (UW/RRC)
Honours BSc
Minor - Human Geography
Minor - Physical Geography

INTRODUCTION

The study of Geography is concerned with the Earth in two ways - as the science of interaction between natural elements of the environment, such as weather, plants, soils, and landforms and, secondly, as the science of the distribution and activities of the Earth's population in response to various social and environmental factors. Systematic studies in Geography examine the locations, distributions, arrangements, and associations between groups of interrelated features. In contrast, regional studies examine the totality of geographic phenomena in a particular area. No matter what approach is taken, there are certain skills and techniques that are of particular geographic relevance (e.g., remote sensing, cartography, Geographic Information Systems).

As a reflection of the diversity that exists within the study of Geography and the special skills required, the Department offers courses within five areas of study: General, Physical Geography, Geomatics (formerly Techniques), Systematic Human Geography, and Regional Geography. One may earn either the 3-Year or 4-Year Bachelor's degree in Arts or Science, as well as the BA Honours or BSc Honours degree. Students pursuing a 3-year or 4-year BSc also have the opportunity to take a Business Stream – a set of core courses in the Faculty of Business that will provide them with the skills needed to enter and succeed in industry and business. See the "Science with a Business Stream" section of this Course Calendar. Students may also earn a 4-Year BA or BSc degree in a joint program in Geography/Geographic Information Systems with Red River College.

Geography offers a considerable variety of career opportunities. High schools require a continuing supply of Geography teachers. Various federal and provincial agencies dealing with conservation, urban planning, recreation, landscape architecture, and resource use also provide opportunities, especially to those with Honours or graduate work in Geography. Undergraduate training in the subject is often required for certain business careers, especially in surveying, market assessment, and location and general commercial development. Training in Geographical Information Systems is especially in demand.

REQUIREMENTS FOR A 3-YEAR BA IN GEOGRAPHY

ADMISSION REQUIREMENT	Students must consult with a member of the Department in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in Geography and specified number of credit hours in other Major subject or program.

Required Courses:

Common Geography Requirement (12 credit hours)
GEOG-1102(3) Introductory Human Geography: People, Culture and Environment
GEOG-1103(3) Introductory Human Geography: Population, Place and Development
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science

Regional Geography Requirement (6 credit hours)
GEOG-3509(3) Canada's Physical and Human Environments

Three (3) credit hours from among the following:
GEOG-2503(3) Manitoba's Physical and Human Environments
GEOG-3216(3) Arctic Environments
GEOG-3508(3) Geographical Issues in the Developing World
GEOG-3510(3) Prairie Landscapes
GEOG-3511(3) Topical Regions in Geography
GEOG-3512(3) The Human Geography of Northern Canada (fulfils the Indigenous Requirement)

Systematic Human Geography Requirement (6 credit hours)
Minimum of 6 credit hours from the Systematic Human Geography group

Electives (6 credit hours)
Minimum 6 additional credit hours from any area of Geography

Combined Major: Minimum 48 credit hours from 2 different Majors with not less than 18 credit hours from each major subject

Prescribed Courses:
GEOG-1102(3) Introductory Human Geography: People, Culture and Environment
GEOG-1103(3) Introductory Human Geography: Population, Place and Development
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science
GEOG-3509(3) Canada's Physical and Human Environments

3 additional credit hours from the Physical Geography Group

REQUIREMENTS FOR A 3-YEAR BSc IN GEOGRAPHY

ADMISSION REQUIREMENT Students must consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 30 credit hours
Major: Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 36 credit hours/Maximum 48 credit hours.
Double Major: Minimum 36 credit hours in Geography and specified number of credit hours in other Major subject or program.

Required Courses:
Common Geography Requirement (12 credit hours)
GEOG-1102(3) Introductory Human Geography: People, Culture and Environment
GEOG-1103(3) Introductory Human Geography: Population, Place and Development
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science

Regional Geography Requirement (3 credit hours)
GEOG-3509(3) Canada's Physical and Human Environments

Physical Geography/Geomatics Requirement (24 credit hours)
GEOG-2304(3) Computer Mapping or **GEOG-2309(3)** Statistical Techniques in Environmental Analysis Analysis or STAT-1301(3) Statistical Analysis or the former STAT-1201(6) Introduction to Statistical Analysis

12 credit hours from among:
GEOG-2207(3) Climatology
GEOG-2210(3) Meteorology
GEOG-2213(3) Introductory Soil Science
GEOG-2214(3) Soil-Vegetation Systems
GEOG-2215(3) Mineralogy and Petrology
GEOG-2216(3) Physical Geology
GEOG-2218(3) Fluvial and Hillslope Processes
GEOG-2219(3) Glacial and Periglacial Processes
GEOG-3210(3) Hydrology

Minimum 9 additional credit hours from the Physical Geography or Geomatics groups (i.e., where the second digit of the course number is a 2 or 3)

External Science Requirement (18 credit hours)
Minimum of 18 credit hours selected from at least two (2) of the Departments of Biology, Applied Computer Science, Chemistry, Mathematics, Physics, and Statistics.

The following courses do *not* qualify:

ACS-1453(3)	Introduction to Computers
ACS-1803(3)	Introduction to Computer-based Systems
BIOL-1102(6)	Biology and Human Concerns
BIOL-1103(6)	Human Biology
BIOL-1005(6)	Concepts in Science
BIOL-1106(3)	Environmental Biology
CHEM-0100(3)	Foundations of Chemistry
CHEM-1801(3)	Headline Chemistry
CHEM-2801(3)	Chemistry and Society
MATH/PHIL-2305(3)	Philosophy and Mathematics
MATH-2901(3)	History of Calculus
MATH-2902(3)	Mathematics Prior to 1640
MATH-2903(3)	Mathematics for Early/Middle Years Teachers I
MULT-1005(6)	Concepts in Science
PHYS- 1005(6)	Concepts in Science
PHYS-1501(6)	Modern Technology
PHYS-1701(6)	Astronomy
PHYS-2705(6)	Cosmology: Science Fact to Science Fiction
PHYS-2812(3)	The Physics of Music

Combined Major: Minimum 48 credit hours from 2 different Majors with not less than 18 credit hours from each major subject

Prescribed Courses:
GEOG-1102(3) Introductory Human Geography: People, Culture and Environment
GEOG-1103(3) Introductory Human Geography: Population, Place and Development
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science
GEOG-3509(3) Canada's Physical and Human Environments

3 additional credit hours from the Physical Geography Group

REQUIREMENTS FOR THE 3-YEAR BSc IN GEOGRAPHY WITH A BUSINESS STREAM

Students must complete the requirements of the 3-year BSc in Geography degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR A 4-YEAR BA IN GEOGRAPHY

ADMISSION REQUIREMENT Students must consult with the Department Advisor in planning their studies.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 66 credit hours.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program.

Required Courses:

Common Geography Requirement (12 credit hours)
- **GEOG-1102(3)** Introductory Human Geography: People, Culture and Environment
- **GEOG-1103(3)** Introductory Human Geography: Population, Place and Development
- **GEOG-1201(3)** Introductory Atmospheric Science
- **GEOG-1202(3)** Introductory Earth Science

Regional Geography Requirement (6 credit hours)
- **GEOG-3509(3)** Canada's Physical and Human Environments

Three (3) credit hours from among the following:
- **GEOG-2503(3)** Manitoba's Physical and Human Environments
- **GEOG-3216(3)** Arctic Environments
- **GEOG-3508(3)** Geographical Issues in the Developing World
- **GEOG-3510(3)** Prairie Landscapes
- **GEOG-3511(3)** Topical Regions in Geography
- **GEOG-3512(3)** The Human Geography of Northern Canada (fulfils the Indigenous Requirement)

Systematic Human Geography Requirement (6 credit hours)
Minimum of 6 credit hours in Systematic Human Geography

Geomatics Requirement (12 credit hours)
- **GEOG-2304(3)** Computer Mapping
- **GEOG-2306(3)** Introduction to Geographic Information Systems
- **GEOG-2309(3)** Statistical Techniques in Environmental Analysis Analysis or STAT-1301(3) Statistical Analysis or the former STAT-1201(6) Introduction to Statistical Analysis
- **GEOG-3330(3)** Research Methods in Geography

Other Requirements
Students must complete a minimum of 48 credit hours in Geography. From the requirements listed, students must ensure to have taken a minimum of 12 credit hours at the upper level (3000 and 4000) Systematic Human or Geomatics courses with a minimum of 6 of those credit hours at the 4000 level.

Combined Major: Minimum 60 credit hours from two (2) different Majors with not less than 24 credit hours from each major subject.

Prescribed Courses:
- **GEOG-1102(3)** Introductory Human Geography: People, Culture and Environment
- **GEOG-1103(3)** Introductory Human Geography: Population, Place and Development
- **GEOG-1201(3)** Introductory Atmospheric Science
- **GEOG-1202(3)** Introductory Earth Science
- **GEOG-3509(3)** Canada's Physical and Human Environments

3 additional credit hours from the Physical Geography Group

REQUIREMENTS FOR A 4-YEAR BSc IN GEOGRAPHY

ADMISSION REQUIREMENT Students must consult with the department advisor in planning their studies.

GRADUATION REQUIREMENT 120 credit hours, that is, 90 credit hours meeting the requirements for the 3-Year BSc plus an additional 30 credit hours.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 57 credit hours/Maximum 78 credit hours.
Double Major:	Minimum 57 credit hours in Geography and specified number of courses in other Major.

Required Courses:

Common Geography Requirement (12 credit hours)
- **GEOG-1102(3)** Introductory Human Geography: People, Culture and Environment
- **GEOG-1103(3)** Introductory Human Geography: Population, Place and Development
- **GEOG-1201(3)** Introductory Atmospheric Science
- **GEOG-1202(3)** Introductory Earth Science

Regional Geography Requirement (3 credit hours)
- GEOG-3509(3) Canada's Physical and Human Environments

Physical Geography/Geomatics Requirement (27 credit hours)
- **GEOG-2304(3)** Computer Mapping
- **GEOG-2306(3)** Introduction to Geographic Information Systems
- **GEOG-2309(3)** Statistical Techniques in Environmental Analysis Analysis or STAT-1301(3) Statistical Analysis or the former STAT-1201(6) Introduction to Statistical Analysis
- **GEOG-2316(3)** Remote Sensing
- **GEOG-3330(3)** Research Methods in Geography

12 credit hours from among
- **GEOG-2207(3)** Climatology
- **GEOG-2210(3)** Meteorology
- **GEOG-2213(3)** Introductory Soil Science
- **GEOG-2214(3)** Soil-Vegetation Systems
- **GEOG-2215(3)** Mineralogy and Petrology
- **GEOG-2216(3)** Physical Geology
- **GEOG-2218(3)** Fluvial and Hillslope Processes
- **GEOG-2219(3)** Glacial and Periglacial Processes
- **GEOG-3210(3)** Hydrology

Additional Requirements (15 credit hours)
Minimum of 3 additional credit hours from the Physical or Geomatics groups.
Minimum of 6 credit hours from the Systematic Human group at the 3000 level
Minimum of 6 credit hours at the 4000 level also from the Systematic Human Group.

External Science Requirement (24 credit hours)
Minimum of 24 credit hours selected from at least two (2) of the Departments of Biology, Applied Computer Science, Chemistry, Mathematics, Physics, and Statistics.

The following courses do *not* qualify:

ACS-1453(3)	Introduction to Computers
ACS-1803(3)	Introduction to Computer-based Systems
BIOL-1005(6)	Concepts in Science
BIOL-1102(6)	Biology and Human Concerns

BIOL-1103(6) Human Biology
BIOL-1106(3) Environmental Biology
CHEM-0100(3) Foundations of Chemistry
CHEM-1801(3) Headline Chemistry
CHEM-2801(3) Chemistry and Society
MATH/PHIL-2305(3) Philosophy and Mathematics
MATH-2901(3) History of Calculus
MATH-2902(3) Mathematics Prior to 1640
MATH-2903(3) Mathematics for Early/Middle Years Teachers I
MULT-1005(6) Concepts in Science
PHYS-1005(6) Concepts in Science
PHYS-1501(6) Modern Technology
PHYS-1701(6) Astronomy
PHYS-2705(6) Cosmology: Science Fact to Science Fiction
PHYS-2812(3) The Physics of Music

Combined Major: Minimum 60 credit hours from 2 different Majors with not less than 24 credit hours from each major subject.
Prescribed Courses:

GEOG-1102(3) Introductory Human Geography: People, Culture and Environment
GEOG-1103(3) Introductory Human Geography: Population, Place and Development
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science
GEOG-3509(3) Canada's Physical and Human Environments

3 additional credit hours from the Physical Geography Group

REQUIREMENTS FOR THE 4-YEAR BSc IN GEOGRAPHY WITH A BUSINESS STREAM

Students must complete the requirements of the 4-year BSc in Geography degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR AN HONOURS BA IN GEOGRAPHY

ADMISSION REQUIREMENT

Students must have completed a minimum of 30 credit hours to qualify for entry into the Honours program.
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., Fs are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT Minimum 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours Minimum 21 credit hours in upper level (3000 and 4000) Honours subject courses of which a minimum of 15 credit hours must be at the 4000 level (including Thesis).
Double Honours:	Student must satisfy the requirements for both the Honours BA in Geography and the requirements for the Honours BA in the second Honours department in consultation with the Geography Department Chair.

Required Courses:

Common Geography Requirement (12 credit hours)

GEOG-1102(3) Introductory Human Geography: People, Culture and Environment
GEOG-1103(3) Introductory Human Geography: Population, Place and Development
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science

Regional Geography Requirement (6 credit hours)

GEOG-3509(3) Canada's Physical and Human Environments

Three (3) credit hours from among the following:

GEOG-2503(3) Manitoba's Physical and Human Environments
GEOG-3216(3) Arctic Environments
GEOG-3508(3) Geographical Issues in the Developing World
GEOG-3510(3) Prairie Landscapes
GEOG-3511(3) Topical Regions in Geography
GEOG-3512(3) The Human Geography of Northern Canada (fulfils the Indigenous Requirement)

Systematic Human Geography Requirement (6 credit hours)

Minimum of 6 credit hours in Human Geography

Geomatics Requirement (12 credit hours)

GEOG-2304(3) Computer Mapping
GEOG-2306(3) Introduction to Geographic Information Systems
GEOG-2309(3) Statistical Techniques in Environmental Analysis Analysis or STAT-1301(3) Statistical Analysis or the former STAT-1201(6) Introduction to Statistical Analysis
GEOG-3330(3) Research Methods in Geography

Thesis Requirement (6 credit hours)

GEOG-4901(6) Honours Geography Thesis - 6 credit hours with a prerequisite of **GEOG-3330(3)** (Research Methods in Geography), 36 credit hours completed in Geography, and a Geography GPA of 3.0.

Other Requirements

Students must complete 54 credit hours in Geography for the major.
Minimum 21 credit hours in upper level (3000 and 4000) Honours subject courses of which a minimum of 15 credit hours (including the thesis) must be at the 4000 level.
Average of 2.5 GPA in non-Geography courses and 3.00 GPA on all attempts in Geography courses (exit requirement).

REQUIREMENTS FOR AN HONOURS BSc IN GEOGRAPHY

ADMISSION REQUIREMENT

Students must have completed a minimum of 30 credit hours to qualify for entry into the Honours program.
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.75 in Non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.75 GPA in all Non-Honours Subject courses will be calculated as for the general degree (i.e., Fs are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT Minimum 120 credit hours

RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities

Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours: Minimum 63 credit hours/Maximum 78 credit hours
Minimum 30 credit hours in upper level (3000 and 4000) Honours Subject courses of which a minimum of 15 credit hours must be at the 4000 level (including Thesis).

Double Honours: Students must satisfy the requirements for both the Honours BSc in Geography and the requirements for the Honours BSc in the second Honours department, in consultation with the Geography Department Chair.

Required Courses

Common Geography Requirement (12 credit hours)

GEOG-1102(3) Introductory Human Geography: People, Culture and Environment
GEOG-1103(3) Introductory Human Geography: Population, Place and Development
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science

Regional Geography Requirement (3 credit hours)

GEOG-3509(3) Canada's Physical and Human Environments

Physical Geography/Geomatics Requirements (45 credit hours)

GEOG-2304(3) Computer Mapping
GEOG-2306(3) Introduction to Geographic Information Systems
GEOG-2309(3) Statistical Techniques in Environmental Analysis or STAT-1301(3) Statistical Analysis or the former STAT-1201(6) Introduction to Statistical Analysis
GEOG-2316(3) Remote Sensing
GEOG-3330(3) Research Methods in Geography

12 credit hours from the following:

GEOG-2207(3) Climatology
GEOG-2210(3) Meteorology
GEOG-2213(3) Introductory Soil Science
GEOG-2214(3) Soil-Vegetation Systems
GEOG-2215(3) Mineralogy and Petrology
GEOG-2216(3) Physical Geology
GEOG-2218(3) Fluvial and Hillslope Processes
GEOG-2219(3) Glacial and Periglacial Processes
GEOG-3210(3) Hydrology

Minimum of 15 additional credit hours of upper level (3000 and 4000) Physical Geography or Geomatics courses (excluding Thesis) with a minimum of 9 credit hours at the 4000 level (excluding Thesis).

Thesis Requirement (6 credit hours)

GEOG-4901(6) Honours Geography Thesis - 6 credit hours with a prerequisite of **GEOG-3330 (3)** (Research Methods in Geography), 36 credit hours completed in Geography, and a Geography GPA of 3.0

External Science Courses (24 credit hours)

Minimum of 24 credit hours selected from at least two(2) of the Departments of Biology, Applied Computer Science, Chemistry, Mathematics, Physics, and Statistics, of which 12 credit hours must be at or above the 2000-level.

The following courses do *not* qualify:

ACS-1453(3)	Introduction to Computers
ACS-1803(3)	Introduction to Computer-based Systems
BIOL-1005(6)	Concepts in Science
BIOL-1102(6)	Biology and Human Concerns
BIOL-1103(6)	Human Biology
BIOL-1106(3)	Environmental Biology
CHEM-0100(3)	Foundations of Chemistry
CHEM-1801(3)	Headline Chemistry
CHEM-2801(3)	Chemistry and Society
MATH/PHIL-2305(3)	Philosophy and Mathematics
MATH-2901(3)	History of Calculus
MATH-2902(3)	Mathematics Prior to 1640
MATH-2903(3)	Mathematics for Early/Middle Years Teachers I
MULT-1005(6)	Concepts in Science
PHYS-1005(6)	Concepts in Science
PHYS-1501(6)	Modern Technology
PHYS-1701(6)	Astronomy
PHYS-2705(6)	Cosmology: Science Fact to Science Fiction
PHYS-2812(3)	The Physics of Music

Grade Point Requirement

GPA of 2.75 in non-Geography courses and 3.00 on all attempts in Geography courses (exit requirement).

Suggested Patterns:

Year 1: **GEOG-1102(3)** Introductory Human Geography; **GEOG-1103(3)** Introductory Human Geography; **GEOG-1201(3)** Introductory Atmospheric Science; **GEOG-1202(3)** Introductory Earth Science
Year 2: 12-18 credit hours in Geography. Recommended: **GEOG-2309(3)** Statistical Techniques in Environmental Analysis **and GEOG-2304(3)** Computer Mapping
Prerequisite course(s) for planned Honours courses.
Year 3: 3-6 credit hours at the 4000 level in Geography.
Year 4: 9-12 credit hours at the 4000 level in Geography, including the Thesis.

4000-level courses from other Departments may be credited toward the Geography Honours Major with ADVANCE WRITTEN APPROVAL from the Department Chair.

Students must consult with the Department Chair to determine whether they fulfill the general regulations for the Honours program.

Students must complete the Honours application form before EACH registration in a 4000-level course.

Students planning to complete a Double Honours degree in Geography must consult with the Department Chair for further details.

REQUIREMENTS FOR THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 4-YEAR BA (JOINT PROGRAM IN GEOGRAPHY / GEOGRAPHIC INFORMATION SYSTEMS)

INTRODUCTION

This is a joint program of study whereby students are required to take courses at both The University of Winnipeg and Red River College. The program is intended to integrate a 4-year University of Winnipeg BA in Geography with the 1-year Red River College Advanced Diploma in Geographic Information Systems, effectively compressing five years of study into four years. The program has been specifically designed to prepare students for careers in industry where practical and theoretical skills are necessary.

Students are normally enrolled at The University of Winnipeg in years one, two, and four, and at Red River College for year three. Students who successfully complete the entire program will receive a 4-Year BA Degree from The University of Winnipeg and an Advanced Diploma from Red River College.

Students are required to complete a minimum of 51 credit hours of study at the University of Winnipeg before starting the Diploma program at Red River College. Student may apply during their second year provided the hours requirement will be met before starting at Red River College. It is recommended that students complete 60 credit hours within their first two years to ensure a smooth transition back to the University of Winnipeg.

Please consult the Chair of the Department of Geography for assistance with degree planning. For information concerning the Red River College component of the program contact Roger Hamelin at 632-2983 or rhamelin@rrc.mb.ca.

ADMISSION REQUIREMENT	Students must meet the entrance requirements for admission to The University of Winnipeg. Application to the program in Geography/Geographic Information Systems must be completed through the Admissions Office of The University of Winnipeg by March 1st in order to enter the program in September.
GRADUATION REQUIREMENT	120 credit hours, that is, 90 credit hours meeting the requirements for the BA General plus 30 additional credit hours.
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Social Science:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses
Distribution:	Minimum of three (3) credit hours from each of five (5) different subjects
4000-level Courses:	Minimum of six (6) credit hours
MAJOR REQUIREMENT FOR THIS JOINT PROGRAM	
Single Major:	Minimum 57 credit hours/Maximum 66 credit hours

UNIVERSITY OF WINNIPEG COURSES

REQUIRED CORE COURSES (30 credit hours):

GEOG-1102(3) Introductory Human Geography: People, Culture and Environment
GEOG-1103(3) Introductory Human Geography: Population, Place and Development
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science
GEOG-2304(3) Computer Mapping
GEOG-2306(3) Introduction to Geographic Information Systems (should be taken before entering RRC Diploma program)
GEOG-2309(3) Statistical Techniques in Environmental Analysis or STAT-1301(3) Statistical Analysis or the former

STAT-1201(6) Introduction to Statistical Analysis
GEOG-2316(3) Remote Sensing (should be taken before entering RRC Diploma program)
GEOG-3306(3) Advanced Geographic Information Systems or **GEOG-3319(3)** Advanced Remote Sensing (should be taken after RRC Diploma Program)
GEOG-3330(3) Research Methods in Geography

OTHER REQUIREMENTS FOR THE 4-YR BA JOINT UW/RRC PROGRAM IN GEOGRAPHY/GIS (27 credit hours):

GROUP A COURSES: Select nine (9) credit hours from this group:
GEOG-2212(3) Natural Hazards
GEOG-2216(3) Physical Geology
GEOG-2213(3) Introductory Soil Science
GEOG-2214(3) Soil-Vegetation Systems
GEOG-3210(3) Hydrology
GEOG-3215(3) Biogeography

GROUP B COURSES: Select six (6) credit hours from this group:
GEOG-2204(3) Human Impact on the Environment
GEOG-2401(3) Agricultural Geography
GEOG-2407(3) Recreation Geography
GEOG-3408(3) Water Resources
GEOG-3508(3) Geographical Issues in the Developing World

GROUP C COURSES: Select six (6) credit hours from this group:
GEOG-3306(3) Advanced GIS (cannot be used for both the required core and Group C courses)
GEOG-3307(3) Advanced Computer Mapping
GEOG-3310(3) Spatial Analysis
GEOG-3319(3) Advanced Remote Sensing (cannot be used for both the required core and Group C courses)
GEOG-4320(3) Projects in Geomatics
GEOG-4321(3) Topics in Geomatics I or
GEOG-4322(3) Topics in Geomatics II

GROUP D COURSES: Select six (6) credit hours from this group:
GEOG-2414(3) The Urban Environment
GEOG-2415(3) An Introduction to Urban Development
GEOG-3402(3) Urbanization in the Developing World
GEOG-4403(3) Urban Land Use: Developmental Processes
GEOG-4404(3) Field Research in Urban Geography
GEOG-4407(3) Advanced Tourism and Recreation Geography

4-YR BA GEOGRAPHY MAJOR REQUIREMENTS: All students in the 4-Yr BA Joint program are reminded that they must meet the requirements of the general 4-Yr BA in Geography, including 6 credit hours of Regional Geography and an overall minimum of 12 credit hours of upper-level (3000 or 4000) Systematic Human or Geomatics courses with a minimum of 6 credit hours at the 4000 level.

RED RIVER COLLEGE COURSES

TERM 1		**RRC credit hours**
CIVG-4021	Remote Sensing	6
CIVG-4022	Statistics for GIS	3
CIVG-4024	Cartography	4
CIVG-4025	GIS Fundamentals	7
CIVG-4026	Programming 1	6
CIVG-4030	Project Management Fundamental	2
CIVG-4032	Surveying	2
CIVG-4034	GIS Applications 1	3
TERM 2		
CIVG-4027	GIS Modeling	4
CIVG-4028	Applied Remote Sensing	3
CIVG-4029	Programming 2	6
CIVG-4031	Spatial Database Management	5
CIVG-4033	Thesis Project	12
CIVG-4035	GIS Applications 2	3

REQUIREMENTS FOR THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 4-YEAR BSc (JOINT PROGRAM IN GEOGRAPHY / GEOGRAPHIC INFORMATION SYSTEMS)

INTRODUCTION

This is a joint program of study whereby students are required to take courses at both The University of Winnipeg and Red River College. The program is intended to integrate a 4-year University of Winnipeg BSc in Geography with the 1-year Red River College Advanced Diploma in Geographic Information Systems, effectively compressing five years of study into four years. The program has been specifically designed to prepare students for careers in industry where practical and theoretical skills are necessary.

Students are normally enrolled at The University of Winnipeg in years one, two, and four and at Red River College for year three. Students who successfully complete the entire program will receive a 4-Year BSc Degree from The University of Winnipeg and an Advanced Diploma from Red River College.

Students are required to complete a minimum of 51 credit hours of study at the University of Winnipeg before starting the Diploma program at Red River College. Student may apply during their second year provided the hours requirement will be met before starting at Red River College. It is recommended that students complete 60 credit hours within their first two years to ensure a smooth transition back to the University of Winnipeg.

Please consult the Chair of the Department of Geography for assistance with degree planning. For information concerning the Red River College component of the program contact Roger Hamelin at 632-2983 or rhamelin@rrc.mb.ca.

ADMISSION REQUIREMENT

Students must meet the entrance requirements for admission to The University of Winnipeg. Application to the program in Geography/Geographic Information Systems must be completed through the Admissions Office of The University of Winnipeg by March 1st in order to enter the program in September.

GRADUATION REQUIREMENT

120 credit hours, that is, 90 credit hours meeting the requirements for the BSc General plus 30 additional credit hours.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses
Distribution:	Minimum of three (3) credit hours from each of five (5) different subjects
4000-level Courses:	Minimum of six (6) credit hours

MAJOR REQUIREMENT

Single Major:	Minimum 57 credit hours/Maximum 66 credit hours

UNIVERSITY OF WINNIPEG COURSES

REQUIRED CORE COURSES (30 credit hours):

- **GEOG-1102(3)** Introductory Human Geography I: People, Culture and Environment
- **GEOG-1103(3)** Introductory Human Geography II: Population, Place and Development
- **GEOG-1201(3)** Introductory Atmospheric Science
- **GEOG-1202(3)** Introductory Earth Science
- **GEOG-2304(3)** Computer Mapping
- **GEOG-2306(3)** Introduction to Geographic Information Systems (should be taken before entering RRC Diploma Program)
- **GEOG-2309(3)** Statistical Techniques in Environmental Analysis Analysis or STAT-1301(3) Statistical Analysis or the former STAT-1201(6) Introduction to Statistical Analysis
- **GEOG-2316(3)** Remote Sensing (should be taken before entering RRC Diploma program)
- **GEOG-3306(3)** Advanced Geographic Information Systems or **GEOG-3319(3)** Advanced Remote Sensing (should be taken after RRC Diploma Program)
- **GEOG-3330(3)** Research Methods in Geography

OTHER REQUIREMENTS FOR THE 4-YR BSc JOINT UW/RRC PROGRAM IN GEOGRAPHY/GIS (27 credit hours):

GROUP A COURSES: Select twelve (12) credit hours from this group:

- **GEOG-2207(3)** Climatology
- **GEOG-2210(3)** Meteorology
- **GEOG-2213(3)** Introductory Soil Science

GEOG-2214(3) Soil-Vegetation Systems
GEOG-2215(3) Mineralogy and Petrology
GEOG-2216(3) Physical Geology
GEOG-2218(3) Fluvial and Hillslope Processes
GEOG-2219(3) Glacial & Periglacial Processes

GROUP B COURSES: Select three (3) credit hours from this group:
GEOG-2212(3) Natural Hazards
GEOG-3210(3) Hydrology
GEOG-3215(3) Biogeography

GROUP C COURSES: Select three (3) credit hours from this group:
GEOG-4203(3) Topics in Climatology
GEOG-4212(3) Topics in Earth Science
GEOG-4231(3) Topics in Biogeography
GEOG-4232(3) Conservation

GROUP D COURSES: Select three (3) credit hours from this group:
GEOG-3306(3) Advanced GIS (cannot be used for both the required core and Group D courses)
GEOG-3307(3) Advanced Computer Mapping
GEOG-3310(3) Spatial Analysis
GEOG-3319(3) Advanced Remote Sensing (cannot be used for both the required core and Group D courses)
GEOG-4320(3) Projects in Geomatics
GEOG-4321(3) Topics in Geomatics I or
GEOG-4322(3) Topics in Geomatics II

NON-GEOGRAPHY SCIENCE REQUIREMENTS Minimum of 24 credit hours selected from at least two of the Departments of Biology, Applied Computer Science, Chemistry, Mathematics, Physics, and Statistics (for some restrictions, refer to the General Calendar)

4-YR BSc GEOGRAPHY MAJOR REQUIREMENTS: All students in the 4-Yr BSc Joint program are reminded that they must meet the requirements of the general 4-Yr Bsc in Geography, including an overall minimum of 12 credit hours of upper-level (3000 or 4000) Physical Geography or Geomatics courses with a minimum of 6 credit hours at the 4000 level.

RED RIVER COLLEGE COURSES

TERM 1		**RRC credit hours**
CIVG-4021	Remote Sensing	6
CIVG-4022	Statistics for GIS	3
CIVG-4024	Cartography	4
CIVG-4025	GIS Fundamentals	7
CIVG-4026	Programming 1	6
CIVG-4030	Project Management Fundamental	2
CIVG-4032	Surveying	2
CIVG-4034	GIS Applications 1	3
TERM 2		
CIVG-4027	GIS Modeling	4
CIVG-4028	Applied Remote Sensing	3
CIVG-4029	Programming 2	6
CIVG-4031	Spatial Database Management	5
CIVG-4033	Thesis Project	12
CIVG-4035	GIS Applications 2	3

REQUIREMENTS FOR A MINOR IN GEOGRAPHY

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement: Minimum 12 credit hours in the Minor subject

Required courses for Human Geography Minor:

GEOG-1102 Introductory Human Geography: People, Culture and Environment (3 credit hours)
GEOG-1103 Introductory Human Geography: Population, Place and Development (3 credit hours) GEOG-2304 Computer Mapping (3 credit hours)

Elective:
Any six (6) credit hours at the 2000 level in Human Geography, Regional, or Geomatics
Any three (3) credit hours at the 3000 level or higher in Human Geography, Regional or Geomatics

Required courses for Physical Geography Minor:
GEOG-1201 Introductory Atmospheric Science (3 credit hours)
GEOG-1202 Introductory Earth Science (3 credit hours)
GEOG-2304 Computer Mapping (3 credit hours)

Elective
Any six (6) credit hours at the 2000 level in Physical Geography or Geomatics
Any three (3) credit hours at the 3000 level or higher in Physical Geography or Geomatics

GENERAL INFORMATION

Geography Courses Which Satisfy the Science Requirement
The Science requirement for BA, BBA and BKin degrees will be satisfied by 6 credit hours from the following courses:

GEOG-1201(3)	Introductory Atmospheric Science
GEOG-1202(3)	Introductory Earth Science
GEOG-2201(6)	Geomorphology
GEOG-2207(3)	Climatology
GEOG-2210(3)	Meteorology
GEOG-2213(3)	Introductory Soil Science
GEOG-2214(3)	Soil-Vegetation Systems
GEOG-2215(3)	Mineralogy and Petrology
GEOG-2216(3)	Physical Geology
GEOG-2218(3)	Fluvial and Hillslope Processes
GEOG-2219(3)	Glacial and Periglacial Processes
GEOG-3210(3)	Hydrology
GEOG-2304(3)	Computer Mapping
GEOG-2306(3	Introduction to Geographic Information System
GEOG-2316(3)	Introduction to Remote Sensing
GEOG-3215(3)	Biogeography
GEOG-3306(3)	Advanced Geographic Information System
GEOG-3307(3)	Advanced Computer Mapping
GEOG-3319(3)	Advanced Remote Sensing
GEOG-4203(3)	Topics in Climatology
GEOG-4212(3)	Topics in Earth Sciences
GEOG-4231(3)	Topics in Biogeography
GEOG-4320(3)	Projects in Geomatics
GEOG-4321(3)	Topics in Geomatics I
GEOG-4322(3)	Topics in Geomatics II

Geography Courses Which Satisfy the Social Science Requirement for 4-year BA, BBA and BKin degrees
The Social Science requirement will be satisfied by 12 credit hours from courses in Systematic Human and/or Regional Geography (i.e. courses for which the second digit of the course number is a 4 or 5).

4000-Level Courses: Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses). Permission of the department is required for each 4000-level course.

COURSE LISTINGS

Geography courses are categorized into five major groups: General, Physical, Geomatics, Human, and Regional. Courses are distinguished by the use of the second digit in the course number as follows:

General	Second digit is 1 (e.g. 1102(3) Introductory Human Geography: People, Culture and Environment)
Physical	Second digit is 2 (e.g. 1201(3) Introductory Atmospheric Science)
Geomatics	Second digit is 3 (e.g. 2309(3) Statistical Techniques in Environmental Analysis)
Human	Second digit is 4 (e.g. 2407(3) Recreation Geography)
Regional	Second digit is 5 (e.g. 2503(3) Manitoba's Physical and Human Environments)

Beyond the minimum requirements for each degree, students may choose courses which provide a coherent specialization within the discipline. Guidelines to assist in this selection are included in the Departmental brochure, which is published annually and available from the Department secretary in 5L02.

INTRODUCTORY AND GENERAL COURSES

GEOG-1102(3)	Introductory Human Geography: People, Culture and Environment
GEOG-1103(3)	Introductory Human Geography: Population, Place and Development
GEOG-1201(3)	Introductory Atmospheric Science
GEOG-1202(3)	Introductory Earth Science

PHYSICAL GEOGRAPHY COURSES

GEOG-2204(3)	Human Impact on the Environment
GEOG-2207(3)	Climatology
GEOG-2210(3)	Meteorology
GEOG-2212(3)	Natural Hazards
GEOG-2213(3)	Introductory Soil Science
GEOG-2214(3)	Soil-Vegetation Systems
GEOG-2215(3)	Mineralogy and Petrology
GEOG-2216(3)	Physical Geology
GEOG-2218(3)	Fluvial and Hillslope Processes
GEOG-2219(3)	Glacial and Periglacial Processes
GEOG-3204(3)	Climate Change and Variability

GEOG-3210(3) Hydrology
GEOG-3211(3) Karst and Coastal Geomorphology
GEOG-3213(3) Sedimentology
GEOG-3215(3) Biogeography
GEOG-3216(3) Arctic Environments
GEOG-3217(3) Tropical Environments
GEOG-3219(3) Quaternary Environments
GEOG-4203(3) Topics in Climatology
GEOG-4212(3) Topics in Earth Sciences
GEOG-4231(3) Topics in Biogeography
GEOG-4702(3) Directed Readings in Physical Geography
GEOG-4801(3) Geography Field Seminar
GEOG-4901(6) Honours Geography Thesis

GEOMATICS COURSES

GEOG-2304(3) Computer Mapping
GEOG-2306(3) Introduction to Geographic Information Systems
GEOG-2309(3) Statistical Techniques in Environmental Analysis
GEOG-2316(3) Remote Sensing
GEOG-3306(3) Advanced Geographic Information Systems
GEOG-3307(3) Advanced Computer Mapping
GEOG-3319(3) Advanced Remote Sensing
GEOG-3330(3) Research Methods in Geography
GEOG-4320(3) Projects in Geomatics
GEOG-4321(3) Topics in Geomatics I
GEOG-4322(3) Topics in Geomatic II
GEOG-4703(3) Directed Readings in Geomatics
GEOG-4901(6) Honours Geography Thesis

SYSTEMATIC HUMAN GEOGRAPHY COURSES

GEOG-2401(3) Agricultural Geography
GEOG-2407(3) Recreation Geography
GEOG-2408(3) Environmental Perception and Human Behaviour
GEOG-2409(6) Energy, Resources and Economic Development
GEOG-2410(3) Selling Places: Geography of Marketing Tourism
GEOG-2411(3) Geography of Globalization
GEOG-2412(3) A Geographical Perspective on Tourism
GEOG-2414(3) The Urban Environment
GEOG-2415(3) An Introduction to Urban Development
GEOG-2416(3) Sex, Gender, Space and Place
GEOG-2417(3) An Introduction to Economic Geography
GEOG-2419(3) Resource Development and the Canadian Environment
GEOG-2431(3) Population Geography
GEOG-3402(3) Urbanization in the Developing World
GEOG-3408(3) Water Resources
GEOG-3411(3) Heritage Conservation and Tourism
GEOG-3413(3) Urban Revitalization: Rebuilding of Decaying Cities
GEOG-3415(3) Contested Space: A Geography of Place
GEOG-3430(3) Housing and the Neighbourhood
GEOG-3431(3) Health Geography
GEOG-3432(3) Urban and Community Planning
GEOG-3443(3) Advanced Tourism
GEOG-3445(3) Power, Knowledge, Geography
GEOG-4403(3) Urban Land Use: Developmental Processes
GEOG-4404(3) Field Research in Urban Geography
GEOG-4409(3) Architecture and City Planning
GEOG-4441(3) Advanced Studies in Environmental Perception
GEOG-4443(3) Advanced Tourism
GEOG-4445(3) Power, Knowledge, Geography
GEOG-4450(3) Environment and Sustainability I
GEOG-4701(3) Directed Readings in Human Geography
GEOG-4801(3) Geography Field Seminar
GEOG-4901(6) Honours Geography Thesis

EXPERIMENTAL COURSES

GEOG-3218(3) Global Biogeochemical Cycles
GEOG-4215(3) Projects in Earth Science
GEOG-4219(3) Physical Geography Seminar

REGIONAL GEOGRAPHY COURSES

Students are reminded that Geography 1102(3) and 1103(3), 1201(3), and 1202(3) provide appropriate background for all regional courses. Students lacking first year geography and wishing to take a regional course should consult the Instructor concerned.

GEOG-2503(3) Manitoba's Physical and Human Environments
GEOG-3508(3) Geographical Issues in the Developing World
GEOG-3509(3) Canada's Physical and Human Environments (Required for all Geography degrees, except the GIS Joint programs)
GEOG-3510(3) Prairie Landscapes
GEOG-3511(3) Topical Regions in Geography
GEOG-3512(3) The Human Geography of Northern Canada

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

GERMAN-CANADIAN STUDIES (GCS)

Updated Jan 4, 2018

Chair: Professor A. Freund
The establishment of the Chair in German-Canadian Studies was made possible through the generous gifts of the Ernst Hansch, Martin Bergen, Rubin and Christel Spletzer families and Ernie Keller, and the Federal Department of the Secretary of State.

INTRODUCTION

The Chair in German-Canadian Studies was established to give students an opportunity to study the history and culture of German-speaking immigrants and their descendants in Canada and around the world. As an interdisciplinary program, German-Canadian Studies encompass approaches from all the disciplines in the humanities and social sciences, but has been influenced particularly by History and Literature. In the courses and seminars students seek to understand the worldwide migrations from German-speaking Europe and the multiple migrations of German-speakers from all over the world to Canada. One major focus is the study of German immigrants' various forms of acculturation and identity-formation in Canada.

Course offerings are listed within the Department of History. Credit can be obtained towards the Major programs of both the History and German Studies Departments.

Students will find courses in German-Canadian Studies a useful and informative addition to a liberal arts education. While the Program itself is not aimed at any particular vocational preparation, the background it provides will be especially relevant to students interested in the complexities of migration, immigration, and multiculturalism as well as to students of a German ethnic background. The courses also prepare students who intend to write MA theses and PhD dissertations in German-Canadian Studies. Students may choose some area of German-Canadian Studies to pursue further scholarly work in such disciplines as German Studies, History, and Sociology.

COURSE LISTINGS

Students are advised to consult the appropriate Timetable or WebAdvisor for courses offered during the current term.

HIST-1015/(3)	Atlantic World: Europe and the Americas 1700-1989
HIST-2133(3)	Global Migration History
HIST-2331(3)	History of Modern Germany
HIST-3130(3)	History of International Migration: The German Experience
HIST-3560(6)	The German-Canadian Presence in Canadian History
HIST-3561(3)	German-Canadian Identity—Historical Perspectives
HIST-4130(6)	History and Memory

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called "All course descriptions" in the "Academic Calendar" section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

GERMAN STUDIES (GERM)

Updated January 31, 2018

Chair of Modern Languages & Literatures: Professor S.A. Viselli; Assistant Professor: K. Lovrien-Meuwese

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Minor

INTRODUCTION

The modern German language was born in the 16th century when two groups of dialects known as Frankish and Alemannic merged into a single language. As a result of the wide circulation of Martin Luther's German translation of the Bible (1534), the new language quickly grew in influence and prestige.

First taught as a language of culture, German was the mother tongue of many brilliant writers such as Goethe, Schiller, Kafka, Thomas Mann, Bertolt Brecht and Günter Grass and many well-known composers such as Bach, Mozart, Beethoven, Schumann, Wagner and Mahler. From the 18th century onwards, German has been at the forefront of intellectual inquiry, German-speaking intellectuals having shaped the Humanities with philosophers such as Kant, Hegel, Nietzsche and Heidegger, political thinkers such as Marx, Engels, Nietzsche and Hannah Arendt, psychoanalysts such as Freud and Jung and philologists (linguists) such as Humboldt, Schlegel, Schleicher and Grimm.

German is key to understanding the complexities of 20th century European history, culture and identity, given Germany's role in World Wars I and II, the Holocaust, the Cold War, the collapse of communism in Eastern Europe and the evolution of the European Union (EU) following the reunification of East and West Germany. Now spoken by over 100 million people in Germany, Austria and Switzerland, German has more native speakers than any other European language and is second only to English as the language of business within the European Union.

Here in Canada, German occupies an important place in Manitoba's linguistic and cultural mosaic due to multiple migrations of German-speakers from around the world. Not surprisingly, the University of Winnipeg boasts a **Chair in German-Canadian Studies** and a **Chair in Mennonite Studies,** established to promote the study of the history and culture of German-speaking immigrants.

Acquiring a second language will enrich your life and open up many career opportunities. Whether your goals include visiting the castles and beer gardens of Europe, enjoying a performance of Mozart's *Magic Flute* in the original, watching a film by Wim Wenders, rediscovering your heritage, reading the works of Wittgenstein, delving into the legacy of the Cold War, analysing Freud or embarking on an international career in business, commerce or finance, learning German is a definite asset. But if you plan to continue on to graduate studies in the Humanities, learning German is a must! Given the prominence of the German tradition of research in the Humanities, German is one of the **required** languages for many PhD programs.

In the department of **Modern Languages and Literatures**, we offer the 3 or 4-year BA (Major or Combined Major) in German Studies with challenging courses where you will discuss topics of current interest, reflect on problems of the modern world, explore the culture of Germany, Austria and Switzerland and read short literary texts dealing with the social and political issues of our time. As you develop your command of oral and written German, you will also develop the cultural understanding that is needed in the global community.

Each year, UW students have the opportunity to take part in our exchange program with the University of Bamberg in Germany. If you are interested, contact the German Studies coordinator for further information.

REQUIREMENTS FOR A 3-YEAR BA IN GERMAN STUDIES

ADMISSION REQUIREMENT — Students must consult with the Department advisor in planning their course of study.

GRADUATION REQUIREMENT — 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 30 credit hours/ Maximum 48 credit hours.
Double Major:	Minimum 30 credit hours in German Studies and specified number of credit hours in the other Major subject or program.
Required courses:	**GERM-2109(3)** Advanced Intermediate German I Minimum of 6 credit hours in German Studies at the 3000 level

Combined Major:	Minimum 48 credit hours from two (2) different Major subjects with not less than 18 credit hours from each Major subject.
Required Courses:	**GERM-2109(3)** Advanced Intermediate German I

REQUIREMENTS FOR A 4-YEAR BA IN GERMAN STUDIES

ADMISSION REQUIREMENT Students must consult with the Department Advisor in planning their studies. Students must have completed at least 30 credit hours in German Studies.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 66 credit hours.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program.
Required courses:	**GERM-2109(3)** Advanced Intermediate German I Minimum of 12 credit hours in German Studies at the 3000 level
Combined Major:	Minimum 60 credit hours from two (2) different Major subjects with not less than 24 credit hours from each Major subject.
Required Courses:	**GERM-2109(3)** Advanced Intermediate German I Minimum of 3 credit hours in German Studies at the 3000 level

REQUIREMENTS FOR A MINOR IN GERMAN STUDIES

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement:	Minimum 12 credit hours in the Minor subject
Required courses:	GERM-2109 or GERM-2209
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

COURSE LISTINGS

Students are advised to consult WebAdvisor or the appropriate Timetable for courses available in the upcoming term.
Note: All German Studies courses may be used to fulfill the Humanities Requirement.
Note: All students registering for their first German Studies course *must* consult a department advisor.
Note: GERM-2101(3), GERM-2102(3), GERM-2303(3), and GERM-2906(3) are given in English. GERM-1001(6) and GERM-2001(6) are given in German as much as possible. All other courses are given in German.

Language and Linguistics Courses

GERM-1001(6)	Introductory German
GERM-2001(6)	Intermediate German
GERM-2109(3)	Advanced Intermediate German I
GERM-2110(3)	Advanced Intermediate German II
GERM-2114(3)	English-German Translation
GERM-2115(3)	German-English Translation
GERM-2202(3)	German Phonetics
GERM-3401(3)	Business German
GERM-3403(3)	German Lexicology
GERM-3404(3)	History of the German Language
GERM-3858(3)	The Acquisition of German as an Additional Language

Culture and Literature Courses

GERM-3101(3)	Studies in German Culture I
GERM-3102(3)	Studies in German Culture II

GERM-2209(3) Introduction to German Literature
GERM-2386(3) German Culture Through Film
GERM-3113(3) Exploring Language and Society through Texts
GERM-3906(3) Studies in German Literature

Courses in German Cultural History in English
(Cross-listed with History)
GERM-2101(3) Studies in German Culture I
GERM-2102(3) Studies in German Culture II
GERM-2303(3) The Child in Europe

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

HISTORY (HIST)

Updated Jan 31, 2018

Chair: Associate Professor J. Hanley**;** Professors: D. Abreu-Ferreira, A. Freund, S. Keshavjee, R.K. Loewen, M.J. McCallum, A.R. McCormack, M. Meuwese, J. Yaremko; Associate Professors: E. Alexander, R. Bohr, A-L. Caudano, R. Eyford , C. LaBrecque, P. Lawrie, A. Seyhun, E. Sibanda , J. Thiessen, S. Wall, A. Zayarnyuk.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor
Joint Master's Program (Please see *Graduate Studies Academic Calendar*.)

INTRODUCTION

The study of History deals with the past— it interprets human affairs and institutions as they change in time. The University of Winnipeg's History Department offers courses which are designed to lead students, in stages, to an understanding of the historian's craft and of the historical process.

The History Department's program of study is organized into four levels that provide a natural progression from generalized to more specialized study in a particular area of interest.

The 1000-level courses are intended to introduce students to the discipline and the skills necessary for the study of history. Several different 1000-level courses are available in any given year and cater to a wide variety of interests. Courses at the 2000 level are broad surveys, and provide a general examination of the major themes in a number of different areas of study including world history, social and thematic histories, the history of science and the history of art. Courses at the 3000 level pursue, in greater detail, one or more of the themes explored in the general surveys. Their purpose is to provide the student with deeper insight into the processes of historical thought, research and writing. They also promote group discussion and permit the student to present his/her work orally to fellow students. Courses at the 4000 level are Honours seminars intended for upper level students. In a small group setting, students examine the relevant literature on historical issues and present their own research to the seminar for discussion.

Most graduates with degrees in history find that the skills they have developed—critical analysis, writing reports, and small group discussion—serve them well in the worlds of government, business and law. Some history graduates choose to pursue a career in education, while others find career opportunities in libraries, archives and public history institutions such as museums.

REQUIREMENTS FOR A 3-YEAR BA IN HISTORY

ADMISSION REQUIREMENT	Students must consult with a Department Advisor in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in History and specified number of credit hours in the other department/program.
Required courses:	6 credit hours at the 1000 level in History. 12 credit hours at the 2000 level in History 12 credit hours at the 3000 level in History
Distribution:	Minimum three (3) credit hours from each of three (3) Areas of Study.
Combined Major:	Minimum of 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject. In addition to 6 credit hours at the 1000 level in History, combined major students require a minimum of 6 credit hours at the 2000 level in History and 6 credit hours at the 3000 level in History.

REQUIREMENTS FOR A 4-YEAR BA IN HISTORY

ADMISSION REQUIREMENT Students must have minimum 30 credit hours completed previously.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours in Science
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in .designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 66 credit hours.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program.
Required courses:	6 credit hours at the 1000 level in History **HIST-3001(6)** Practice and Philosophy of History. 6 credit hours in Pre-Industrial Period (any area). 6 credit hours in Canadian History (not the same course as Pre-Industrial Period selection)
Distribution:	Minimum three (3) credit hours from each of four (4) Areas of Study. One Area of Study should be carried through 2000 and 3000-level courses or above.

Note: For the requirement of 6 credit hours in the Pre-Industrial Period, in addition to courses with the "2" as the second digit, the following courses are acceptable:

All History/Classics cross-listed courses;

HIST-2108(3)/ MENN-2101(3)	Mennonite Studies I
HIST-2323(3)	Studies in German Culture I
HIST-2503(3)	Survey History of Canada: The Colonial Era; 1500-1867
HIST-3611(6)	Colonial America; 1492-1783
HIST-3840(3/6)	Seventeenth Century Art
HIST-3841(3/6)	Arts of the Middle Ages
HIST-3842(3/6)	Italian Renaissance Art
HIST-3843(3/6)	Northern Renaissance Art
HIST-3903(3)	Classical & Medieval Science

For the requirement of 6 credit hours in Canadian History at the 2000 level or above, in addition to courses with "5" as the second digit, the following courses are acceptable:

HIST-2801(6)	History of Canadian Art
HIST-3805(3/6)	Arts of the Arctic
HIST-3807(3/6)	Topics in Twentieth and Twenty-first-Century Canadian Art
HIST-3814(3/6)	Indigenous Art

Normally the requirements for the Major should be fulfilled with half of the History courses at the 3000 level or above. Students must consult with a Department Advisor in planning their curriculum.

Combined Major:	Minimum of 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Required courses:

6 credit hours at the 1000 level in History
6 credit hours at the 2000-level in History
6 credit hours at the 3000-level in History

REQUIREMENTS FOR AN HONOURS BA IN HISTORY

ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.
Entry, continuing, and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.

The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).
Students in the Honours program must have approval of the Department Chair.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours**,** including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at 4000 level**.**

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject, including 6 credit hours at the 1000 level in History **HIST-3001(6)** Practice and Philosophy of History 12 credit hours at the 2000 or 3000 level in History. 36 credit hours at the 3000-level and above, including **HIST-3001(6)** Practice and Philosophy of History and a minimum of 24 credit hours at the 4000 level.
Distribution:	Minimum three (3) credit hours from each of four (4) Areas of Study.
Double Honours:	Minimum 36 credit hours in each Honours subject, including 6 credit hours at the 1000 level in History 12 credit hours at the 2000 or upper level in History, including **HIST-3001(6)** Practice and Philosophy of History. 18 credit hours minimum at the 4000 level in the History component of the Double Honours. For the requirements of the other Honours subject consult the department involved.
Distribution:	Minimum three (3) credit hours from each of four (4) Areas of Study.

Suggested Pattern of Study:
Single Honours:

Year 1:	6 credit hours at the 1000 level in History
Year 2:	**HIST-3001(6)** Practice and Philosophy of History and 6 credit hours at either the 2000 or 3000 level in History.
Year 3:	6 credit hours at the 3000 level in History, 12 credit hours at the 4000 level in History.
Year 4:	6 credit hours at the 3000 level in History, 12 credit hours at the 4000 level in History.

Double Honours:

Year 1	6 credit hours at the 1000 level in History
Year 2:	**HIST-3001(6)** Practice and Philosophy of History and 6 credit hours at either the 2000 or upper level in History.
Year 3:	12 credit hours at the 4000 level in History.
Year 4:	6 credit hours at the 4000 level in History.

REQUIREMENTS FOR A MINOR IN HISTORY

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level.
Residence Requirement:	Minimum 12 credit hours in History.
Required Courses:	6 credit hours at the 1000 level in History 12 credit hours from any of the following: a) All History courses at the 2000-level or above including cross-listed courses. b) A maximum of 6 credit hours of directed readings or tutorial courses in History may be counted toward the minor with the permission of the Department Chair.
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Prerequisites
Students who are not History Majors are welcome to select 1000-, 2000-, and 3000-level courses.

1000-Level Courses
Only 6 credit hours at the1000-level in History may be used as credit towards graduation.

Graduate Studies
The History Department also offers Graduate Study as part of a Joint Master's Program with the University of Manitoba. For details see the *Graduate Studies* section of this Calendar.

4000-Level Courses: Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).
Permission of the Department is required for each 4000-level course.

Re-numbering of Courses
Since 1988, the Department has renumbered many courses. Students may not receive credit for a currently-listed course if they have already completed it under its former number.

The Department of History has organized its courses into areas of specialization. These divisions are provided as guidelines to the Areas of Study available for concentration. **Areas of Study** are identified by the second digit in the course number as follows:

0 Introductory
1 World History
2 Pre-Industrial Europe
3 Modern Europe
4 Asia
5 Canadian History
6 American History
7 Africa
8 History of Art
9 History of Science

COURSE LISTINGS

INTRODUCTORY COURSES
Note: Only 6 credit hours at the 1000 level in History **may be used as credit towards graduation.**

HIST-1006(3) Indigenous History to 1900: Origins, Contact, Colonialism
HIST-1007(3) Indigenous History since 1900: Racism, Resistance, Renewal
HIST-1008(3) Colonial Genocides and Indigenous History
HIST-1009(3)/IS-1016(3) Introduction to Indigenous Studies: Art, Culture and History
HIST-1011(3) Cross Currents in Global Art
HIST-1014(3) Europe and the Mediterranean World to 1700
HIST-1015(3) The Atlantic World: Europe and the Americas, 1700-1989

2000-LEVEL

HIST-2080(3)/ The History of Archaic Greece
CLAS-2301 (3)
HIST-2081/(3) The History of the Roman Republic
CLAS-2303(3)
HIST-2089(3)/ The History of Classical Greece
CLAS-2302(3)
HIST-2090(3)/ Topics in Classical Studies
CLAS-2010(3)
HIST-2097(3)/ The History of the Roman Empire
CLAS-2304(3)
HIST-2099(3)/ The Roman Army
CLAS-2950(3)
HIST-2108(3)/ Mennonite Studies I
MENN-2101(3)
HIST-2109(3)/ Mennonite Studies II
MENN-2102(3)
HIST-2110(6) The Twentieth Century World
HIST-2112(6) War as a Social Institution
HIST-2113(6) A History of Slavery
HIST-2114(3) From Columbus to Cook
HIST-2116(6) Survey History of Latin America
HIST-2117(3) History of Brazil
HIST-2118(3) Modern Mexico: From Acapulco to Zapatistas
HIST-2120(3) Business History
HIST-2121(3) Environmental History of the Americas
HIST/IDS-2130(6) History of the Developing World
HIST/MENN/CRS-2131(3) History of Peace and Nonviolence I
HIST/MENN/CRS-2132 History of Peace and Nonviolence II
HIST-2133(3) Global Migration History
HIST-2170(6) Islam and the West
HIST-2171(3) Islam, Oil and War in the Modern Middle East
HIST-2190(3)/ Theatre History I
THFM-2401(3)
HIST-2191(6)/ History of Film
THFM-2410(6)
HIST-2192(6)/ History of Fashion and Dress
THFM-2406(6)
HIST-2211(3) Europe in the Middle Ages 300-1350
HIST-2212(3) Europe between the Medieval and Modern Worlds 1350-1650
HIST-2213(3) Women in Pre-Industrial Europe
HIST-2214(6) Europe in the Middle Ages
HIST-2215(3) History of the Byzantine Empire
HIST-2226(3) The History of Sexuality from Antiquity to the Middle Ages
HIST-2302(3) History of Britain, 1815-1990
HIST/GERM-2303(3) The Child in Europe

HIST-2313(6) Modern European Society
HIST-2316(6) History of Britain from 1485
HIST-2323(3) Studies in German Culture I
GERM-2101(3)
HIST-2324(3) Studies in German Culture II
GERM-2102(3)
HIST-2325(3/6) Russia to 1917
HIST-2326(3/6) Russia since 1917
HIST-2327(3) The History of Sexuality from the Renaissance to the Present
HIST-2328(3) Anti-Semitism and the Holocaust
HIST-2329(3) Women in Modern Europe
HIST-2330(3) Europe since 1945
HIST/GERM-2331(3) History of Modern Germany
HIST-2411(6) History of Asia Since 1500
HIST-2413(3) South Asia Since 1500
HIST-2414(3) History of East Asia Since 1500
HIST-2500(6) History of Canada to 1939
HIST-2503(3) Survey History of Canada: The Colonial Era, 1500-1867
HIST-2504(3) Survey History of Canada: The National Era, 1867-1939
HIST-2505(3) Survey History of Canada: The Modern Era, 1939 to the Present
HIST-2509(6) History of the Indigenous Peoples of Canada
HIST-2510(3) Indigenous Peoples of Canada to 1815
HIST-2511(3) Indigenous Peoples of Canada since 1815
HIST-2512(3)/HR-2200(3) History of Human Rights in Canada
HIST-2514(3) History of Canadian Education
HIST-2516(3) History of Indigenous Education: Residential Schools and Beyond
HIST-2600(6) History of the United States from 1607
HIST-2700(6) History of Africa
HIST-2800(6) History of European Art
HIST-2801(6) Rethinking Canadian Art
HIST-2802(3/6)/REL-2901(3) Art in Non-Christian Religions
HIST-2804(3) Secrets of Museums: A Critical Inquiry into the Origins and Culture of Western Museums
HIST-2900(6) History of Science
HIST-2901(6) History of Technology
HIST-2912(3) The History of Modern Medicine

3000-Level

HIST-3001(6) Practice and Philosophy of History
HIST-3002(3/6) Tutorial
HIST-3005(6) Introduction to Oral History
HIST/CLAS-3006(3) Topics in Ancient History
HIST-3007(6) Topics in History of Food
HIST-3009(3) Eras
CLAS-3850/4850

HIST-3011(3) Kingdoms and City-States in the Greek and Roman Worlds
CLAS-3830/4830

HIST-3101(6) History of the Ottoman Empire
HIST/MENN-3108(3) Gender and Mennonites
HIST/MENN-3110(3) Russia and the Mennonites
HIST/MENN-3111(3) Conflict and Mennonites
HIST-3112(6) Militarism in the Modern World
HIST-3113(6) Personalities and Modern Revolution
HIST/MENN-3114(3) Latin America and the Mennonites
HIST-3115(6) The History of Spanish American Political Culture
HIST/MENN-3116(3) Mennonites and World Issues
HIST-3117(6) Columbus to Castro, a History of Cuba 1492 - Present
HIST-3118(3) South Asian Diaspora Since 1800
HIST-3119(3) Indigenous Peoples and Christian Missions
HIST-3121(3) Women in the Modern World
HIST-3125(3) Topics in Contemporary Latin American History
HIST-3128/(3) MENN-3128 Indigenous-Mennonite Relations
HIST-3130(3) History of International Migration: The German Experience
HIST/BUS-3135(6) The Hudson's Bay Company and the Modern Department Store
HIST-3140(3)/CLAS-3310(3) Alexander the Great
HIST-3170(3) History of Law in Islamic Society
HIST-3190(3)/ Theatre History IIITHFM-3401(3)
HIST-3208(3) Crusades and Crusaders in the Middle Ages
HIST-3209(3) Travel and Encounters in the Middle Ages
HIST/MENN-3212(3) Fact, Fiction and Images: Interpreting Manitoba Mennonites
HIST-3213(3) Environmental History of Europe in the Middle Ages
HIST-3216(3)/MENN-3102(3) Luther, Zwingli, and the Radical Reformers
HIST-3218(3) Topics in the Enlightenment
HIST-3220(3) Women in Medieval Europe, 800-1350
HIST-3221(3) Women in the Renaissance, 1350-1550
HIST-3222(3) Women in Early Modern Europe, 1550-1750
HIST-3223(3) Children and Childhood in Pre-Modern Europe
HIST-3224(3) Crime and Conflict in Pre-Modern Europe
HIST-3225(3) Slaves, Serfs, and Servants in Pre-Modern Europe
HIST-3310(3/6) Topics in Modern Ukrainian History
HIST-3314(6) Recent European History
HIST-3315(6) European Power Politics
HIST-3317(3) Topics in Russian and Soviet History
HIST-3320(3) Topics in Russian Intellectual History
HIST-3406(6) Colonialism and Nationalism in India
HIST-3408(3) Women's History in South Asia
HIST-3515(6)/ANTH-3126(6) Material Culture in the History of the Indigenous Peoples of Canada
HIST-3518(3)/ANTH-3127(3) History of the Indigenous Peoples of the Northern Plains
HIST-3519(3) Indigenous Peoples and Treaties
HIST-3522(3)/ANTH-3120(3) Indigenous Peoples of Arctic Canada

HIST/IS/WGS-3523(3) Indigenous Women's History
HIST-3525(3) History of the Métis in Canada
HIST-3526(3)/4526(3)/ANTH-3117(3)/4117(3) Ethnohistoric Methods and Theory
HIST-3528(3)/ANTH-3128(3) History of Eastern and Subarctic Algonquian Peoples
HIST-3532(3)/ANTH-3132(3) History of the Iroquoian Peoples
HIST-3540(6) Critical Issues in the History of Canadian Politics, Nationalism, & International Relations
HIST/MENN-3541(3) Mennonites in Canada
HIST-3542(6) Gender, Class, and Ethnicity in Canadian History
HIST-3543(6) Immigration to Canada
HIST-3544(6) History of Winnipeg
HIST-3545(6) Historical Perspectives on Women in Canada

HIST-3548(6) Alternative Visions: Rebels and Revolutionaries in Canadian History
HIST-3552(6) Regionalism and the History of the Canadian West
HIST-3560(6)/ GERM-3103(6) The German-Canadian Presence in Canadian History
HIST/GERM-3561(3) German-Canadian Identity - Historical Perspectives
HIST-3570(3/6) The Family in Canadian History
HIST/WGS-3571(3) History of Feminism in Canada
HIST-3572(3/6) History of Childhood in Canada
HIST/IS-3590(3) Indigenous Health History
HIST-3603(3) United States, 1878-1929
HIST-3604(3) United States, 1929-1988
HIST-3609(6) History of the Native American Peoples of the United States
HIST-3611(6) Colonial America, 1492-1783

HIST-3701(6) Modern Africa
HIST-3703(3) South Africa in the Modern World
HIST-3704(3) West Africa in the Twentieth Century
HIST-3711(6) Liberation Movements in South Africa
HIST-3805(3/6) Arts of the Arctic
HIST-3807(3/6) Topics in Twentieth and Twenty-first-Century Canadian Art
HIST-3809(3/6) Nineteenth-Century Art in Context
HIST-3810(3/6) Art in the Twentieth Century
HIST-3811(6) Women, Art and Society
HIST-3812(3/6) History of Gothic Architecture
HIST-3813(3) Art History in Focus I
HIST-3814(3/6) Indigenous Art
HIST-3816(6) Art and Architecture of Pilgrimage
HIST-3825(6) Theories and Methods for Art History
HIST-3826(3) Art History in Focus II
HIST-3828(3/6) Dada and Surrealism: Art of the Unconscious
HIST-3829(3/6) Modern Architecture and Design
HIST-3832(3) Art, Design and the City
HIST-3833(3) Indigenous Film and New Media Art
HIST-3840(3/6) Seventeenth Century Art
HIST-3841(3/6) Arts of the Middle Ages
HIST-3842(3/6) Italian Renaissance Art
HIST-3843(3/6) Northern Renaissance Art
HIST-3902(3) The Darwinian Revolution
HIST-3903(3)/ CLAS-3090(3) Classical and Medieval Science
HIST-3911(3) History of Madness and Psychiatry
HIST-3913(3) The History of Disease

4000-LEVEL

HIST-4000(3) Tutorial
HIST-4100(6) Tutorial
HIST-4103(6) Colonization and the Age of Modernity in Latin America
HIST-4111(6) Frontiers and Borderlands
HIST-4112(6) History of the Atlantic World
HIST-4113(6) Slavery in the Americas
HIST-4121(6) Sex, Race, and Gender in the Early Modern Period
HIST-4130(6) History and Memory
HIST-4200(6) Tutorial
HIST-4210(6) Church and State in Medieval Europe
HIST-4213(6) Topics in Early Modern Women's History
HIST-4218(6) Topics in Medieval Culture
HIST-4300(6) Tutorial
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HIST-4317(6) Studies in Modern Russian History
HIST-4403(6) Postcolonial India
HIST-4500(6) Tutorial
HIST-4530(6) Advanced Studies in Canadian Social History
HIST/MENN-4535(6) Immigration and Ethnicity in Canada and the United States
HIST-4570(6)/ ANTH-4105(6) Indigenous People and Newcomers in Encounter: Selected Topics
HIST-4580(6) The Interpretation of Canadian History: Historiographical Issues
HIST-4600(6) Tutorial
HIST-4605(6) Studies in Intellectual and Social History of the United States
s
HIST-4700(6) Tutorial
HIST-4701(3) Studies in Modern African History
HIST-4800(6) Tutorial
HIST-4801(6) Special Topics in Art History
HIST-4803 (3/6) Gothic Revival Art & Architecture in Winnipeg
HIST-4815(3/6) Cultures of the Past: Art History & Memory
HIST-4830(6) The Idea of the Museum
HIST-4831(6) Practicum in Curatorial Studies
HIST-4833(3/6) Indigenous Theory and Curatorial Practices
HIST-4891(3) Selected Topics in Visual Cultures
HIST-4900(6) Tutorial
HIST-4902(6) Selected Topics in the History of Science
HIST-4910(6) Themes in the History of Medicine

EXPERIMENTAL COURSES

HIST-1012(3) The Worlds of Asia and Africa to 1750
HIST-1013(3) The Worlds of Asia and Africa since 1750
HIST-2122(3) Racism in World History: From the Middle Ages to the Present
HIST-2332(3)/ REL-2632(3) The Holocaust in Europe Field Tour
HIST-2415(3) History of Southeast Asia since 1500

HIST-2805(3) The Power of Art
HIST-3010(3)/ CLAS-4840(3)/ Provinces and SubjectsCLAS-3840(3)/
HIST-3011(3)/ CLAS-3830(3) Kingdoms and City-States
HIST/MENN-3126(3) Environmental History and the Mennonites
HIST-3524(3) Regulating the "Natives:" Indigenous Policy in Canada and the USA
IS-3102/ANTH-3119
HIST-3573/4573(3) Material Culture in Northern Plains Indigenous History, Field Course
ANTH-3273/4273
HIST-4804(3) Art History Field Course

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called "All course descriptions" in the "Academic Calendar" section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

HISTORY OF ART (HISA)

Jan 31, 2018

Coordinator: Associate Professor: C. Labrecque; Professor: S. Keshavjee; Associate Professor: J. Nagam, Adjunct Professor: S. Borys

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor
MA in Cultural Studies: Curatorial Practices – Please see *Graduate Studies Academic Calendar*.

INTRODUCTION

The History of Art Program focuses on the artistic achievement of previous ages and its relationship to society and culture. The architecture, sculpture and painting, and other artistic mediums produced by a civilization provide an important key to contextualizing civilization. By examining visual records of humanity's past; students can further their understanding of political, economic, social and intellectual developments.

The History of Art Program is a multidisciplinary program which introduces students to basic concepts in the field of the history of the visual arts. The program is administered by the History Department and includes courses from the Departments of Classics, Philosophy, Religion and Culture, and Theatre and Film. In addition, students in some courses have special access to the resources of the Winnipeg Art Gallery, and the University of Winnipeg's Gallery 1C03. Students in the History of Art Program may obtain the 3-Year BA, 4-Year BA, Honours BA or Minor in History of Art.

A Major in History of Art can lead to careers in teaching or in curatorial work at commercial or private galleries and museums. Those interested in pursuing graduate studies will find their way to careers in university teaching and research, governmental research or arts journalism.

REQUIREMENTS FOR A 3-YEAR BA IN HISTORY OF ART

ADMISSION REQUIREMENT Students must consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours
Major: Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Writing: 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major: Minimum 36 credit hours/Maximum 48 credit hours.
Double Major: Minimum 36 credit hours in History of Art and specified number of credit hours in other Major. These may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Required courses:

6 credit hours in History at the 1000 level (HIST-1011/3 recommended)
HIST-2800(6) History of European Art

24 credit hours from the following:

History:

HIST-2801(3/6) Rethinking Canadian Art
HIST-2802(3/6) Art in Non-Christian Religions
REL-2901(3/6)
HIST-2804(3) Secrets of Museums
HIST-3805(3/6) Arts of the Arctic
HIST-3807(3/6) Topics in Twentieth and Twenty-first-Century Canadian Art
HIST-3809(3/6) Nineteenth-Century Art in Context
HIST-3810(3/6) Art in the Twentieth Century
HIST-3811(6) Women, Art and Society
HIST-3813(3) Art in Focus I
HIST-3814(3/6) Indigenous Art
HIST-3816(6) Art and Architecture of Pilgrimage
HIST-3824(3) History and Theory of Dance and Art
HIST-3825(6) Theories and Methods for Art History
HIST-3826(3) Art in Focus II
HIST-3828(3/6) Dada and Surrealism: Art of the Unconscious
HIST-3829(3/6) Modern Architecture and Design

HIST-3840(3/6) Seventeenth Century Art
HIST-3841(3/6) Arts of the Middle Ages
HIST-3842(3/6) Italian Renaissance Art
HIST-3843(3/6) Northern Renaissance Art
HIST-4801(6) Special Topics in Art History
HIST-4803(3/6) Gothic Revival Art & Architecture in Winnipeg
HIST-4815(3/6) Cultures of the Past: Art History & Memory
HIST-4830(6) The Idea of the Museum
HIST-4831(6) Practicum in Curatorial Studies

Classics:
CLAS-2000(3) Heroic Age of Greece
CLAS-2002(3) Greek Art and Architecture
CLAS-2003(3) Roman Art and Architecture
CLAS-2081 (3) Sites of the Ancient World 1
CLAS-2082 (3) Sites of the Ancient World 2
CLAS 2901(3) Introduction to Ancient Art and Art History

Philosophy:
PHIL-2219(3) Philosophy of Art
(OR the former PHIL-2221(6))
PHIL 4501(3) Topics in Aesthetics

Theatre and Film:
THFM-4431(3) Theatre Aesthetics

Normally the requirements for the Major should be fulfilled with half of the History of Art courses at the 3000 level or above. Students must consult with a member of the Department in planning their curriculum.

Combined Major: Minimum of 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject.

Required courses:
6 credit hours in History at the 1000 level (HIST-1011/3 recommended)
HIST-2800(6) History of European Art
6 credit hours in History of Art at the 3000 level

REQUIREMENTS FOR A 4-YEAR BA IN HISTORY OF ART

ADMISSION REQUIREMENT Students must consult with a member of the Department in planning their course of study. Students must have minimum 30 credit hours completed previously.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours
Science: 6 credit hours
Social Science: 12 credit hours
Writing: 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 48 credit hours/Maximum 66 credit hours.
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.

Required courses:
6 credit hours in History at the 1000 level (HIST-1011/3 recommended)
HIST-2800(6) History of European Art
HIST-3001(6) Practice and Philosophy of History

6 credit hours in History of Canadian Art at the 2000 level or above, from:
HIST-2801(3/6) Rethinking Canadian Art
HIST-3805(3/6) Arts of the Arctic
HIST-3807(3/6) Topics in Twentieth and Twenty-first-Century Canadian Art
HIST-3814(3/6) Indigenous Art
HIST-4803(3/6) Gothic Revival Art & Architecture in Winnipeg

24 credit hours from the following:
History:
HIST-2801(3/6) Rethinking Canadian Art
HIST-2802(3/6)/ Art in Non-Christian Religions
REL-2901(3/6)
HIST-2804(3) Secrets of Museums
HIST-3805(3/6) Arts of the Arctic
HIST-3807(3/6) Topics in Twentieth and Twenty-First-Century Canadian Art
HIST-3809(3/6) Nineteenth-Century Art in Context
HIST-3810(3/6) Art in the Twentieth Century
HIST-3811(6) Women, Art and Society
HIST-3813(3) Art in Focus I

HIST-3814(3/6) Indigenous Art
HIST-3816(6) Art and Architecture of Pilgrimage
HIST-3824(3) History and Theory of Dance and Art
HIST-3825(6) Theories and Methods for Art History
HIST-3826(3) Art in Focus II
HIST-3828(3/6) Dada and Surrealism: Art of the Unconscious
HIST-3829(3/6) Modern Architecture and Design
HIST-3840(3/6) Seventeenth Century Art
HIST-3841(3/6) Arts of the Middle Ages
HIST-3842(3/6) Italian Renaissance Art
HIST-3843(3/6) Northern Renaissance Art
HIST-4801(6) Special Topics in Art History
HIST-4802(6) French Art and Culture around 1900
HIST-4803(3/6) Gothic Revival Art & Architecture in Winnipeg
HIST-4815(3/6) Cultures of the Past: Art History & Memory
HIST-4830(6) The Idea of the Museum
HIST-4831(6) Practicum in Curatorial Studies

Classics:
CLAS-2000(3) Heroic Age of Greece
CLAS-2002(3) Greek Art and Architecture
CLAS-2003(3) Roman Art and Architecture
CLAS-2081 (3) Sites of the Ancient World 1
CLAS-2082 (3) Sites of the Ancient World 2
CLAS 2901(3)Introduction to Ancient Art and Art History

Philosophy:
PHIL-2219(3) Philosophy of Art
(OR the former PHIL-2221(6))
PHIL 4501(3) Topics in Aesthetics

Theatre and Film:
THFM-4431(3) Theatre Aesthetics

Normally the requirements for the Major should be fulfilled with half of the History of Art courses at the 3000 level or above. Students must consult with a member of the Department in planning their curriculum.

Combined Major: Minimum of 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject

Required courses:
6 credit hours in History at the 1000 level (HIST-1011/3 recommended)
HIST-2800(6) History of European Art
6 credit hours in History of Art at the 3000 level

REQUIREMENTS FOR AN HONOURS BA IN HISTORY OF ART

ADMISSION REQUIREMENT
Entry into the program is possible after completing a minimum of 30 credit hours.
Entry, continuing, and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).
Students in the Double Honours program must have approval of the History Department Chair and the Art History Coordinator

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Honours: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at 4000 level.

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Indigenous: 3 credit hours in designated Indigenous requirement courses
Writing: Minimum 3 credit hours of Academic Writing
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT
Single Honours: Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject

Required courses:
6 credit hours in History at the 1000 level (HIST1011/3 recommended)
HIST-2800(6) History of European Art
HIST-3001(6) Practice and Philosophy of History

6 credit hours in History of Canadian Art at the 2000 level or above, from:
HIST-2801(3/6) Rethinking Canadian Art
HIST-3805(3/6) Arts of the Arctic
HIST-3807(3/6) Topics in Twentieth and Twenty-First-Century Canadian Art

HIST-3814(3/6) Indigenous Art

30 credit hours in Art History at the 3000 and 4000 level including a minimum of 24 credit hours in Art History and/or History at the 4000 level that includes a minimum of 12 credit hours in Art History from the following:

HIST-4800(6) Honours Tutorial in Art History
HIST-4801(6) Special Topics in Art History

HIST-4803(3/6) Gothic Revival Art & Architecture in Winnipeg
HIST-4815(3/6) Cultures of the Past: Art History & Memory
HIST-4830(6) The History of Museums and Collecting
HIST-4831(6) Practicum in Curatorial Studies

Double Honours: Minimum 36 credit hours in each Honours subject

Required courses:

6 credit hours in History at the 1000 level (HIST1011/3 recommended)
HIST-2800(6) History of European Art
HIST-3001(6) Practice and Philosophy of History

6 credit hours in History of Canadian Art at the 2000 level or above, from:

HIST-2801(3/6) Rethinking Canadian Art
HIST-3805(3/6) Arts of the Arctic
HIST-3807(3/6) Topics in Twentieth and Twenty-First-Century Canadian Art
HIST-3814(3/6) Indigenous Art
HIST-4803(3/6) Gothic Revival Art & Architecture in Winnipeg

12 credit hours at the 4000 level from the following:

HIST-4800(6) Honours Tutorial in Art History
HIST-4801(6) Special Topics in Art History

HIST-4803 (3/6) Gothic Revival Art & Architecture in Winnipeg
HIST-4815(3/6) Cultures of the Past: Art History & Memory
HIST-4830(6) The Idea of the Museum
HIST-4831(6) Practicum in Curatorial Studies

For the requirements of the other Honours subject consult the department involved

Suggested Pattern of Study:
Single Honours:
Year 1: 6 credit hours in History at the 1000 level (HIST1011/3 recommended)
Year 2: HIST-2800(6) History of European Art
HIST-3001(6) Practice and Philosophy of History
Year 3: 6 credit hours at the 3000 level in Art History
12 credit hours at the 4000 level in Art History
Year 4: 6 credit hours at the 3000 level in Art History
12 credit hours at the 4000 level in Art History and /or History

Double Honours:
Year 1: 6 credit hours in History at the 1000 level (HIST1011/3 recommended)
Year 2: HIST-2800(6) History of European Art
HIST-3001(6) Practice and Philosophy of History
Year 3: 12 credit hours at the 4000 level in Art History
Year 4: 6 credit hours at the 4000 level in Art History and/or History

REQUIREMENTS FOR A MINOR IN HISTORY OF ART

A minor in the History of Art enables students to deepen their knowledge of artistic production and practice (as well as curatorial practices). It will be relevant to students interested in History, English, Women's and Gender Studies, Theatre and Film, Classics, Philosophy and Anthropology, and will complement the student's major in a related or unrelated field of instruction. Those interested in pursuing a minor in the History of Art should consult with a Department Advisor to plan their course of study.

GENERAL REQUIREMENTS 18 credit hours, at least 12 credit hours of which are above the first-year level, and at least 12 credit hours of which are taken at The University of Winnipeg:

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.

Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level.

Residence Requirement: Minimum 12 credit hours in History of Art.

Required Courses:	6 credit hours in History at the 1000 level (HIST1011/3 recommended) **HIST-2800(6)** History of European Art An additional 6 credit hours in the History of Art or in a related field with the approval of a Department Advisor.
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Students are strongly advised to pursue additional courses in foreign languages, Philosophy and History related to the area of emphasis in their Art History Program. Students may find the following courses of interest:

Classics:
CLAS-2000(3) Heroic Age of Greece
CLAS-2002(3) Greek Art and Architecture
CLAS-2003(3) Roman Art and Architecture
CLAS-2081 (3) Sites of the Ancient World 1
CLAS-2082 (3) Sites of the Ancient World 2
CLAS 2901(3) Introduction to Ancient Art and Art History

Philosophy:
PHIL-2219(3) Philosophy of Art
(OR the former PHIL-2221(6))
PHIL 4501(3) Topics in Aesthetics

Theatre and Film:
THFM-4431(3) Theatre Aesthetics

Prerequisites
Students who are not History of Art Majors are welcome to select 1000-, 2000-, and 3000-level courses.

Courses for Credit toward the Major in History
Courses in the History of Art Program can be used for credit towards a Major in History.

1000-Level Courses
Only 6 credit hours at the 1000-level in History may be used as credit towards graduation.

4000-Level Courses
A minimum 3.0 GPA (B) in major courses is required (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses). Permission of the Department is required for each 4000-level course.

Graduate Studies
Graduate courses in Art History are offered as part of a Master's Program in Cultural Studies in the Department of English. The History Department also offers Graduate Study as part of a Joint Master's Program with the University of Manitoba. For details see *Graduate Studies Academic Calendar*.

Re-numbering of Courses
Since 1988, the Department has renumbered many courses. Students may not receive credit for a currently listed course if they have already completed it under its former number.

COURSE LISTINGS

HIST-1011 (3) Cross Currents in Global Art
HIST-2800(6) History of European Art
HIST-2801(6) Rethinking Canadian Art
HIST-2802(3/6)/ REL-2901(3/6) Art in Non-Christian Religions
HIST-2804(3) Secrets of Museums
HIST-3805(3/6) Arts of the Arctic
HIST-3807(3/6) Topics in Twentieth and Twenty-First-Century Canadian Art
HIST-3809(3/6) Nineteenth-Century Art in Context
HIST-3810(3/6) Art in the Twentieth Century
HIST-3811(6) Women, Art and Society
HIST-3813(3) Art History in Focus I
HIST-3814(3/6) Indigenous Art
HIST-3816(6) Art and Architecture of Pilgrimage

HIST-3825(6) Theories and Methods for Art History
HIST-3826(3) Art History in Focus II
HIST-3828(3/6) Dada and Surrealism: Art of the Unconscious
HIST-3829(3/6) Modern Architecture and Design
HIST-3840(3/6) Seventeenth Century Art
HIST-3841(3/6) Arts of the Middle Ages
HIST-3842(3/6) Italian Renaissance Art
HIST-3843(3/6) Northern Renaissance Art
HIST-4000(3) Tutorial
HIST-4800(6) Tutorial
HIST-4801(6) Special Topics in Art History
HIST-4803(3/6) Gothic Revival Art & Arch in Winnipeg
HIST-4815(3/6) Cultures of the Past: Art History & Memory
HIST-4830(6) The Idea of the Museum
HIST-4831(6) Practicum in Curatorial Studies

EXPERIMENTAL COURSES

HIST-2805 Power of Art
HIST-4804 Art History Field Course

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called "All course descriptions" in the "Academic Calendar" section of the University website: **http://uwinnipeg.ca/academics/calendar/index.html**

HUMAN RIGHTS (HR)

(This program replaces the Thematic Major in Human Rights and Global Studies.)

Updated March 13, 2018

Coordinator: D. Peachey, Global College. **Program Advisors: E. Alexander, History; J. Arnold, Conflict Resolution Studies; J. Clary-Lemon, Rhetoric and Communications; K. Ducey, Sociology; K. Kenyon, Political Science/Human Rights; L. Kornelsen, Education; A. Mills, Political Science; M. McPhedran, Political Science/Human Rights; J. Pelletier, Indigenous Studies; J. Sears, International Development Studies; J. Silver, Urban and Inner City Studies; C. Taylor, Education; S. Tomsons, Philosophy, K. Venema, English.**

HUMAN RIGHTS DEGREES/PROGRAMS OFFERED
3-year BA
4-year BA
Minor

INTRODUCTION
The Human Rights program examines human rights in global contexts, as mechanisms to address issues of human dignity, social justice, and global citizenship. The program explores the origins and rise of human rights concepts, and the continuing evolution of human rights definitions and debates. The program aims to equip students for education and advocacy in human rights, and to understand ways to respond to human rights abuses. A guiding premise of the program is that "human rights" are understood in multiple ways and contexts; the program includes courses from diverse fields such as anthropology, business, conflict resolution, criminal justice, international development, history, philosophy, religious and cultural studies, and women's and gender studies.

REQUIREMENTS FOR A 3-YEAR BA IN HUMAN RIGHTS

ADMISSION REQUIREMENT	A minimum GPA of 2.0 is required for entry. Students must consult with the program coordinator or designate in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	30 credit hours
Major:	18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours
Sciences:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of six may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	A minimum of three (3) credit hours from each of five (5) different subjects
MAJOR REQUIREMENT	
Single Major:	36 credit hours
Double Major:	36 credit hours in Human Rights and specified number of credit hours in other department/program.

Required Courses: Students must complete the following core courses (24 credit hours):

HR/IDS-1200(3)	Introduction to Global Citizenship
WGS-1232(6)	Introduction to Women's and Gender Studies
HR-2100(3)	Concepts and Conventions in Human Rights
HR-2200/HIST-2512(3)	History of Human Rights in Canada
UIC/POL/IS-2020(3)	Colonization and Indigenous Peoples
HR/CRS-3410(3)	Models of Transitional Justice
HR-3210(3)	Human Rights Institutions

HR Electives: Students must complete 6 credit hours of HR Elective Courses.
Any HR numbered course that is not a Core Course can be used as an HR Elective course.

Area Courses: Minimum of 6 credit hours of Area Courses.

REQUIREMENTS FOR A 4-YEAR BA IN HUMAN RIGHTS

ADMISSION REQUIREMENT A minimum GPA of 2.0 is required for entry. Students must consult with the program coordinator or designate in planning their course of study.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	60 credit hours
Major:	30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Sciences:	6 credit hours
Social Sciences:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of six may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	A minimum of three (3) credit hours from each of five (5) different subjects

MAJOR REQUIREMENT

Single Major:	48 credit hours
Double Major:	48 credit hours in Human Rights and specified number of credit hours in other department/program

Required Courses: Students must complete the following core courses (30 or 33 credit hours):

HR/IDS-1200(3)	Introduction to Global Citizenship
WGS-1232(6)	Introduction to Women's and Gender Studies
HR-2100(3)	Concepts and Conventions in Human Rights
HR-2200/HIST-2512(3)	History of Human Rights in Canada
UIC/POL/IS-2020(3)	Colonization and Indigenous Peoples
HR-3210(3)	Human Rights Institutions
HR/CRS-3410(3)	Models of Transitional Justice
HR-3510(3 or 6)	Practicum in Human Rights
HR-4001(3)	Capstone in Human Rights

HR Electives: Minimum of 6 credit hours of HR Elective Courses.
Any HR numbered course that is not a Core Course can be used as an HR Elective course.

Area Courses: Minimum of 12 credit hours of Area Courses.

Cognate Requirement (18 credit hours)

- Minimum of 3 credit hours from designated Research Methods and Skills Courses
- Minimum of 3 credit hours from designated Organizational and Applied Skills Courses
- Minimum of 3 credit hours from designated Ethics Courses
- 6 credit hours of post-secondary language other than English, or documented proficiency in a second language to the satisfaction of the Coordinator of Human Rights
- 3 Additional credits from Area Courses as needed to fulfill minimum of 18 credit hours in Cognate requirements

REQUIREMENTS FOR A MINOR IN HUMAN RIGHTS

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject from the Core and Elective lists, including the required courses listed below.
Residence Requirement:	Minimum 12 credit hours in the Minor subject
Required Courses:	HR/IDS-1200(3) Introduction to Global Citizenship

HR-2100(3) Concepts and Conventions in Human Rights
HR-2200/HIST-2512(3) History of Human Rights in Canada

Restrictions: Students cannot declare the same subject as a Major and a Minor.

COURSE LISTINGS

Core courses

HR/IDS-1200(3)	Introduction to Global Citizenship
WGS-1232(6)	Introduction to Women's and Gender Studies
HR-2100(3)	Concepts and Conventions in Human Rights
HR-2200/HIST-2512(3)	History of Human Rights in Canada
UIC/POL/IS-2020(3)	Colonization and Indigenous Peoples
HR-3210(3)	Human Rights Institutions
HR/CRS-3410(3)	Models of Transitional Justice
HR-3510(3 or 6)	Practicum in Human Rights
HR-4001(3)	Capstone in Human Rights

Elective Courses

HR-2600(6)	Emerging Issues in Human Rights
HR 2310(3)	Refugees, Resettlement, and Resilience
HR-2540(3)	Global Human Rights Advocacy
HR-2650 (3 or 6)	Special Topics in Human Rights
POL-2410(6)	Human Rights and Civil Liberties in Canada
HR-3550(3)	Human Rights, Human Security and the UN
HR-3650 (3 or 6)	Special Topics in Human Rights
HR-3750(3 or 6)	Directed Readings in Human Rights
CRS/HR-3931(3)	Human Rights and Conflict Resolution
REL/EALC-3707/4704/HR-3311(3)	Chinese & East Asian Perspectives on Human Rights
HR-4210(3 or 6)	Human and Indigenous Rights in Latin America
HR/CRS-4350(3)	Post-Conflict Truth, Memory and Reconciliation
HR-4650 (3 or 6)	Special Topics in Human Rights
HR-4671(3 or 6)	Independent Study in Human Rights
HR-4750(3 or 6)	Directed Readings in Human Rights

Area Courses

* Denotes courses with departmental prerequisite(s)

ANTH/IDS-3160(3)	Cultural Perspectives on Global Processes*
ANTH-3310/4310(3)	The Race Concept in Physical Anthropology*
CJ-2125(3)	Crime Victims*
CJ-3121(3)	Race Relations and the Criminal Justice System*
CJ-3201(3)	Comparative Crime and Criminal Justice*
CRS/IDS-2443(3)	Conflict and Development Issues in Indigenous Communities*
CRS-2231(3)	Nonviolent Social Change*
CRS-2241(3)	Conflict and Culture*
CRS/WGS-3242(3)	Women and Peacemaking*
CRS-3331(3)	Genocide, War and Conflict*
DIS-1003(3)	Introduction to Disability Studies I
DIS-1004(3)	Introduction to Disability Studies II
ECON-2317(3)	Environmental Economics *
ECON-3115(3)	Gender and the Economy*
ECON-3305(3)	Economic Development*
ECON-3306(3)	International Aspects of Economic Development*
ENGL-2722(6)	Postcolonial Literature and Culture*
ENGL-3715(6)	Diasporic Literatures in Canada*
ENGL-3717(6)	Indigenous Literatures and Cultures*
ENGL-3723(3/6)	Topics in Indigenous Texts and Cultures*
ENGL-3724(3/6)	Topics in Race and Ethnicity*
ENGL-3180(6)	The Making of Peace and War in Literature*
ENGL-3901/WGS-3601(6)	Queer Literature, Culture and Theory*
ENGL-3920(3)	Representations of Disability in Literary and Cultural Texts
FREN-3883/4883(3)	Pre-independence Francophone African Literature*
FREN 3884/4884(3)	Francophone Black Feminist Literature*
GEOG-2411(3)	Geography of Globalization*
GEOG-2417(3)	Introduction to Economic Geography*
HIST/IDS-2130(6)	A History of the Developing World*
HIST-2113(6)	History of Slavery
HIST-2328(3)	Anti-Semitism and the Holocaust
HIST-3519(3)	Aboriginal Peoples and Treaties
HIST-3543(6)	Immigration to Canada

IS-3100(3)	International Rights of Indigenous Peoples*
IDS-2171(3)	Crisis, Humanitarian Aid and Development*
IDS/CRS-3901(3)	Humanitarian Aid and Conflict: Do No Harm*
PHIL/POL-2200(6)	Social and Political Philosophy
POL-2100(6)	Introduction to Global Politics
POL-3110(3)	International Organization*
POL-3120(3)	International Law
POL-3130 (3)	Canada in World Affairs*
POL-3135(3)	Critical Security Issues*
POL-3400(3)	Indigenous Politics in Canada
POL-3405(3)	Indigenous Politics in Manitoba
POL-3411(3)	Aboriginal People and the Law I
POL-3415(3)	Indigenous Justice and Canadian Law
POL-3510(3)	Interest Groups and New Social Movements
POL-3315(3)	The Canadian Legal System
PHIL-2208(3)	War and Peace
PHIL-3507(3)	17th Century Philosophy*
REL-2402(3)	Fundamentalisms in Global Perspective
REL-2404(3)	Religion and Culture: Religions in Encounter and Change
REL-2405(3)	Religion and Culture: The Multifaith Society
REL-3504/4504(3)	The Problem of Evil*
REL-3551/4551(3)	Religion and Social Change*
RHET-2141(3)	Representations of Indigeneity*
RHET-3420	Rhetorics of Identity*
RHET-3151(3)	Critical Studies of Discourse*
RHET-3153(3)	Studies in the Rhetorics of Gender*
SOC-3304(3)	Immigrant Families
SOC-3305(3)	International Migration
SOC-3333(3)	Liberation Sociology
UIC/WGS-3020(3)	Women & the Inner City
UIC-3040(3)	Poverty & the Law
UIC-3050(3)	Immigration & the Inner City
WGS-2251(6)	Gender, Race and Nation in Canada*
WGS-3301(3)	Feminisms: Background and Fundamentals*

Human Rights Cognate Categories

Research Methods and Skills

ANTH-3125/4125(3)	Ethnographic Research Methods*
CJ-2101(3)	Criminal Justice Research Methods*
CRS/IDS-3920(3)	Action Research Methods*
CRS/IDS-4922(3)	Program Evaluation in Development and Conflict Resolution*
POL-3225(3)	Quantitative methods in Politics*
PSYC-2101(3)	Introduction to Data Analysis
PSYC-2102(3)	Introduction to Research Methods*
REL-3804/4804(3)	Aboriginal Spirituality: Research Methods*
RHET-3320(3)	Forms of Inquiry
SOC-2125(3)	Intro to Qualitative Research Methods
SOC-2126(3)	Intro to Research Design and Qualitative Research
WGS-3200(6)	Feminist Research Methods*

Organizational and Applied Skills

ACS-1809(3)	Website Design and Development
BUS-2010(3)	Fundamentals of Financial Management and Administration
BUS/UIC/IS-2030(3)	Management and Administration for Community and Aboriginal Organizations*
BUS 2301(3)	Management of Co-operatives*
BUS 3250(3)	Not-For-Profit Management*
BUS-3255(3)	Social Enterprise: From theory to Practice*
CRS/IDS-4920(3)	Program Planning in Development and Conflict Resolution*
RHET-2530(3)	Rhetorical Grammar*
RHET-3340(3)	Strategies for Technical and Professional Communication*
THFM-3502(6)	Drama in Education

Ethics

BUS-3110(3)	Ethics in Management*
CJ-3205(3)	Professional Ethics in Criminal Justice*
IDS-3101(3)	Development Ethics*
CRS-3231(3)	Ethics in Conflict Resolution*
PHIL-2202(3)	Ethics in Medicine and the Law
PHIL-2201(6)	Moral Philosophy
PHIL-2233(3)	Environmental Ethics

Experimental Courses

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

INDIGENOUS STUDIES (IS)

Updated Feb 26, 2018

Chair: J. Romanow, Associate Professor; Professors: G. Nemogá; Associate Professors :J. Pelletier, L. Fontaine, S. Shukla
Lecturer : D Courchene
Department Assistant: Please call 204-786-9305

DEGREES and PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Joint Indigenous Studies/Aboriginal Governance Degree/Diploma (RRC/UW)
Cohort Stream BA in Indigenous Studies (for RRC employees)
Minor
MA in Indigenous Governance – Please see *Graduate Studies Academic Calendar.*

INTRODUCTION

The Department of Indigenous Studies/IS (formerly the Aboriginal Governance Program) is grounded in the intellectual and cultural heritage of Indigenous peoples in Canada and around the globe. Students from all backgrounds and disciplines develop critical thinking skills through interdisciplinary coursework offered by the IS faculty. The Department recognizes and honors the central role of language as carrier of culture, conveyor of tradition and knowledge, and signifier of individual and community identity by supporting the teaching of the indigenous languages Ojibwe and Cree. The relationship of the department with Indigenous peoples in Canada and abroad is one of reciprocity and support. The preparation of students includes the introduction of alternative world views involving interrelated themes of land, self-determination, cultural preservation and revitalization, indigenous knowledge and natural resources, historical agency, and representations of Indigenous peoples.

We recommend that undergraduate students in the major meet with an Academic Advisor and/or Indigenous Studies faculty to design a major that meets their needs and interests. Students who wish to combine knowledge on indigenous topics with other majors are encouraged to pursue the Minor in Indigenous Studies.

The Department of Indigenous Studies participates in the Interdepartmental Minor in Comparative Literature. For eligible courses, please see Comparative Literature in this Calendar.

REQUIREMENTS FOR A 3-YEAR BA IN INDIGENOUS STUDIES

ADMISSION REQUIREMENT	Students must consult with an Academic Advisor for program planning.
GRADUATION REQUIREMENT	90 credit hours (this includes 45 credit hours from the ASGA Red River College program if applicable)
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours (may be met with IS language courses)
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing (This requirement is waived for students who hold the ASGA Diploma from Red River College.)
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses. Students in the Joint Degree/Diploma Program may only use a maximum of 18 credit hours at the 1000 level from The University of Winnipeg. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum of three (3) credit hours from five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 36 credit hours/Maximum 48 credit hours.
Double Major:	Normally minimum 33 credit hours in the Department of Indigenous Studies and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Students may take a maximum of 6 credit hours of Directed Reading towards the major requirements.
Students may not count the same course for more than one of the above categories. Courses worth 6 credits meet the 3 credit requirement in the required course categories; any additional credits accrued will count toward the IS major credit hours.

Required Courses :

IS-1016(3) Introduction to Indigenous Studies: Art, Culture and History
AND
IS-1017(3) Introduction to Indigenous Studies: Politics and Governance

3 credits of Indigenous Cultures and Histories – may be met by taking IS-1101, IS-1201, IS-2040, IS-2050, IS-2101, IS-2201, IS-3100,
or by taking IS-2001, IS-3001, IS/HIST-3590, any HIST electives accepted for the 3-Yr BA.

3 credits of Indigenous Sciences* and knowledge systems – may be met by taking IS/UIC-1010, IS-1101, IS-1201, IS-2101, IS-2201, IS-3012/ANTH-3170:
or by taking IS-2001, IS-3001, IS 3010, IS-3201, IS-3901 with permission of IS Chair.

* These courses do not meet the Science General Degree Requirement.

3 credits of Indigenous Politics/Governance – may be met by taking, IS-2040, IS-2050, IS-2060, IS-3100;
or by taking IS-2001, IS-3001, IS-3901 with permission of IS Chair.

Students are advised that a 3-Year BA is not normally sufficient for admission to graduate studies.

3-YR BA ELECTIVES: (with Required Courses, to total 36 (3 for double major)-48 Credit hours)

Indigenous Studies
IS-1101(6) Introductory Cree
IS-1201(6) Introductory Ojibwe
IS-2001 (3 or 6) Special Topics in Indigenous Studies
IS-2040 (3) Indigenous Women and Resilience
IS-2050 (3) Indigenous Peoples, Land and Resources
IS-2060 (3) **Indigenous Treaties in Canada**
IS-2101 (6) Intermediate Cree
IS-2201 (6) Intermediate Ojibwe
IS-2401 (3) **Indigenous Food Systems Field SchoolIS-3001(3 or 6)** Special Topics in Indigenous Studies
IS-3010(3) **Protecting Indigenous Knowledge**
IS-3012(3) Ethnoecology: A Research Approach
IS-3100(6) International Rights of Indigenous Peoples
IS-3201(3) **Indigenous Ethnobotany Field School**
IS/HIST/WGS 3523(3) Aboriginal Women's Twentieth Century History
IS-3102 (3) **Indigenous Policy**
IS-3901(3 or 6) Directed Readings

Anthropology
ANTH-2103(3) Ethnography of Native Peoples of North America
ANTH-2202(3) Archaeology of North America
ANTH-2210(3) Rise of the New World Civilization
ANTH-2214(3) Archaeological Field School (IS Chair permission required)
ANTH-2220(3) Archaeological Field School (IS Chair permission required)
ANTH-3120(3) Aboriginal Peoples of Arctic Canada
ANTH /HIST-3126(6) Material Culture in the History of the Aboriginal Peoples of Canada
ANTH 3127 /HIST- 3518(3) History of Aboriginal Peoples of the Northern Plains
ANTH /HIST- 3528(3) History of Eastern and Subarctic Algonquian Peoples
ANTH-3132 /HIST(3) History of the Iroquoian Peoples
ANTH-3220(3) Archaeoastronomy of the Americas
ANTH-3203(6) Archaeological Field School (IS Chair permission required)
ANTH-3133(3) Algonquin Ethnography

Conflict Resolution Studies
CRS/IDS-2443(3) Conflict & Development Issues in Indigenous Communities

English
ENGL-2722(6) Postcolonial Literatures: an Introduction
ENGL/IS-3717(3/6) Indigenous Literatures and Cultures (3 or 6)
ENGL/IS-3723(3) Topics in Indigenous Texts and Cultures (experimental)

History
HIST-1010(6) Aboriginal Peoples of the Americas
HIST-2509(6) History of the Aboriginal Peoples of Canada
HIST-2510(3) Aboriginal Peoples in Canada to 1815
HIST-2511(3) Aboriginal Peoples in Canada since 1815
HIST-2516(3) History of Indigenous Education: Residential Schools and Beyond
HIST-3119(3) Aboriginal Peoples and Christian Missions
HIST/ANTH-3515(6) Material Culture in the History of Aboriginal Peoples of Canada
HIST-3518/ ANTH-3127(3) Aboriginal Peoples of the Northern Plains
HIST-3519(3) Aboriginal Peoples and Treaties
HIST /WGS/IS-3523(3) Indigenous Women's History
HIST-3525(3) History of the Métis in Canada
HIST-3527(6) History of the Algonquian Nations
HIST-3528(3) History of Eastern and Subarctic Algonquian Peoples
HIST-3532(3) History of the Iroquoian Peoples
HIST-3544(3) History of Winnipeg
HIST-3609(6) History of Native American Peoples of the U.S.
HIST-3814(3) Aboriginal Arts

International Development Studies
IDS/ANTH-2160(3) Indigenous Peoples & the Industrial State

Human Rights
HR/IS-3147 Development, Indigenous Property and Extraction

Linguistics
LING-4103/IS-3104 Indigenous Languages of South America

Philosophy
PHIL-3500(3) Philosophical Perspectives: Aboriginal Rights and Liberalism
(Prerequisite waived for Indigenous Studies students)

Political Science
POL-3411(3) Indigenous People in Canada & the Law I
POL-3415(3) Indigenous Justice & Canadian Law II

Religion & Culture
REL-2801(3) Introduction to Aboriginal Spirituality
REL-2802(3) Aboriginal & Christian Encounter
REL-2803(3) Understanding Aboriginal Sacred Narrative
REL/IDS-2804(3) Global Perspectives on Aboriginal Societies, Spiritualties & the Environment
REL-3802(3) Aboriginal Healers
REL-3803(3) Aboriginal Women's Teachings
REL-3804(3) Aboriginal Spirituality: Research Methods

Sociology
SOC-2105(6) Race, Ethnic and Aboriginal Relations
SOC-3123(3) Crime, Victimization and Justice in Aboriginal Communities
(Prerequisite waived for Indigenous Studies students)

Urban and Inner-City Studies
UIC/IS-1010(3) Indigenous Ways of Knowing
UIC/IS/POL-2020(3) Colonization and Indigenous Peoples
UIC/IS/BUS-2030(3) Management and Financial Administration for Community Leadership
UIC-2001/IS-2301(3) Community Development
UIC/IS-3035(3) Human Resource Management for Community Leadership
UIC/IS-3125 (3) Legacy of Residential Schools

REQUIREMENTS FOR A 4-YEAR BA IN INDIGENOUS STUDIES

ADMISSION REQUIREMENTS Students must consult with an Academic Advisor in planning their studies. Students must have completed at least 30 credit hours in Indigenous Studies.

GRADUATION REQUIREMENTS Minimum 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours (may be met with IS language courses)
Science: 6 credit hours
Social Science: 12 credit hours
Writing: 3 credit hours
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum of 3 credit hours from each of 5 different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 48 credit hours/maximum 66 credit hours. Maximum 18 credit hours at the 4000 level from the Indigenous Studies 4-Year BA/Honours 4-Year BA Electives. Remaining courses from 3-Year BA Electives.
Double Major: Minimum 48 credit hours in Indigenous Studies and specified number of courses in other Major.
Combined Major: Minimum 60 credit hours from each of two different majors with not less than 24 credit hours from each major subject.

Students may take a maximum of 12 credit hours of Directed Reading towards the major requirements.

Required Courses: **IS-1016**(3) Introduction to Indigenous Studies: Arts, Culture and History
AND
IS-1017(3) Introduction to Indigenous Studies: Politics and Governance

3 credits of Indigenous Cultures and Histories – may be met by taking IS-1101, IS-1201, , IS-2040, IS-2050, IS-2101, IS-2201, IS-3100, IS-4023; IS/HIST-3590, HIST electives accepted for the IS major including cross-listed electives;
or by taking IS-2001, IS-3001, IS-3901, or IS-4200 with permission of IS Chair.

3 credits of Indigenous Sciences* and knowledge systems – may be met by taking IS/UIC-1010, IS-1101, IS-1201, IS-2101, IS-2201, IS-3010, , IS-3012/ANTH-3170, IS-3201, IS-4020, IS-4021, IS-4022, IS-4024; IS-4026,, or by taking IS-2001, IS-3001, IS-3901, or IS-4200 with permission of IS Chair
* These courses do not meet the Science General Degree Requirement.

3 credits of Indigenous Politics/Governance – may be met by taking, IS-2040, IS-2050, IS 2060, IS-3100, IS-4020, IS-4021, IS-4023, IS-4024;IS-4703
or by taking IS-2001, IS-3001, IS-3901, or IS-4200 with permission of IS Chair.

REQUIREMENTS FOR AN HONOURS BA IN INDIGENOUS STUDIES

ADMISSION REQUIREMENTS

Students must have completed 30 credit hours with a minimum 3.0 GPA in Honours subject courses (cumulative GPA) and 2.75 GPA (degree GPA) in non-Honours courses. The minimum 3.0 GPA will be based on all attempts (including course repeats and failures) in Honours Subject courses. The minimum 2.75 GPA in all non-Honours courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT	120 credit hours, with minimum 3.0 GPA in Honours and 2.75 in non-Honours subject courses.
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at the 4000 level.
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours (may be met with IS language courses)
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum 3 credit hours from each of 5 different subjects.
HONOURS REQUIREMENT	
Single Honours:	Minimum 54 credit hours/ Maximum 78 credit hours Minimum 21 credit hours in 4000-level Honours courses, minimum 12 credits in 4000-level IS courses.
Double Honours:	Minimum 36 credit hours in each Honours subject, minimum 9 credits in 4000-level IS courses.

4-YEAR BA/HONOURS ELECTIVES:

Indigenous Studies

IS-4000(3 or 6) Indigenous Studies Practicum
IS-4020/7020 (3) Indigenous Self Determination
IS-4021/7021(6) Pathways to Indigenous Wisdom
IS-4022/7022(6) Indigenous Research Methodologies and Ethics
IS-4023/7023(3) Indigenous Peoples, Globalization & Development
IS-4024/7024(3) Biocultural Diversity Conservation: Striking a balance between Science and Indigenous Knowledge practices
IS-4025/7025 (3) Indigenous Languages: Culture, Rights and Conflict
IS-4026/7026(3) Community Food Security: Indigenous and International Perspectives
IS-4028 (3) Human and Indigenous Rights in Latin America Field School
IS-4200 (3) Indigenous Title
IS-4703 Indigenous Education in the Era of Globalization
IS-4200/7200(3 or 6) Seminar in Selected Topics
IS-4445 (3) Urban Aboriginal Seminar
AnthropologyANTH-4105(6) Natives and Newcomers in Encounter:
Selected Topics
ANTH-4117 /HIST-4526(3) Ethnohistoric Methods and Theory

English

ENGL-4717(3) Topics in Aboriginal Literature & Culture I
ENGL-4718(3) Topics in Aboriginal Literature & Culture II

History

HIST-4570(6) Native and Newcomers in Encounter: Selected Topics
HIST-4500(6) Tutorial (Independent Study) (IS Chair permission required)

Human Rights

HR–4210 (6) Human and Indigenous Rights in Latin America (experimental)

Religion and Culture

REL-4800(3) Topics in Aboriginal Religious Traditions
REL-4802(3) Aboriginal Healers
REL-4803(3) Aboriginal Women's Teachings
REL-4804(3) Aboriginal Spirituality: Research Methods
REL-4990(6) Directed Readings (IS Chair permission required)
REL-4991(3) Directed Readings (IS Chair permission required)

Urban and Inner City Studies

UIC-4445(3) Urban Aboriginal Seminar

JOINT INDIGENOUS STUDIES/ABORIGINAL SELF-GOVERNMENT ADMINISTRATION DEGREE/DIPLOMA (RRC/UW)

This is a combined degree/diploma program in cooperation with Red River College. Diploma graduates are granted a block transfer of 45 credit hours towards a 3-year, 4-year or Honours degree in Indigenous Studies and must complete an additional 45 (3-Year) to 75 (4-Year & Honours) credit hours. Students can expect to complete the combined degree/diploma program in approximately 4 to 5 years.

The 45 credit block transfer for Diploma graduates includes:

IS-1016 (3)	Introduction to Indigenous Studies: Arts, Culture and History
	AND
Is-1017(3)	Introduction to Indigenous Studies: Politics and Governance
IS-xxxx(3)	Unallocated 1000-level Indigenous Studies
IS-xxxx(9)	Unallocated 2000-level Indigenous Studies
HIST-2509(6)	History of the Native Peoples of Canada
POL-xxxx(6)	Unallocated 1000-level Political Science
XXX-xxxx(15)	Unallocated general credits

This joint program with Red River College provides students with the knowledge and skills needed to pursue a career in an indigenous self-government environment. Students have the opportunity to obtain both a Bachelor of Arts in Indigenous Studies from The University of Winnipeg and a Diploma in Self-Government Administration from Red River College. The joint program draws on the distinctive strengths of two institutions to provide students both with a broad, multi-dimensional perspective on indigenous self-governance, and with concrete skills necessary for employment in the self-government field. Students may begin the joint program at either Red River College or The University of Winnipeg.

SUMMARY OF THE RED RIVER COLLEGE ABORIGINAL SELF-GOVERNMENT ADMINISTRATION PROGRAM

Aboriginal Self-Government Administration is a two-year diploma program with an annual September entry date. It will provide training for Aboriginal students in the Aboriginal self-government process. With the ongoing expansion of Aboriginal self-government in Canada today, there is a corresponding need for Canadian Indigenous peoples to be trained in all the fundamental aspects of the self-government process, including knowledge of traditional and existing models, and the skills associated with administration, management, research, and policy analysis.

After successfully completing this program, students will have learned the fundamental aspects of the self-government process. They will be trained to gather and compile information using the most current techniques in information technology, to conduct research, to prepare documentation, to present materials, and to analyze programs and proposals as they relate to self-governance. Students will be prepared to function effectively in environments that are committed or sensitive to issues related to Canadian Indigenous peoples' self-governance.

APPLICATION PROCEDURE

Student must fill out an application for admission at the Red River College Aboriginal Education Programs office.
For more information please contact:

Red River College – School of Indigenous Education @ (204) 632-2180 or 1-855-413-7854 (toll free) or website: www.rrc.ca/aboriginaleducation

NOTE TO RED RIVER COLLEGE TRANSFER STUDENTS: if you encounter problems registering for IS courses, contact Dr. Romanow, Department Chair, j.romanow@uwinnipeg.ca.

Students in the joint program will follow the 3-Yr BA plan or the 4-Yr/Honours BA plan as outlined above, with the following exceptions: RRC Aboriginal Self-Government Administration Diploma Graduates will be given credit for the following courses as part of the block transfer, so cannot earn credit in those courses when they attend the University of Winnipeg:

IS-1016(3)	Introduction to Indigenous Studies: Arts, Culture and History
	AND
IS-1017(3)	Introduction to Indigenous Studies: Politics and Governance
HIST-2509(6)	History of the Native Peoples of Canada

ASGA Diploma graduates will be given credit for the following courses separately from the block transfer.

ABOR-1022(3)	Introductory Ojibwe 2 for Non-Speakers
ABOR-1021(3)	Introductory Cree 1 for Non-Speakers
ABOR-1024(3)	Introductory Cree 2 for Non-Speakers
ABOR-1032(3)	Introductory Cree 1
ABOR-1033(3)	Introductory Ojibwe 1

ASGA Diploma graduates entering the University of Winnipeg with six credits earned studying Ojibwe or Cree cannot earn credit in the equivalent University of Winnipeg courses:

IS-1101(6)	Introductory Cree
IS-1201(6)	Introductory Ojibwe

Students in the Joint Degree/Diploma Program may only use a maximum of 18 credit hours at the 1000 level from The University of Winnipeg. Of these, a maximum of 6 credit hours may be below the 1000 level.Students are advised that a 3-Yr BA is not normally sufficient for admission to graduate studies.

REQUIREMENTS FOR A 3-YEAR BA IN INDIGENOUS STUDIES
Cohort Stream for RRC Employees

BA IN INDIGENOUS STUDIES – COHORT STREAM
The **cohort stream** is designed to meet the needs of RRC staff seeking an educational upgrade and needing a flexible part-time schedule. The 3-Yr BA in Indigenous Studies will be earned over six years of pre-selected coursework for a cohort of 20 to 25 students. Credit loads will vary over the six year program, starting with a lighter load in the first year to acclimate new or returning students to the university setting. Evening, weekend, spring/summer, and module courses will be offered by fully qualified instructors at a variety of locations, including campuses of the University of Winnipeg and of Red River College.

Approximate plan:
YEAR ONE: Fall, Winter
IS-1016(3) Introduction to Indigenous Studies: Art, Culture and History
AND
IS-1017(3) Introduction to Indigenous Studies: Politics and Governance
RHET-110x(3) Academic Writing

YEAR TWO: Spring/Summer, Fall, Winter
ENG-1003(3) Introduction to Topics in Literature
ENV-1600(3) Human and Environment Interactions
HIST-2xxx(3) Aboriginal/Indigenous History elective To Be Announced (TBA)
IS-2040(3) Indigenous Women and Resilience
IS-2050(3) Indigenous Peoples, Land, and Resources

YEAR THREE: Spring/Summer, Fall, Winter
ANTH-2103(3) Ethnography of Native Peoples of North America
BUS-2xxx(3) *Business elective TBA*
GEOG-1202(3) Introductory Earth Science
IS-2xxx(3) Indigenous Studies elective TBA
REL-2xxx(3) Aboriginal/Indigenous Religion and Culture elective TBA

YEAR FOUR: Spring/Summer, Fall, Winter
IS-2100(3) Special Topics in Indigenous Studies
IS-3100 (3) International Rights of Indigenous Peoples
IS/HIST/WGS-3523(3) Aboriginal Women's Twentieth Century History
POL-3xxx(3) Aboriginal/Indigenous Politics elective TBA
UIC-2001(3) Community Development/Community Economic Development

YEAR FIVE: Spring/Summer, Fall, Winter
ENGL/IS-3717(3) Indigenous Literatures and Cultures *(or another Indigenous Literature elective TBA)*
HR-2101(6) Human Rights from Local to Global
IS-3012(3) Ethnoecology: a Research Approach
IS-3100(3) Special Topics in Indigenous Studies
UIC/BUS-2030(3) Management and Financial Administration for Community Leadership

YEAR SIX: Spring/Summer, Fall, Winter
CRS/IDS-2443(3) Conflict & Development Issues in Indigenous Communities
IS-3xxx(3) Indigenous Studies elective TBA
IS-3100(3) Special Topics in Indigenous Studies
IS-3xxx(3) Indigenous Studies elective TBA
POL-3xxx(3) Aboriginal/Indigenous Politics elective TBA

REQUIREMENTS FOR A MINOR IN INDIGENOUS STUDIES

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.

Minor: 18 credit hours, at least 12 credit hours of which are above the first-year level, and at least 12 credit hours of which are taken at The University of Winnipeg. Other courses may be considered as meeting the minor requirements – see the Dept. Chair for permission.

Required Course: **IS-1016**(3)Introduction to Indigenous Studies: Art, Culture and History
AND
IS-1017(3) Introduction to Indigenous Studies: Politics and Governance, AND

3 credit hours of Indigenous Cultures and Histories – may be met by taking one of the following:
IS-2040 Indigenous Women and Resilience
IS-2050 Indigenous Peoples, Land and Resources

IS-3101 Contemporary American Indian Policy in Cultural Context;
IS-2001 Special Topics in Indigenous Studies
IS-3001 Special Topics in Indigenous Studies
IS-3901 Directed Readings
IS-4200 Seminar in Selected Topics (with permission of IS Chair) OR any HIST electives accepted (above 1xxx level) for the Indigenous Studies BA, including cross listed electives.

3 credit hours of Indigenous Sciences and Knowledge systems – may be met by taking one of the following:
IS/UIC-1010 Indigenous Ways of Knowing
IS-2001 Special Topics in Indigenous Studies
IS-3001 Special Topics in Indigenous Studies
IS-3901 Directed Readings
IS-3010 Protection of Indigenous knowledge systems
IS-3012 Ethnoecology: A Research Approach
IS-3201 Indigenous Ethnobotany Field School
IS-4021 Pathways to Indigenous Wisdom
IS-4022 Indigenous Research Methodologies and Ethics
IS-4024 Biocultural Diversity Conservation: Striking a balance between Science and Indigenous Knowledge practices
IS-4026 Community Food Security: Indigenous and International perspectives
IS-4200 Seminar in Selected Topics with permission of IS Chair

6 credit hours of Indigenous Politics/Governance – may be met by taking 6 credit hours of the following:
IS-2040 Indigenous Women and Resilience
IS-2050 Indigenous Peoples, Land and Resources
IS 2060 Indigenous Treaties in Canada
IS-2301 Community Development
IS-3100 International Rights of Indigenous Peoples
IS-4020 Indigenous Self Determination
IS-4023 Indigenous Peoples, Globalization & Development
IS-2001 Special Topics in Indigenous Studies
IS-3001 Special Topics in Indigenous Studies
IS-3901 Directed Readings
IS-4703 Indigenous Education in the Era of Globalization
IS-4200 Seminar in Selected Topics with permission of IS Chair.

COURSE LISTINGS

IS-1010 (3)	Indigenous Ways of Knowing
IS-1016(3)	Introduction to Indigenous Studies: Art, Culture and History
IS-1017(3)	Introduction to Indigenous Studies: Politics and Governance
IS-1101 (6)	Introductory Cree
IS-1101L	Introductory Cree Lab
IS-1201 (6)	Introductory Ojibwe
IS-1201L	Introductory Ojibwe Lab
IS-2001 (3 or 6)	Special Topics in Indigenous Studies
IS-2010 (3)	Indigenous Movements & Resistance in Latin America
IS-2020 (3)	Colonization and Aboriginal Peoples
IS-2030(3)	Management and Financial Administration for Community Leadership
IS-2040 (3)	Indigenous Women and Resilience
IS-2050 (3)	Indigenous Peoples, Lands, and Resources
IS-2060 (3)	Indigenous Treaties in Canada
IS-2101 (6)	Intermediate Cree
IS-2101L	Intermediate Cree Lab
IS-2201 (6)	Intermediate Ojibway
IS-2201L	Intermediate Ojibway Lab
IS-2240 (3)	Indigenous Justice Issues
IS-2301 (3)	Community Development
IS-2401 (3)	Indigenous Food Systems Field School
IS-3001 (3 or 6)	Special Topics in Indigenous Studies
IS-3010 (3)	Protecting Indigenous Knowledge Systems
IS-3012 (3)	Ethnoecology: A Research Approach
IS-3035 (3)	Human Resource Management for Community Leadership
IS-3100 (6)	International Rights of Indigenous Peoples
IS-3101 (3)	Contemporary American Indian Policy in Cultural Context
IS-3102 (3)	Indigenous Policy
IS-3104 (3)	Indigenous Languages of South America
IS-3125 (3)	The Intergenerational Legacy of Residential Schools
IS-3147 (3)	Development, Indigenous Property

IS-3201 (3)	Ethnobotany Field School
IS-3201L	Ethnobotany Field School Lab
IS-3523 (3)	Indigenous Women's History
IS-3590 (3)	Indigenous Health History
IS-3717 (3 or 6)	Indigenous Literatures & Cultures
IS-3723 (3 or 6)	Indigenous Texts and Cultures
IS-3901 (3 or 6)	Directed Readings
IS-4000 (3 or 6)	Indigenous Studies Practicum
IS-4020 (3)	Indigenous Self-Determination
IS-4021 (6)	Pathways to Indigenous Wisdom
IS-4022 (6)	Indigenous Research Methodologies and Ethics
IS-4023 (3)	Indigenous Peoples, Globalization and Development
IS-4024 (3)	Biocultural Diversity Conservation Balancing Scientific and Indigenous Knowledge Practices
IS-4025 (3)	Indigenous Languages: Culture, Rights, and Conflicts
IS-4026 (3)	Community Food Security : Indigenous and International Perspectives
IS-4028 (3)	Human and Indigenous Rights in Latin America Field School
IS-4200 (3 or 6)	Seminar in Selected Topics
IS-4445 (3)	Urban Aboriginal Seminar
IS-4703 (3 or 6)	Indigenous Education in an Era of Globalization
IS-4717 (3 or 6)	Topics in Indigenous Literary and Culture

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called "All course descriptions" in the "Academic Calendar" section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

INTERNATIONAL DEVELOPMENT STUDIES (IDS)

(OFFERED IN COOPERATION WITH MENNO SIMONS COLLEGE)

Updated Feb 8, 2018

Coordinator: Neil Funk-Unrau (Associate Dean of Menno Simons College); Professor: J. Buckland; Associate Professor: R. Rempel; Assistant Professors: K. Patel, J. Sears.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Minor

INTRODUCTION

International Development Studies (IDS) is an interdisciplinary major that challenges students to explore the causes and consequences of processes that promote some individuals, communities, and nations, and exclude others. IDS students are prepared for citizenship in an increasingly interdependent global community and are encouraged to envision paths towards a transformed, just world. The IDS program is jointly offered by Menno Simons College (MSC) and the University of Winnipeg. The interdisciplinary major of IDS can be taken alone or can be effectively combined with another major like Anthropology, Conflict Resolution Studies, Economics, Environmental Studies, Politics, or Sociology. All MSC students register as University of Winnipeg students and all degrees are University of Winnipeg degrees. For additional information about Menno Simons College, see the "Other Programs" section of this Calendar.

The IDS program builds on the strength of College-offered interdisciplinary courses, referred to as IDS Core Courses, and University-offered disciplinary courses, referred to as IDS Area Courses. IDS Core Courses accent problem-based analysis and creative thinking within an explicit ethical framework, rooted in community. IDS Core Courses also address both theoretical and practical development issues. IDS Area Courses include key courses offered by traditional disciplines and interdisciplinary programs that have historically been engaged in, or relate to, the study of development. The IDS program focuses on development processes at the global, national and community levels, but gives particular emphasis to development at the community level and to the work of non-governmental organizations and popular movements. Students in the IDS program are encouraged to engage in experience-based learning through the College's practicum program.

Students choosing to major in IDS should consider the following points:

1. The 3-Year IDS BA is designed to serve students with an interest in international issues, but who are not necessarily planning to seek work or do further study in the field of IDS. The 4-Year IDS BA is designed to serve students who plan to work in the field of development, whether overseas or in North America, and to prepare students for graduate studies in IDS or a related field.

2. The IDS Minor complements a student's major area of study with a focus on initiatives that address poverty and marginalization at the local, national or global level. Students have the option of consulting with the Menno Simons College Academic Advisor for assistance in planning a Minor.

3. From 2007-08 requirements for the 3-Year IDS BA underwent a small change and requirements for the 4-Year IDS BA underwent a significant change from 2005-06. Students who registered at the University of Winnipeg prior to 1 May 2006 may choose to follow the old IDS degree requirements or to adopt the new ones. Students who register after 1 May 2006 must follow the new requirements detailed below.

4. In 2016 the IDS Honours BA was suspended. Students who declared an IDS Honours Major before September 6, 2016 may still complete their major following the degree requirements outlined in the 2016-17 Academic Calendar (or for the year in which they declared). The Honours Major may no longer be declared.

5. Please note that some IDS Area Courses have course prerequisites. IDS students are expected to complete these prerequisites or make alternative arrangements with the particular department or program.

REQUIREMENTS FOR A 3-YEAR BA IN INTERNATIONAL DEVELOPMENT STUDIES

ADMISSION REQUIREMENT Students must consult with the MSC Academic Advisor in planning their course of study.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours
Major: Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major: Minimum 36 credit hours from International Development Studies (IDS); Core Courses (18 credit hours) and IDS Area Courses (18 credit hours).
Maximum 48 credit hours from IDS Core Courses.

Double Major: Minimum 36 credit hours from International Development Studies (IDS); Core Courses (18 credit hours) and IDS Area Courses (18 credit hours). Maximum 48 credit hours from IDS Core Courses. Students must also meet the specified number of credit hours from the other major (may vary since some courses can be credited to both majors).

Students are required to take 36 credit hours in IDS, selected as follows:
A minimum of 18 credit hours from the group titled IDS CORE COURSES.
A minimum of 18 credit hours from the group titled IDS AREA COURSES.
In meeting the IDS CORE COURSES requirement, all the following courses must be completed:

- **IDS-1100(6)** Introduction to International Development Studies
- **IDS-2110(3)** Participatory Local Development*
- **IDS-3111(3)** Development Aid Policy & Practise*

In meeting the IDS AREA COURSES requirement, a minimum of 6 credit hours must be chosen from the following:

- **ANTH-2100(3)** Method and Theory in Cultural Anthropology*
- **ECON-1104(3)** Introduction to Economic Theory, or **ECON-1106(3)** Introduction to Economic Development, or **ECON-1102(3)** Introduction to Economics: Micro AND **ECON-1103(3)** Introduction to Economics: Macro
- **GEOG-3402(3)** Urbanization in the Developing World*****
- **POL-3110(3)** International Organization* or **POL-2100(6)** Global Politics or **POL-3105(3)** Global Political Economy* or **POL-3130(3)** Canada in World Affairs*
- **ENV/IDS-2603(3)** Environmental Sustainability: A Global Dilemma*
- **SOC-3101(6)** Globalization and Social Justice: A Sociological Perspective* or **SOC-3104(6)** Globalization and Societies in the World System*
- **CRS-2241(3)** Conflict and Culture* or **CRS-3931(3)** Conflict Resolution and Human Rights*
- **WGS-2416(3)** Sex, Gender, Space and Place*

Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Prescribed courses:

- **IDS-1100(6)** Introduction to International Development Studies
- **IDS-2110(3)** Participatory Local Development*
- **IDS-3111(3)** Development Aid Policy and Practise *****

Additional required IDS courses are to be determined in consultation with the MSC Academic Advisor. In addition to the minimum 18 credit hours from each major subject, students can count IDS Area courses toward the required minimum 48 credit hours.

REQUIREMENTS FOR A 4-YEAR BA IN INTERNATIONAL DEVELOPMENT STUDIES

ADMISSION REQUIREMENT Students must consult with the MSC Academic Advisor in planning their course of study.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 54 credit hours from IDS Core Courses (30 credit hours) and IDS Area Courses (24 credit hours). Maximum 84 credit hours from IDS Core and Area Courses.
Double Major:	Minimum 54 credit hours from IDS Core Courses (30 credit hours) and IDS Area Courses (24 credit hours). Maximum 84 credit hours from IDS Core and Area Courses. Students must also meet the specified number of credit hours from the other major (may vary since some courses can be credited to both majors).

As IDS is an interdisciplinary major, the normal disciplinary four-year maximum of 66 credit hours is extended to permit students to take the maximum from the IDS Core Courses (60 credit hours) plus the minimum from the IDS Area Courses (24 credit hours). IDS Area Courses beyond 24 credit hours can be used to meet cognate requirements or as electives for graduation requirements.

Cognate: Minimum 18 credit hours/maximum 36 credit hours, including a minimum 9 credit hours/maximum 15 credit hours from designated applied research or skills-related courses;, a minimum 3 credit hours/maximum 6 credit hours of language study courses, plus a minimum 6 credit hours in IDS Core/Area/research/skills-related courses (if 6 credit hours of language are completed, a minimum 3 credit hours in IDS Core/Area/research/skills-related courses is required).

Minimum Major and Cognate Courses: 72 credit hours.
The cognate requirement is in addition to the major requirement (minimum 54 credit hours). Cognate requirements beyond the minimum of applied research or skills-related courses (9 credit hours) and language study courses (3 credit hours) can be met through IDS Core or Area Courses, as long as the sum of Cognate and Major Requirements is the minimum 72 credit hours.
Maximum Major and Cognate Courses: 90 credit hours

In meeting the IDS CORE COURSES requirement, all the following courses must be completed:

IDS-1100(6)	Introduction to International Development Studies
IDS-2110(3)	Participatory Local Development*
IDS-2171(3)	Crisis, Humanitarian Aid and Development* (formerly Crisis, Vulnerability and Development)
IDS-3101(3)	Development Ethics*
IDS-3111(3)	Development Aid Policy and Practise*
IDS-3199(3)	Practicum in International Development Studies*
IDS-4100(3)	Senior Seminar in International Development Studies*
IDS-4920(3)	Program Planning in Development and Conflict Resolution* or **IDS-4922(3)** Program Evaluation in Development and Conflict Resolution*

In meeting the IDS AREA COURSES requirement, the following course must be completed:

ECON-1104(3)	Introduction to Economic Theory, or **ECON-1106(3)** Introduction to Economic Development, or **ECON-1102(3)** Introduction to Economics: Micro AND **ECON-1103(3)** Introduction to Economics: Macro. (Note: If **ECON-1102(3)** and **ECON-1103(3)** are taken, only three (3) credit hours are needed from the short list below.)

Plus a minimum of 6 credit hours must be chosen from the following:

ANTH-2100(3)	Method and Theory in Cultural Anthropology*
GEOG-3402(3)	Urbanization in the Developing World*
POL-3110(3)	International Organization* or **POL-2100(6)** Global Politics or **POL-3105(3)** Global Political Economy* or **POL-3130(3)** Canada in World Affairs*
ENV/IDS-2603(3)	Environmental Sustainability: A Global Dilemma*
SOC-3101(6)	Globalization and Social Justice: A Sociological Perspective* or **SOC-3104(6)** Globalization and Societies in the World System*

CRS-2241(3) Conflict and Culture* or **CRS-3931(3)** Conflict Resolution and Human Rights*
WGS-2416(3) Sex, Gender, Space and Place*

In meeting the IDS COGNATE requirement, a minimum of 9 /maximum of 15 credit hours must be completed from the following Research Methods and Skills Related Courses (note: courses marked with * have prerequisites):

Research Methods Courses

IDS/CRS-3920(3)	Action Research Methods*
ANTH-3117/4117(3)	Ethnohistoric Methods and Theory*
ANTH-3125/4125(3)	Ethnographic Research Methods*
ECON-3201(3)	Econometrics for Economics and Finance*
ECON-3316(3)	Cost Benefit Analysis and Project Evaluation*
ECON-4201(3)	Econometrics*
ENV-3609(3)	Research Methods and Design*
ENV-3610(3)	Research Projects*
ENV-4611(6)	Environmental Impact Assessment*
HIST-3005(6)	Introduction to Oral History
HIST-3526/4526(3)	Ethnohistoric Methods and Theory*
IS-3012/ANTH-3170(3)	Ethnoecology: A Research Approach*
IS-4022(6)	Indigenous Research Methodologies and Ethics
PSYC-2101(3)	Introduction to Data Analysis*
PSYC-2102(3)	Introduction to Research Methods*
RHET-2135(3)	Rhetorical Criticism*
SOC-2125(3)	Introduction to Quantitative Research Methods*
SOC-2126(3)	Introduction to Research Design and Qualitative Research*
SOC-4116(3)	Seminar in Quantitative Research Methods*
SOC-4126(3)	Seminar in Qualitative Research Methods*
STAT-1301(3)	Statistical Analysis I*
STAT-1302(3)	Statistical Analysis II*
WGS-3200(6)	Feminist Research Methodologies Seminar*

Skills Related Courses

CRS-2252(3)	Conflict and Communication*
CRS-2271(3)	Conflict Within Groups*
CRS-2431(3)	Negotiation Theory and Practice*
IDS/CRS-4920(3)	Program Planning in Development and Conflict Resolution*
IDS/CRS-4922(3)	Program Evaluation in Development and Conflict Resolution*
RHET-2131(3)	Professional Style and Editing*
RHET-2145(3)	Theories and Practices of Oral Communication*
RHET-2350(3)	Writing in Digital Spaces*
RHET-3340(3)	Technical and Professional Communication*

Language Courses

Four-year IDS majors must take a minimum 3/maximum 6 credit hours of language study. For students whose first language is not English, an alternative course from Rhetoric & Communications may be substituted, with permission from the MSC Academic Advisor.

EALC-1100(6)	Introduction to Japanese Language
EALC-1200(6)	Introduction to Chinese Language
EALC-1300(6)	Introduction to Korean Language
FREN-1101(3)	Elementary French 1
FREN-1102(3)	Elementary French 2
FREN-1103(3)	Elementary French 3
FREN-1104(3)	Intermediate French 1*
FREN-2105(3)	Intermediate French 2*
IS-1101(6)	Introductory Cree
IS-1201(6)	Introductory Ojibwe
REL-2010(6)	Introduction to Modern Standard Arabic*
SPAN-1001(6)	Introductory Spanish
SPAN-2001(6)	Intermediate Spanish*

Other language courses may be eligible for IDS credit; please contact the MSC Academic Advisor.

An additional 6 credit hours in IDS Core/Area/research/skills-related courses are required to fulfill the IDS Cognate requirement for the 4-year IDS major (NOTE: If students complete 6 credit hours of language study, a minimum 3 credit hours in IDS Core/Area/research/skills-related courses is required).

Skills learning is an essential part of the 4-year IDS program. If you are interested to learn more, view the document, "Skills Learning to Engage in International Development," available on the MSC website at http://mscollege.ca/docs/academics/MSC_IDS_Skills_Learning_Report.pdf. In special cases, some skills learning courses may be available for academic credit BUT you must contact the MSC Academic Advisor for permission.

Combined Major: Minimum 60 credit hours from two different majors with a minimum of 24 credit hours from each major subject.

Prescribed courses:

IDS-1100(6)	Introduction to International Development Studies
IDS-2110(3)	Participatory Local Development*
IDS-3101(3)	Development Ethics*
IDS-3111(3)	Development Aid Policy and Practise*
IDS-3199(3)	Practicum in International Development Studies*
IDS-4100(3)	Senior Seminar in International Development Studies*

Additional required IDS courses are to be determined in consultation with the MSC Academic Advisor.

REQUIREMENTS FOR AN HONOURS BA IN INTERNATIONAL DEVELOPMENT STUDIES

NOTE: The IDS Honours BA was suspended in 2016. Students may no longer declare this Major.

ADMISSION REQUIREMENT

Entry into the Program after completing a minimum of 30 credit hours.
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses* and 2.5 (C+) in Non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e. F's are not included, and in the case of repeated courses, only the highest grade will be used).
Students **must** consult with the MSC Academic Advisor in planning their course of study.
***Honours Subject courses are defined as the required IDS Core and Area courses plus the courses taken to meet the minimum IDS Honours Theory and Research requirements.**

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at the 3/4000 level, and a minimum of 12 credit hours at the 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours: Minimum 63 credit hours from International Development Studies: Core Courses (36 credit hours) and Area Courses (27 credit hours). In addition, 6 credit hours of designated Theory Courses (listed below) and 9 credit hours of designated Research Courses (listed below) must be completed.
Maximum 78 credit hours from IDS Core and Area Courses. Single Honours students are required to take a minimum of 30 credit hours at the 3/4000 level, of which 15 credit hours must be at the 4000 level.
As IDS is an interdisciplinary major, students may use IDS Area Courses beyond 27 credit hours as electives to meet graduation requirements.

Note: Not all Honours (4000 level) courses are offered every year. Students must plan their program in advance and in consultation with the MSC Academic Advisor to ensure they are able to meet graduation requirements by their anticipated final year of study.

IDS Core Courses (36 credit hours)

Required IDS Core Courses:

IDS-1100(6)	Introduction to International Development Studies
IDS-2110(3)	Participatory Local Development*
IDS-3101(3)	Development Ethics*
IDS-3111(3)	Development Aid Policy and Practise*
IDS-3199(3)	Practicum in International Development Studies*
IDS-4100(3)	Senior Seminar in International Development Studies*
IDS-4110(6)	Development Theory*
IDS-4120(3)	Honours Thesis*

Plus 6 credit hours selected from the following IDS Core Courses:

IDS-2130(6)	A History of the Developing World*
IDS-2183(3)	African Development Issues*
IDS-2186(3)	Regional Development Issues*

IDS Area Courses (27 credit hours)

Required IDS Area Courses:
ECON-1104(3) Introduction to Economic Theory, or **ECON-1106(3)** Introduction to Economic Development, or **ECON-1102(3)** Introduction to Economics: Micro AND **ECON-1103(3)** Introduction to Economics: Macro.

Plus an additional 24 credit hours of IDS Area courses (or 21 credit hours if ECON-1102(3) and ECON-1103(3) are chosen). The selection of IDS Area courses by Honours students should be done in consultation with the MSC Academic Advisor.

Cognate, Theory and Research Methods Courses (note: courses marked with * have prerequisites)
Theory Courses: a minimum of 6 credit hours selected from the following:

ANTH-3100/4100(3) History of Anthropology*
ANTH-4401(3) Semiotics and Structuralism*
CRS/IDS-3910(3) Peace Theory and Practice*
CRS/IDS-4910(3) Conflict and Construction of the Other*
ECON-2101(3) Intermediate Economics: Micro*
ECON-2102(3) Intermediate Economics: Macro*
ECON-3321(3) History of Economic Thought I*
ECON-3322(3) History of Economic Thought II*
ENGL-3151(6) Critical Theory: An Introduction*
PHIL/POL-2200(6) Social and Political Philosophy
PHIL-2201(6) Moral Philosophy
POL-3250(3) Violence, Hegemony and the Rise of Mass Politics
POL-3255(3) Liberals, Marxists and Anarchists
POL-4200(3) Feminist Political Thought*
POL-4215(6) Seminar in Political Thought*
RHET-3138(3) Modern Rhetorical Theory*
RHET-3151(3) Critical Studies of Discourse*
WGS-3301(3) Feminisms: Background and Fundamentals*
WGS-3302(3) Feminisms: Current Perspectives*
WGS-4004(3) Cultural Studies and Feminisms*
WGS-4200(3) Advanced Feminist Theory*

Research Methods Courses: a minimum of 9 credit hours selected from the following:

IDS/CRS-3920(3) Action Research Methods*
ANTH-3117/4117(3) Ethnohistoric Methods and Theory*
ANTH-3125/4125(3) Ethnographic Research Methods*
ECON-3201(3) Econometrics for Economics and Finance*
ECON-3316(3) Cost Benefit Analysis and Project Evaluation*
ECON-4201(3) Econometrics*
ENV-3609(3) Research Project and Design*
ENV-3610(3) Research Projects*
ENV-4611(6) Environmental Impact Assessment*
HIST-3005(6) Introduction to Oral History
HIST-3526/4526(3) Ethnohistoric Methods and Theory*
IS-3012/ANTH-3170(3) Ethnoecology: A Research Approach*
IS-4022(6) Indigenous Research Methodologies and Ethics
PSYC-2101(3) Introduction to Data Analysis*
PSYC-2102(3) Introduction to Research Methods*
RHET-2135(3) Rhetorical Criticism*
SOC-2125(3) Introduction to Quantitative Research Methods*
SOC-2126(3) Introduction to Research Design and Qualitative Research*
SOC-4116(3) Seminar in Quantitative Research Methods*
SOC-4126(3) Seminar in Qualitative Research Methods*
STAT-1301(3) Statistical Analysis I*
STAT-1302(3) Statistical Analysis II*
WGS-3200(6) Feminist Research Methodologies Seminar*

Double Honours: Minimum 36 credit hours in each Honours subject, including:

IDS-1100(6) Introduction to International Development Studies
IDS-2110(3) Participatory Local Development* (or the former IDS-3110(3))
IDS-3111(3) Development Aid Policy and Practise*
IDS-2183(3) African Development Issues* or **IDS-2186(3)** Regional Development Issues*
IDS-3101(3) Development Ethics*
IDS-3199(3) Practicum in International Development Studies*
IDS-4100(3) Senior Seminar in International Development Studies*
IDS-4110(6) Development Theory*
IDS-4120(3) Honours Thesis* (Note: this requirement can be met by a thesis course from the other Honours area)

Plus a minimum of 6 credit hours selected from the list of IDS Theory Courses and a minimum of 9 credit hours selected from the list of IDS Research Courses.

For the requirements of the other Honours subject, consult the department or program involved.

Double Honours students are required to take a minimum of 24 credit hours at the 3/4000 level, of which a minimum of 15 credit hours must be at the 4000 level.

REQUIREMENTS FOR A MINOR IN INTERNATIONAL DEVELOPMENT STUDIES

Degree: Students must complete a BA in another program to be eligible to hold the Minor.

Minor: 18 credit hours in the Minor subject, with minimum of 12 credit hours above the 1000-level

Residence Requirement: Minimum 12 credit hours in the Minor subject

Required courses: Minimum 18 credit hours of International Development Studies courses, including:
IDS-1100(6) Introduction to International Development Studies
At least one of:
IDS-2110(3) Participatory Local Development, or
IDS-3111(3) Development Aid Policy and Practise
An additional 9 credit hours in IDS Core courses at or above the 2000 level.
Note: Students may include a 3 credit hour IDS Practicum (IDS-3199) in their minor, provided they meet the pre-requisites for this course.

Restrictions: Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Practicum Opportunities:
A practicum placement enables students to develop skills and apply classroom theory to real-life situations. It requires significant preparatory work and generally lasts from three to six months in either a local or international setting. **Students must explore options with the Practicum Director well in advance of the term in which they propose to engage in these practicum activities.** To register, students need permission from the Practicum Director and must have a cumulative grade point average of 2.75.

Required Core Courses for Practicum:
15 credit hours of core IDS courses, including:

IDS-1100(6)	Introduction to International Development Studies
IDS-2110(3)	Participatory Local Development* (or the former IDS-3110(3))

COURSE LISTINGS

IDS Core Courses

IDS-1100(6)	Introduction to International Development Studies
IDS/HR-1200(3)	Global Citizenship
IDS/HR-1250(1.5)	Experience in Global Citizenship
IDS-2110(3)	Participatory Local Development*
IDS/HIST-2130(6)	A History of the Developing World*
IDS-2131(3)	Rural Development*
IDS/ANTH-2160(3)	Indigenous People and the Industrial State*
IDS-2171(3)	Crisis, Humanitarian Aid and Development*
IDS-2183(3)	African Development Issues*
IDS-2186(3)	Regional Development Issues*
IDS/CRS-2443(3)	Conflict and Development Issues in Indigenous Communities*
IDS/ENV-2521(3)	Study of Voluntary Simplicity*
IDS/REL-2804(3)	Global Perspectives on Aboriginal Societies, Spiritualities and the Environment
IDS-3101(3)	Development Ethics*
IDS-3111(3)	Development Aid Policy and Practise*
IDS-3141(3)	The Participatory Community Economy*
IDS/MENN-3150(3)	Mennonite Community and Development*
IDS/ANTH-3160(3)	Cultural Perspectives on Global Processes*
IDS-3182(3)	Selected Topics in International Development Studies*
IDS-3193(3)	Directed Readings in International Development Studies*
IDS-3198(6)	Practicum in International Development Studies*
IDS-3199(3)	Practicum in International Development Studies*
IDS/UIC-3210(3)	Community Organizing*
IDS/CRS-3901(3)	Humanitarian Aid and Conflict: Do No Harm*
IDS/CRS-3920(3)	Action Research Methods*
IDS-4100(3)	Senior Seminar in International Development Studies*
IDS-4110(6)	Development Theory*
IDS-4120(3)	Honours Thesis*
IDS-4182(3)	Selected Topics in IDS*
IDS-4193(3)	Directed Readings in IDS*
IDS/CRS-4920(3)	Program Planning in Development and Conflict Resolution*
IDS/CRS-4922(3)	Program Evaluation in Development and Conflict Resolution*

IDS Area Courses

Prerequisites: Students are advised that certain courses have prerequisites as indicated by an asterisk (*).

ANTH-1002(3)	Introductory Cultural Anthropology and Linguistics
ANTH-2100(3)	Method and Theory in Cultural Anthropology*

ANTH-2103(3) Ethnography of North American First Peoples
ANTH-3103(3) Applied Anthropology*
BIOL-1106(3) Environmental Biology
BUS-2300(3) Fundamentals of Co-Operatives*
BUS-3300(3) Management of Co-Operatives *
CRS-1200(6) Introduction to Conflict Resolution Studies
CRS-2241(3) Conflict and Culture*
CRS/IDS-3910(3) Peace Theory and Practice*
CRS-3931(3) Conflict Resolution and Human Rights*
CRS/IDS-4910(3) Conflict and the Construction of the Other*
ECON-1102(3) Introduction to Economics: Micro
ECON-1103(3) Introduction to Economics: Macro
ECON-1104(3) Introduction to Economic Theory
ECON-1106(3) Introduction to Economic Development
ECON-2317(3) Environmental Economics*
ECON-3301(3) International Trade: Theory and Policy*
ECON-3302(3) International Finance: Theory and Policy*
ECON-3305(3) Economic Development*
ECON-3306(3) International Aspects of Economic Development*
ECON-3317(3) Economic Development in the Asia Pacific Region*
ENV-1600(3) Human-Environmental Interactions
ENV/IDS-2603(3) Environmental Sustainability: A Global Dilemma*
ENV-3609(3) Research Methods and Design*
ENV-3610(3) Research Projects*
ENV-4611(6) Environmental Impact Assessment*
GEOG-2204(3) Human Impact on the Environment*
GEOG-2212(3) Natural Hazards*
GEOG-2401(3) Agricultural Geography
GEOG-2411(3) Geography of Globalization*
GEOG-2417(3) An Introduction to Economic Geography*
GEOG-2431(3) Population Geography*
GEOG-3402(3) Urbanization in the Developing World*
GEOG-3413(3) Urban Revitalization: Rebuilding of Decaying Cities*
GEOG-3508(3) Geographical Issues in the Developing World*
HIST-2110(6) The Twentieth-Century World
HIST-2116(6) Survey History of Latin America
HIST-2170(6) Islam and the West
HIST-2411(6) History of Asia since 1500
HIST-2413(3) South Asia since 1500
HIST-2414(3) History of East Asia since 1500
HIST-2509(6) History of the Indigenous Peoples of Canada
HIST-2510(3) Indigenous Peoples of Canada to 1815
HIST-2511(3) Indigenous Peoples of Canada Since 1815
HIST-2700(6) History of Africa
HIST-3007(6) Topics in History of Food
HIST/MENN-3114(3) Latin America and the Mennonites
HIST-3115(6) The History of Spanish American Political Culture
HIST/MENN-3116(3) Mennonites and World Issues
HIST-3525(3) History of the Métis in Canada
HIST-3703(3) South Africa in the Modern World
HIST-3704(3) West Africa in the Twentieth Century
IS-2050(3) Indigenous Peoples, Land and Resources*
IS-3012/ANTH-3170(3) Ethnoecology: A Research Approach*
PHIL-2233(3) Environmental Ethics
POL-2100(6) Global Politics
POL-3105(3) Global Political Economy*
POL-3110(3) International Organization*
POL-3115(3) Gender and Global Politics*
POL-3130(3) Canada in World Affairs*
POL-3135(3) Global Security*
POL-3400(3) Indigenous Politics in Canada
POL-3405(3) Indigenous Politics in Manitoba
POL-3411(3) Indigenous People in Canada & the Law
POL-3415(3) Indigenous Justice & Canadian Law
POL-3510(3) Interest Groups and Social Movements
POL-3520(3) Community Democracy in a Global Age
POL-4105(3) Seminar in Global Political Economy*
POL-4110(3) Seminar in International Organization*
POL-4120(3) Seminar in Canadian Foreign Policy*
PSYC-3450(3) Organizational Leadership and Decision Making*
REL-1002(3) Exploring Religion: The World's Religions
REL-2402(3) Fundamentalisms in Global Perspective
REL-2511(3) Religion and Society: The Critique of Development
REL-2703(3) Religions of India
REL-2704(3) Buddhist Traditions in India and Southeast Asia
REL/EALC-2707(3) Chinese Religions
REL-2711(3) Contemporary Islam
REL-2715(3) African Religions
REL-2801(3) Introduction to Indigenous Spirituality
REL-2802(3) Indigenous and Christian Encounter
REL/IDS-2804(3) Global Perspectives on Indigenous Societies, Spiritualities and the Environment
REL-3551(3)/4551(3) Religion and Social Change
RHET-2131(3) Professional Style and Editing*
RHET-3151(3) Critical Studies of Discourse*
RHET-3340(3) Technical and Professional Communication*
SOC-2105(6) Race, Ethnic and Aboriginal Relations*
SOC-2125(3) Introduction to Quantitative Research Methods*
SOC-2126(3) Introduction to Research Design and Qualitative Research*
SOC-2404(3) Sociology of Development and Underdevelopment*
SOC-3101(6) Globalization and Social Justice: A Sociological Perspective*
SOC-3104(6) Globalization and Societies in the World System*
SOC-3204(3) Economic Sociology*
SOC-4116(3) Seminar in Quantitative Research Methods*
SOC-4126(3) Seminar in Qualitative Research Methods*
STAT-1301(3) Statistical Analysis I*
STAT-1302(3) Statistical Analysis II*
UIC-2001(3)/IS-2301(3) Community Development
UIC/IS/BUS-2030(3) Management and Financial Administration for Community Leadership*
UIC/WGS-3020(3) Women and the Inner City
UIC-3030/GEOG-3432(3) Urban and Community Planning*
UIC-3050(3) Immigration and the Inner City
UIC-3240(3) Poverty and the Law
WGS-2270(3) Food Cultures, Sex and Gender
WGS/GEOG/ENV-2416(3) Sex, Gender, Space and Place*
WGS-3200(6) Feminist Research Methodologies Seminar*

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

ITALIAN STUDIES (ITAL)

Updated January 31, 2018

Note: The department/program code ITAL replace the former code 21. Students cannot hold credit in ITAL-xxxx and the former 21.xxxx having the same course number (e.g., ITAL-1001(6) and 21.1001(6)).

Chair of Modern Languages & Literatures: Professor S.A. Viselli.

INTRODUCTION

The culture, history and language of Italy are centuries old. Italians have made major contributions to film, architecture, fine arts, music, food, fashion, sciences and technology. The large Italian diaspora has caused Italian - often considered one of the most romantic and melodic of languages - to become one of the most widely spoken languages in the world.

The Department of Modern Languages and Literatures offers Italian language and culture courses at the introductory and intermediate level. Students gain knowledge and competence in oral and written Italian while also learning to appreciate the richness and diversity of Italian culture. If you plan to explore the mediaeval villages of Tuscany, visit the Uffizi Gallery in Florence, read Dante's *Inferno* in the original or even learn to make pizza as the Neapolitans make it, learning Italian is an excellent first step!

No previous knowledge of Italian is required to enroll in ITAL-1001(6).

COURSE LISTINGS

Students registering for their first Italian Studies course are strongly encouraged to consult a departmental advisor. Students are advised to use WebAdvisor or consult the appropriate Timetable on the website for the courses offered in the upcoming term.

ITAL-1001(6)	Introductory Italian	ITAL-2003(3)	Italian Language and Culture
ITAL-2002(3)	Intermediate Italian	ITAL-2201(3)	Italian Food and Culture

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called "All course descriptions" in the "Academic Calendar" section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

KINESIOLOGY AND APPLIED HEALTH (KIN)

Updated May 7, 2018

The Department of Kinesiology and Applied Health is part of the Gupta Faculty of Kinesiology and Applied Health

Chair: Associate Professor M. Gregg; Professor: G. Bergeron; **Associate Professors**: N.Hall, R.Pryce, D. Telles-Langdon; **Assistant Professors**: D. Defries, A. Hussain; **Instructors**: A. Bedard, J. Billeck, G. McDonald, L. McKay, V. Pelleck, B. Trunzo.

DEGREES/PROGRAMS OFFERED

3-Year BPHE
4-Year BKin.
4-Year BKin. (Sport Coaching)
4-Year BSc. (Exercise Science)
4-Year BSc. (Athletic Therapy)

MISSION

Our mission is to provide an environment where students in Kinesiology and Applied Health can pursue their potential through our commitment to excellence in teaching, research, and community service.

INTRODUCTION

Kinesiology is the art and science of human movement from a psychological, sociological, biological, mechanical and physiological perspective. Professionals in the field of Kinesiology are interested in increasing physical activity participation, enhancing sport performance, development of physical literacy, the technical and tactical aspects of coaching, the short and long term effects of exercise and the role of physical activity in society.

The Department of Kinesiology and Applied Health at The University of Winnipeg is student-centred with small classes and labs and accessible professors. Our professors have expertise and research interests in areas that include adapted physical activity, physical activity and aging, sports nutrition, coaching, sport and exercise psychology, motor behaviour, exercise physiology, biomechanics, and athletic therapy

REQUIREMENTS FOR A 3-YEAR BACHELOR OF PHYSICAL AND HEALTH EDUCATION (BPHE)

ADMISSION REQUIREMENT — Students are advised to consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT — 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 48 credit hours.
Double Major:	Minimum 48 credit hours in Kinesiology and Applied Health and specified number of credit hours in the other department/program.

KINESIOLOGY MAJOR (Teachable Major)

Required Courses:

KIN-1101(3)	Introduction to Kinesiology
KIN-1302(3)	Teaching Individual Physical Activities or KIN-1303(3) Teaching Team Physical Activities
KIN-2105(3)	Sport Psychology
KIN-2202(3)*	Prevention and Care of Sport Injuries
KIN-2301(3)*	Human Anatomy
KIN-2304(3)*	Scientific Principles of Fitness and Conditioning
KIN-2305(3)	Issues in Health
KIN 3103(3)	Adapted Physical Activity
KIN 3305(3)	Physical Activity: Promotion and Adherence

6 credit hours from:

KIN-2104(3)	Outdoor Recreation and Education (all years)
KIN-2206(3)	Movement Education (early/middle years)
KIN-2207(3)	Physical Growth and Motor Development (all years)
KIN-2400(3)	Teaching Games for Understanding (middle/senior years)

Minimum of 9 **additional** credit hours from:

KIN-1200(3)	Principles of Coaching
KIN-1302(3)	Teaching Individual Physical Activities **or** KIN-1303(3) Teaching Team Physical Activities
KIN-2109(3)	Instructing Sport and Physical Activities
KIN-2111(3)	Coaching and Teaching Basketball 1
KIN-2112(3)	Coaching and Teaching Volleyball 1

6 credit hours from:

KIN-1601(3)	Nutrition for Health and Wellness
KIN-2101(3)	Program Planning in Sport
KIN-2200(3)	Issues in Sport
KIN-3201(3)	Biomechanics
KIN-3208(3)	Physical Activity and Aging
KIN-4104(3)†	Sport Ethics
KIN-4207(3)	Motor Learning and Control

† any course that can be used towards the humanities requirement

*any 2 will fulfill the science requirement within the Bachelor of Physical Health and Education degree.

KINESIOLOGY TEACHABLE MINOR (Senior and Middle Years)

Required courses:

KIN-2301(3)	Human Anatomy
KIN-2305(3)	Issues in Health
KIN-3103(3)	Adapted Physical Activity

6 credit hours from:

KIN-1302(3)	Teaching Individual Physical Activities (middle/senior years)
KIN-1303(3)	Teaching Team Physical Activities (middle/senior years)
KIN-2400(3)	Teaching Games for Understanding

3 credit hours from:

KIN-2105(3)	Sport Psychology
KIN-3105(3)	Psychological Skills in Sport and Life
KIN-3305(3)	Physical Activity: Promotion and Adherence

KINESIOLOGY TEACHABLE MINOR (Early and Early/Middle Years)

Required courses:

KIN-2301(3)	Human Anatomy
KIN-3103(3)	Adapted Physical Activity

9 credit hours from:

KIN-2206(3)	Movement Education
KIN-2207(3)	Physical Growth and Motor Development
KIN-2305(3)	Issues in Health
KIN-2400(3)	Teaching Games for Understanding

3 credit hours from:

KIN-2105(3)	Sport Psychology
KIN-3305(3)	Physical Activity: Promotion and Adherence
KIN-3105(3)	Psychological Skills in Sport and Life

REQUIREMENTS FOR A 4-YEAR BACHELOR OF KINESIOLOGY

ADMISSION REQUIREMENT Students are advised to consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Social Science: 12 credit hours
Writing: Minimum 3 credit hours of Academic Writing
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Major: Minimum 60 credit hours/Maximum 66 credit hours.
Required Courses:

KIN-1101(3) Introduction to Kinesiology
KIN-2105(3) Sport Psychology
KIN-2200(3) Issues in Sport **or** **KIN-2305(3)** Issues in Health
KIN-2207(3) Physical Growth and Motor Development
KIN-2204(3)* Human Physiology **or** **BIOL-1112(6)** Human Anatomy and Physiology
KIN-2301(3)* Human Anatomy
KIN-3105(3) Psychological Skills in Sport and Life **or** **KIN-3305(3)** Physical Activity: Promotion and Adherence
KIN-3106(3)* Exercise Physiology **or** **KIN-3201/3*** Biomechanics **or** **KIN-3304/3*** Advanced Resistance Training
KIN-3208(3) Physical Activity and Aging
KIN-4207(3) Motor Learning and Control

3 credit hours from:

KIN-1200(3) Principles of Coaching
KIN-1302(3) Teaching Individual Physical Activities
KIN-1303(3) Teaching Team Physical Activities

3 credit hours from:

KIN-2109(3) Instructing Sport and Physical Activities
KIN-2111(3) Coaching and Teaching Basketball 1
KIN-2112(3) Coaching and Teaching Volleyball 1

*any 2 will fulfill the science requirement within the Bachelor of Kinesiology degree.

Choose a minimum of 24 additional credit hours from other Kinesiology courses, for a total of 60 credit hours from Kinesiology. A minimum of 18 total credit hours of Kinesiology courses must be at the 3000 or 4000 level.

Statistics Requirement:
Choose 3 credit hours from:

PSYC-2101(3)** Introduction to Data Analysis (prereq. PSYC-1000(6))
STAT-1501(3) Elementary Biological Statistics I
** *Courses with prerequisites*

Research Design and Methods Requirement
Choose 3 credit hours from:

PSYC-2102(3)** Introduction to Research Methods (prereq. PSYC-1000(6), PSYC-2101(3))
SOC-2126(3)** Introduction to Research Design and Qualitative Research (prereq. SOC-1101(6) or permission of department chair)
IDS-3920(3)** Action Research Methods (prereq. IDS-1100(6) or CRS-1200(6) or permission)
CJ-2101(3)** Research Method in Criminal Justice (prere. CJS-1101(6))
WGS-3200(6)** Feminist Research Methodologies Seminar (prereq. WOM-1232(6) or permission of Program Coordinator)

** *Courses with prerequisites*

REQUIREMENTS FOR A 4-YEAR BACHELOR OF KINESIOLOGY (SPORT COACHING)

ADMISSION REQUIREMENT Students are advised to consult with a member of the Department in planning course of study.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Major: Minimum 60 credit hours/Maximum 66 credit hours.

Required Courses:

BIOL-1112(6)*	Human Anatomy and Physiology
KIN-1200(3)	Principles of Coaching
KIN-1601(3) *	Nutrition for Health and Wellness
KIN-2100(3)	Leadership in Sport: Emerging Perspectives
KIN-2101(3)	Program Planning in Sport
KIN-2105(3)	Sport Psychology
KIN-2200(3)	Issues in Sport
KIN-2202(3) *	Prevention and Care of Sport Injuries
KIN-2204(3) *	Introduction to Human Physiology **or**
KIN-2301(3) *	Human Anatomy
KIN-2304(3) *	Scientific Principles of Fitness and Conditioning
KIN-3105(3)	Psychological Skills in Sport and Life
KIN-3106(3) *	Exercise Physiology
KIN-3201(3) *	Biomechanics
KIN-3304(3) *	Advanced Resistance Training
KIN-4200(3)	Advanced Seminar in Coaching
KIN-4207(3)	Motor Learning and Control
KIN-4502(3) *	Drugs and Ergogenic Aids in Sport

In addition, choose a minimum of 9 additional credit hours from other Kinesiology courses, for a total of 60 credit hours from Kinesiology.

*any 2 will fulfill the science requirement within the Bachelor of Kinesiology (Sport Coaching) degree

Statistics Requirement
Choose at least 3 credit hours from:

PSYC-2101(3)**	Introduction to Data Analysis (prereq. PSYC-1000(6))
STAT-1501(3)	Elementary Biological Statistics I

*** Courses with prerequisites*

Research Design and Methods Requirement
Choose 3 credit hours from:

PSYC-2102(3)**	Introduction to Research Methods (prereq. PSYC-1000(6), PSYC-2101(3))
SOC-2126(3)**	Introduction to Research Design and Qualitative Research (prereq. SOC-1101(6) or permission of department chair)
IDS-3920(3)**	Action Research Methods (prereq. IDS-1100(6) or CRS-1200(6) or permission)
CJ-2101(3)**	Research Method in Criminal Justice (prereq. CJS-1101(6))
WGS-3200(6)**	Feminist Research Methodologies Seminar (prereq. WOM-1232(6) or permission of Program Coordinator)

***Courses with prerequisites*

REQUIREMENTS FOR A 4-YEAR BSc IN KINESIOLOGY (EXERCISE SCIENCE)

ADMISSION REQUIREMENT Students are advised to consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 78 credit hours.
Double Major:	Minimum credit hours in Kinesiology and Applied Health and specified number of courses in other major.
High School Prerequisites:	Chemistry 40S is required and Pre-Calculus or Applied Mathematics 40S is highly recommended

Required Courses**:**

KIN-1101(3)	Introduction to Kinesiology
KIN-1601(3)	Nutrition for Health and Wellness
KIN-2105(3)	Sport Psychology **or KIN-3105(3)** Psychological Skills in Sport and Life **or KIN-3305(3)** Physical Activity: Promotion and Adherence
KIN-2200(3)	Issues in Sport **or KIN-2305**(3) Issues in Health
KIN-2202(3)	Prevention and Care of Sport Injuries
KIN-2301(3)	Human Anatomy
KIN-2304(3)	Scientific Principles of Fitness and Conditioning
KIN-3106(3)	Exercise Physiology
KIN-3201(3)	Biomechanics
KIN-4201(3)	Applied Biomechanics **or KIN-4106(3)** Exercise Physiology in Chronic Disease
KIN-4207(3)	Motor Learning and Control

Plus choose a minimum of 9 additional credit hours from Kinesiology and Applied Health science courses:

KIN-3304(3)	Advanced Resistance Training
KIN-3505(3)	Pathology in Sport Medicine
KIN-4106(3)	Exercise Physiology in Chronic Disease
KIN-4201(3)	Applied Biomechanics
KIN-4301(3)	Applied Anatomy
KIN-4502(3)	Drugs and Ergogenic Aids in Sport

Plus choose an additional minimum 6 credit hours from any other Kinesiology and Applied Health course, for a minimum total of 48 credit hours from Kinesiology and Applied Health. Students may select up to an additional 30 credit hours in Kinesiology and Applied Health to a maximum of 78 credit hours. A minimum of 18 total credit hours of Kinesiology and Applied Health courses must be at the 3000 or 4000 level.

Plus students need a total of 30 credit hours in Non-Kinesiology and Applied Health science courses (i.e. science courses which do not start with KIN). These include specific requirements as follows:

Statistics Requirement:

Choose at least 3 credit hours from:

PSYC-2101(3)**	Introduction to Data Analysis (prereq. PSYC-1000(6))
STAT-1501(3)	Elementary Biological Statistics I

*** Courses with prerequisites*

Research Design and Methods Requirement:

Choose 3 credit hours from:

BIOL-3492(3)	Quantitative and Theoretical Biology (prereq. BIOL-2301(3) and BIOL- 2403(3))
PSYC-2102(3)	Introduction to Research Methods (prereq. PSYC-2101(3) or STAT-1501(3))
SOC-2126(3)	Introduction to Research Design and Qualitative Research (prereq. SOC-1101(6) or permission of department chair)

NOTE: The course choices for meeting the Statistics Requirement and the Research Design and Methods Requirement (as outlined above), with the EXCEPTION of SOC 2126(3), may be used toward the 30 credit hours of Non- Kinesiology and Applied Health science courses required for the degree.

Non-Kinesiology and Applied Health Science Course Requirements

CHEM-1111(3) Introduction to Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
BIOL-1112(6) Human Anatomy and Physiology
or
***BIOL-1115(3)** Cells and Cell Processes ***BIOL-1116(3)** Evolution and Ecology
***KIN 2204(3)** Introduction to Human Physiology

***Students wishing to double major in Biology need to take these three courses (BIOL-1115(3), BIOL1116(3) & KIN-2204(3)**

To achieve the total of 30 credit hours, students must select additional courses that fulfill the Science Requirement, with the **exceptions** of BIOL-1102(6), BIOL-1103(6), HIST-2900(6).

The following upper level courses in Biology are recommended for students in Kinesiology and Applied Health degree streams:

BIOL-2301(3) Genetics
BIOL-3202(3) Histology
BIOL-3221(3) Cell Biology
BIOL-3303(3) Molecular Genetics and Genomics (prereq. BIOL-2301(3))
BIOL-3602(3) Comparative Animal Physiology I
BIOL-3603(3) Comparative Animal Physiology II(prereq. BIOL-3602(3))
BIOL-3562(3) Human Reproductive Biology
BIOL-3563(3) Human Embryology
BIOL-4502(3) Molecular Cell Biology (prereq. BIOL-2301(3), BIOL-3221(3), CHEM-3502(3), CHEM-3503(3), coreq. BIOL-3303(3))
BIOL-4601(3) Ecological Animal Physiology (prereq. CHEM-1111(3), CHEM-1112(3), and any one of BIOL-2111(6), BIOL-3602(3) and BIOL-3603(3), or CHEM-3502(3) and CHEM-3503(3))

Canadian Memorial Chiropractic College Academic Pathway
The University of Winnipeg and the Canadian Memorial Chiropractic College have entered into an articulation agreement in which students can complete three years of study towards the 4 year BSc. (Exercise Science) degree and apply for early consideration to the Chiropractic College after their second year of study; if accepted by CMCC, they would transfer to the Chiropractic College after their third year of study at the University of Winnipeg and go on to complete four more years of study towards a degree in Chiropractic; after which time, The University of Winnipeg will recognize one year of Chiropractic study towards a 4 year BSc (Exercise Science) degree. Upon completion, students will graduate with two degrees within a 7 year span that would have otherwise taken 8 years to complete.

To be accepted into the CMCC Academic Pathway you must contact the Department Assistant in the Department of Kinesiology and Applied Health at kinesiology@uwinnipeg.ca or by phone 204.786.9024

REQUIREMENTS FOR A 4-YEAR BSc IN KINESIOLOGY (ATHLETIC THERAPY)

ADMISSION REQUIREMENT Students are advised to consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Writing: Minimum 3 credit hours of Academic Writing
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Major: Minimum 75 credit hours/Maximum 78 credit hours.

Required Courses:

KIN-1101(3)	Introduction to Kinesiology
PSY-1000(6)	Introductory Psychology
BIOL-1112(6)	Human Anatomy & Physiology
BUS-1201(3)	Introduction to Business I
KIN-1601(3)	Nutrition for Health and Wellness
KIN-2202(3)	Prevention and Care of Sport Injuries
KIN-2301(3)	Human Anatomy
KIN-2304(3)	Scientific Principles of Fitness and Conditioning
KIN-2500(3)	Athletic Therapy: Practicum I
KIN-2503(3)	Athletic Taping & Splinting Techniques
KIN-3106(3)	Exercise Physiology
KIN-3107(3)	Therapeutic Modalities in Sport Medicine
KIN-3201(3)	Biomechanics
KIN-3304(3)	Advanced Resistance Training
KIN-3500(6)	Athletic Therapy: Practicum II
KIN-3501(3)	Assessment of Upper and Lower Body Sport Injuries
KIN-3502(3)	Rehabilitation of Upper and Lower Body Sport Injuries
KIN-3503(3)	Massage Techniques in Sport
KIN-3504(3)	Sport First Responder
KIN-3505(3)	Pathology in Sport Medicine
KIN-4301(3)	Applied Anatomy
KIN-4500(6)	Athletic Therapy Practicum III
KIN-4501(3)	Sports Injuries of the Spine
KIN-4502(3)	Drugs and Ergogenic Aids in Sport

Additional Kinesiology electives:

At least one of:

KIN-2305(3)	Issues in Health
KIN-3105(3)	Psychological Skills in Sport and Life

At least one of:

KIN-3103(3)	Adapted Physical Activity
KIN-3208(3)	Physical Activity and Aging
KIN-4207(3)	Motor Learning and Control

Statistics Requirement

Choose at least 3 credit hours from:

PSYC-2101(3)**	Intro to Data Analysis (prereq. PSYC-1000(6))
STAT-1501(3)	Elementary Biological Statistics I

*** Courses with prerequisites*

Research Design and Methods Requirement

Choose at least 3 credit hours from:

PSYC-2102(3)	Introduction to Research Methods (prereq. PSYC-2101(3) or STAT-1501(3))
SOC-2126(3)	Introduction to Research Design and Qualitative Research (prereq. SOC-1101(6) or permission of department chair)

REQUIREMENTS FOR THE 4-YEAR BSc IN KINESIOLOGY WITH A BUSINESS STREAM

Students must complete the requirements of the 4-year BSc in Kinesiology degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

GENERAL INFORMATION

Courses in the Department of Kinesiology and Applied Health are scheduled on a rotation basis. Since faculty members are responsible for multiple courses, a given course may not be scheduled annually. Every effort is made to offer all courses for timely access by students. Contact the Department to express interest in a particular course or in knowing when it will be next available.

COURSE LISTINGS

KIN-1101(3) Introduction to Kinesiology
KIN-1200(3) Principles of Coaching
KIN/CLAS-2060(3) Sport in the Ancient World
KIN-1302(3) Teaching Individual Physical Activity
KIN-1303(3) Teaching Team Physical Activities
KIN-1601(3) Nutrition for Health and Wellness
KIN-2100(3) Leadership in Sport: Emerging Perspectives
KIN-2101(3) Program Planning In Sport
KIN-2104(3) Outdoor Recreation and Education
KIN-2105(3) Sport Psychology
KIN-2109(3) Instructing Sport and Physical Activities
KIN-2111(3) Coaching & Teaching Basketball I
KIN-2112(3) Coaching & Teaching Volleyball I
KIN-2200(3) Issues in Sport
KIN-2202(3) Prevention and Care of Sport Injuries
KIN-2204(3) Introduction to Human Physiology
KIN-2206(3) Movement Education
KIN-2207(3) Physical Growth and Motor Development
KIN-2301(3) Human Anatomy
KIN-2304(3) Scientific Principles of Fitness & Conditioning
KIN-2305(3) Issues in Health
KIN-2400(3) Teaching Games for Understanding
KIN-2500(3) Athletic Therapy: Practicum I
KIN-2503(3) Athletic Taping and Splinting Techniques
KIN-2511(3) Coaching & Teaching Basketball II
KIN-2512(3) Coaching & Teaching Volleyball II
KIN/CLAS-2850 (3) The Classical Roots of Medical Terminology
KIN-3103(3) Adapted Physical Activity
KIN-3105(3) Psychological Skills In Sport and Life
KIN-3106(3) Exercise Physiology
KIN-3107(3) Therapeutic Modalities in Sport Medicine
KIN-3201(3) Biomechanics
KIN-3206(3) Directed Studies
KIN-3208(3) Physical Activity and Aging
KIN-3256(3) Honours Thesis I
KIN-3304(3) Advanced Resistance Training
KIN-3305(3) Physical Activity: Promotion and Adherence
KIN-3500(6) Athletic Therapy: Practicum II
KIN-3501(3) Assessment of Upper and Lower Limb Sport Injuries
KIN-3502(3) Rehabilitation of Upper and Lower Limb Sport Injuries
KIN-3503(3) Massage Techniques in Sport
KIN-3504(3) Sport First Responder
KIN-3505(3) Pathology in Sport Medicine
KIN-3904(3) Personal Fitness Trainer
KIN-4104(3) Sport Ethics
KIN-4106(3) Exercise Physiology in Chronic Disease
KIN-4200(3) Advanced Seminar in Coaching System
KIN-4201(3) Applied Biomechanics
KIN-4206(3) Directed Studies
KIN-4207(3) Motor Learning and Control
KIN-4256(3) Honours Thesis II
KIN-4301(3) Applied Human Anatomy
KIN-4500(6) Athletic Therapy: Practicum III
KIN-4501(3) Sports Injuries of the Spine
KIN-4502(3) Drugs and Ergogenic Aids in SportKIN-4556(3) Honours Seminar in Kinesiology
KIN 4601(3) Nutrition for Sport Performance

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

INTERDISCIPLINARY LINGUISTICS (LING)

March 28, 2018

Coordinator: G. Fulford; Faculty**:** Professors: P. Greenhill, Z. Izydorczyk, L. Rodriguez;
Associate Professors: G. Fulford, J. Machin-Lucas, K. Malcolm, I. Roksandic, S. Tulloch (as of July 1, 2017), T. Whalen; Assistant Professors: A. Desroches, K. Lovrien-Meuwese, J. Newmark, J. Simpson

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor

INTRODUCTION

Linguistics examines the complexities of language use in daily communication in various social and cultural contexts. Its major subdisciplines include phonetics and phonology, morphology, syntax, semantics, and pragmatics. A better understanding of how language encodes meaning helps students write, read and speak with greater confidence, fluency, and power. It also facilitates learning additional languages. A better understanding of how the cultural context influences and is influenced by linguistic choices enables students to better understand others and to extend their own range of and success with subtle forms of expression.

Through a 3-Year BA, 4-Year BA, or Honours BA, students investigate written and spoken, literary and non-literary texts from relevant theoretical perspectives. Many Linguistics courses are taken in departments such as Anthropology, Conflict Resolution Studies, Developmental Studies, English, Modern Languages and Literatures, Philosophy, Psychology, Religion & Culture, and Rhetoric, Writing & Communications, hence the interdisciplinary nature of the program.

REQUIREMENTS FOR A 3-YEAR BA IN INTERDISCIPLINARY LINGUISTICS

ADMISSION REQUIREMENT — Students must consult with the Program Coordinator in planning their course of study.

GRADUATION REQUIREMENT — 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 30 credit hours/Maximum 48 credit hours in the Major subject.
Double Major:	30 credit hours in Linguistics and specified number of credit hours in other departments/programs.
Required Courses:	Minimum 24 credit hours from LIST A, including: LING-1001(6) 6 credit hours from LING-2000 series 6 credit hours from LING-2100 series 6 credit hours from LING-3000, 3100, 3200, 3300 or 3400 series Minimum 6 credit hours from LIST B.
Combined Major:	Minimum 48 credit hours from two (2) different Majors with not less than 18 credit hours from each major subject.
Prescribed Courses:	LING-1001(6) 6 credit hours from LING-2000 series 3 credit hours from LING-2100 series 3 credit hours from LING-3000, 3100, 3200, 3300 or 3400 series

First-Year Course:

The Introduction to Linguistics course **LING-1001(6)** should be taken in the first year if possible. This course introduces and prepares students for 2000-level linguistics courses.

Upper-Level Courses:

Students in the Interdisciplinary Linguistics Program, are encouraged to take 2000, 2100, 2300 and 2400-level courses in their second year of studies and 3000, 3100, 3200, 3300 and 3400-level courses in their third year. The numbers and their order are significant in these courses. The first digit on the left represents the year of the course. This is true for all courses. If the second digit from the left is a 0, the course focuses primarily on language structure (e.g. 2001); if the second digit from the left is a 1, the course examines the use of language in the context of culture (e.g. 2101); if the second digit from the left is a 2, the course is a special studies or apprenticeship course, with a unique focus determined each year by the instructor (e.g. 3201); if the second digit from the left is a 3, the course is delivered in French; if the second digit from the left is 4, the course is delivered in German or Spanish.

Students registering in second-, and third-year-level courses may wish to consult with the course Instructor. All students registering in fourth-year/honours-level courses and/or declaring their major in Linguistics must have written approval from the Coordinator to register.

While fourth-year/honours-level courses are part of the Honours program, some students in the general program may be qualified to take them. Students who wish to take fourth-year/honours-level courses must have an overall GPA of at least 3.0 in the Linguistics courses that they have completed. In addition, they require written permission from the Program Coordinator or their designate to register.

REQUIREMENTS FOR A 4-YEAR BA IN INTERDISCIPLINARY LINGUISTICS

ADMISSION REQUIREMENT Students are urged to consult with the Coordinator in planning their studies. Minimum 30 credit hours completed previously.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major: Minimum 48 credit hours/Maximum 66 credit hours in the Major subject.

Double Major: Minimum 48 credit hours in each Major subject as specified by the program.

Required courses:

Minimum 36 credit hours from LIST A and 12 credit hours from LIST B including the following
LING-1001(6) Introduction to Linguistics
6 credit hours from LING-2000 series
6 credit hours from LING-2100 series
6 credit hours from LING-3000, 3100, 3200, 3300 or 3400 series

Combined Major: Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject

Prescribed Courses:

Minimum 18 credit hours from LIST A and 6 credit hours from LIST B including the following
LING-1001(6) Introduction to Linguistics
6 credit hours from LING-2000 series
3 credit hours from LING-2100 series
3 credit hours LING-3000, 3100, 3200, 3300 or 3400 series

First-Year Course:

The Introduction to Linguistics course **LING-1001(6)** should be taken in the first year if possible. This course introduces and prepares students for 2000-level linguistics courses.

Upper-Level Courses:

Students in the Interdisciplinary Linguistics Program, are encouraged to take 2000, 2100, 2300 and 2400-level courses in their second year of studies and 3000, 3100, 3200, 3300 and 3400-level courses in their third year. The numbers and their order are significant in these courses. The first digit on the left represents the year of the course. This is true for all courses. If the second digit from the left is a 0, the course focuses primarily on language structure (e.g. 2001); if the second digit from the left is a 1, the course examines the use of language in the context of culture (e.g. 2101); if the second digit from the left is a 2, the course is a special studies or apprenticeship course, with a unique focus determined each year by the instructor (e.g. 3201); if the second digit from the left is a 3, the course is delivered in French; if the second digit from the left is 4, the course is delivered in German or Spanish.

Students registering in second-, and third-year-level courses may wish to consult with the course Instructor. All students registering in fourth-year/honours-level courses and/or declaring their major in Linguistics must have written approval from the Coordinator to register. Students who wish to take fourth-year/honours-level courses must have an overall GPA of at least 3.0 in the Linguistics courses that they have completed. In addition, they require written permission from the Program Coordinator or their designate to register.

Additional Information:
Students must consult with the Program Coordinator in planning their curriculum and completing the required Permission forms **at each registration**. A minimum 3.0 GPA in 4000, 4100 and 4200-level courses is required; students lacking the requisite 3.0 GPA must consult the Program Coordinator regarding eligibility/permission.

REQUIREMENTS FOR AN HONOURS BA IN INTERDISCIPLINARY LINGUISTICS

ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours**,** including minimum 18 credit hours at the upper level (3000/4000) of which a minimum of 9 credit hours are at the 4000 level
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENTS	
Single Honours:	Minimum 54 credit hours/maximum 78 credit hours in the Honours subject.
Required Courses:	Minimum 42 credit hours from LIST A and 12 credit hours from LIST B including the following: Introduction to Linguistics LING-1001(6) 6 credit hours from LING-2000 series 6 credit hours from LING-2100 series 12 credit hours from LING-3000, 3100, 3200, 3300 or 3400 series 12 credit hours in LING-4000, 4100 or 4200 series
Additional Requirements:	Minimum 6 credit hours in the study of a second language from Aboriginal Languages (Cree, Ojibwe), Classics (Greek or Latin), Modern Languages and Literatures (French, German, Spanish, Italian), English (Old English), Religious Studies (Arabic, Biblical Hebrew), or East Asian Languages and Culture (Japanese, Mandarin).
Double Honours:	Minimum 36 credit hours in each Honours Subject Minimum 30 credit hours in courses from List A and 6 credit hours in courses from LIST B

Required Courses:	Introduction to Linguistics LING-1001(6) 6 credit hours from LING-2000 series 6 credit hours from LING-2100 series 9 credit hours from LING-3000, 3100, 3200, 3300, 3400 series 9 credit hours from LING 4000, 4100 or 4200 series

First-Year Course:

The Introduction to Linguistics course **LING-1001(6)** should be taken in the first year if possible. This course introduces and prepares students for 2000-level linguistics courses.

Upper-Level Courses:

Students in the Interdisciplinary Linguistics Program, are encouraged to take 2000, 2100, 2300 and 2400-level courses in their second year of studies and 3000, 3100, 3200, 3300 and 3400-level courses in their third year. The numbers and their order are significant in these courses. The first digit on the left represents the year of the course. This is true for all courses. If the second digit from the left is a 0, the course focuses primarily on language structure (e.g. 2001); if the second digit from the left is a 1, the course examines the use of language in the context of culture (e.g. 2101); if the second digit from the left is a 2, the course is a special studies or apprenticeship course, with a unique focus determined each year by the instructor (e.g. 3201); if the second digit from the left is a 3, the course is delivered in French; if the second digit from the left is 4, the course is delivered in German or Spanish.

Students registering in second-, and third-year-level courses may wish to consult with the course Instructor. All students registering in fourth-year/honours-level courses and/or declaring their major in Linguistics must have written approval from the Coordinator to register. Students who wish to take fourth-year/honours-level courses must have an overall GPA of at least 3.0 in the Linguistics courses that they have completed. In addition, they require written permission from the Program Coordinator or their designate to register.

Additional Information:
Honours Students must consult with the Program Coordinator or designate in planning their curriculum and completing the required Permission forms **at each registration**. A minimum 3.0 GPA in Honours subject courses is required; students lacking the requisite 3.0 GPA must consult the Program Coordinator or designate regarding eligibility/permission to take 4000, 4100 and 4200-level courses.

REQUIREMENTS FOR A MINOR IN INTERDISCIPLINARY LINGUISTICS

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000 level.
Residence requirement:	Minimum 12 credit hours in the Minor subject.
Required courses:	At least 6 credit hours from the following courses: LING-2001(3) Phonetics and Phonology LING-2002(3) Morphology LING-2003(3) Syntax LING-2004(3) Semantics LING-2101(3) Language and Culture LING-2102(3) Method and Theory in Linguistic Anthropology LING-2103(3) Languages of the World Six further credit hours at the 2000 level and above from List A
Restrictions:	Students cannot declare the same subject as a Major and as a Minor

GENERAL INFORMATION

In the following descriptions of Interdisciplinary Linguistics Program courses, these terms are used:
PREREQUISITE: A course which students must have taken before they can enter another course.
COREQUISITE: A course that must be taken during the same session as another course.
CROSS-LISTED: A cross-listed course is available as part of a major in more than one department or program.

For the following courses there are additional **prerequisites**; please check the course descriptions:

LING-2301(3) Phonetics
LING-3002(3) Discourse Analysis
LING-3006(3)/4006(3) Language Typology
LING-3101(3) Institutional Discourse
LING-3301(3) French Lexicology
LING-3302(3) French Morphology & Syntax
LING-4005(3) Semiotics and Structuralism
LING-4301(3) French Lexicography
LING-4302(3) Syntax of Modern French

For prerequisites for other 4000-level courses, see individual course descriptions.

4000, 4100 and 4200-Level Courses
Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the Program Coordinator or designate concerned regarding eligibility to take 4000-level courses). Permission of the Program Coordinator or designate is required for each 4000, 4100 and 4200-level course.

COURSE LISTINGS

Please Note: The courses listed in the left column have *no relation to* those listed on the same line in the right column.

LIST A - *Basic Courses*

In English

LING-1001(6) Introduction to Linguistics
LING-2001(3) Phonetics and Phonology
LING-2002(3) Morphology
LING-2003(3) Syntax
LING-2004(3) Semantics
LING-2101(3) Language and Culture
LING-2102(3) Linguistic Anthropology
LING-2103(3) Languages of the World
LING-2208 (3) Greek and Latin in Today's English
LING-3001(6) Textual Analysis
LING-3002(3) Discourse Analysis
LING-3006(3)/4006(3) Language Typology
LING-3101(3) Registers of Our Daily Life
LING-3102(3)/4102(3) Indo-European Linguistics & Mythology
LING-3103 Sociolinguistics
LING-3104 (3)/4104 (3) Indigenous Languages of South America
LING-3105(3) Speech and Language Disorders in Children
LING-3201(3) Special Studies
LING-4001(3) History of Linguistics
LING-4002(3) Contemporary Linguistics Theory
LING-4003(3) Topics in Linguistics
LING-4004(3) Honours Thesis
LING-4005(3) Semiotics and Structuralism
LING-4101(3) Topics in Language and Culture
LING-4201(3) Special Studies I
LING-4202(6) Special Studies II
LING-4203(3) Tutorial Apprenticeship
LING-4204 (3) Research Apprenticeship

In French

LING-2301(3) French Phonetics
LING-3302 (3) French Morphology and Syntax
LING-3303(3) Geolinguistique francaise
LING-3305 (3)/4305(3) Studies in Bilingualism
LING-3311(3) Comparative Stylistics and Translation
LING-4302 (3) Syntax of Modern French

In German

LING-2401(3) German Phonetics
LING-3401(3) German Lexicology
LING-3405(6) Acquisition of German as an Additional Language

In Spanish

LING-3505(3) History of the Spanish Language

LIST B - Interdisciplinary Applications

In English

ANTH-3113/4113(3) Algonquian Ethnography
CLAS-2850 (3) The Classical Roots of Medical Terminology
CRS-2252(3) Conflict and Communication
DEV-3300 (3) Speech and Language Disorders in Children
ENGL-3812(3 or 6) A History of the English Language
PHIL-3304(3) Philosophy of Language
PSYC-2620(3) Psycholinguistics
PSYC-3480(3) Interpersonal Communication
RHET-3139(3) Rhetorics of Visual Representations
RHET-3153(3) Studies in the Rhetorics of Gender
RHET 3236(3) Orality and Literacy
SOC-3214(3) Mass Communication and Media
SOC-3215(3) Popular Culture
WGS-2001(3) Gender and Folklore

In French

FREN-3301(3) History of the French Language

In German

GERM-3404(3) History of the German Language

COURSE DESCRIPTIONS

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http://uwinnipeg.ca/academics/calendar/index.html

MATHEMATICS (MATH)

Updated Jan 26, 2018

Chair: A. Stokke**;** Professors: J. Currie, V. Linek, O.R. Oellermann, A. Stokke, R. Stokke, T. Visentin; Associate Professors: S. Gosselin, N. Rampersad; Instructors: B. Bector, S. Ezzat, M. Nasri.

DEGREES/PROGRAMS OFFERED

3-Year BA
3-Year BSc
3-Year BSc (Business Stream)
4-Year BA
4-Year BSc
4-Year BSc (Business Stream)
BSc Honours
Minor

INTRODUCTION

Mathematics is the supreme intellectual achievement and the most original creation of the human spirit - Morris Kline.
Mathematics is the Queen and servant of the Sciences - Karl Friedrich Gauss.

The scope of Mathematics ranges from Computer Science to Philosophy, from Physics to Finance. Mathematics emphasizes precision and logic, but also creativity and problem solving. Students heading for Law or Medicine are well served by a first degree in Mathematics. Other graduates move into the financial sector or high technology. Some graduates choose to go on to advanced degrees, not only in Mathematics, but also in Statistics, Computer Science, Meteorology or Physics.

The department offers 3-Year and 4-Year BA and BSc degrees, and the Honours BSc. Students pursuing a 3-year or 4-year BSc also have the opportunity to take a Business Stream – a set of core courses in the Faculty of Business that will provide them with the skills needed to enter and succeed in industry and business. See the "Science with a Business Stream" section of this Course Calendar.

The Mathematics department features one of the highest levels of research activity in the University, and offers students a unique glimpse into the ongoing creation of Mathematics.

REQUIREMENTS FOR A 3-YEAR BA/BSc IN MATHEMATICS

ADMISSION REQUIREMENT

Students must consult with the Department Advisor/Honours Advisor in planning their program.
Students who have not obtained a grade of at least C in **MATH-1103(3)** Introduction to Calculus I AND **MATH-1104(3)** Introduction to Calculus II or the equivalent **MATH-1101(6)** Introduction to Calculus are advised not to proceed in a Mathematics major.

GRADUATION REQUIREMENT

90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours.
Major:	Minimum 18 credit hours.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major	Minimum 36 credit hours/Maximum 54 credit hours.
Double Major	Minimum 36 credit hours in Mathematics and specified number of credit hours in the other department/program.
Required courses:	**MATH-1103(3)** Introduction to Calculus I **and MATH-1104(3)** Introduction to Calculus II or the equivalent **MATH-1101(6)** Introduction to Calculus **MATH-1401(3)** Discrete Mathematics **MATH-2105(3) and MATH-2106(3)** or the former **MATH-2101(6)** Intermediate Calculus **MATH-1201(3) and MATH-2203(3)** or the former **MATH-2201(6)** Linear Algebra Minimum six (6) credit hours at the 3000 level.
Combined Major:	Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject.
Prescribed courses:	To be determined in consultation with the Department

Students who have not obtained a grade of at least C in **MATH-1103(3)** Introduction to Calculus I **and MATH-1104(3)** Introduction to Calculus II or the equivalent **MATH-1101(6)** Introduction to Calculus are advised not to proceed in a Mathematics major.
Students intending to major in Mathematics are strongly advised to take MATH-1401(3) Discrete Mathematics in their first year. It is a prerequisite for most second and third year courses in Mathematics.
Students majoring in Mathematics are strongly advised to take both **MATH-2105(3)** Intermediate Calculus I and **MATH-2106(3)** Intermediate Calculus II **and MATH-2203(3)** Linear Algebra II by the end of their second year, since several third year courses have these as prerequisites.
Students are encouraged to take more than 36 credit hours in Mathematics.
Students planning to go on to graduate studies are advised to consult with the Department before choosing second year courses.

REQUIREMENTS FOR THE 3-YEAR BSc IN MATHEMATICS WITH A BUSINESS STREAM

Students must complete the requirements of the 3-year BSc in Mathematics degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR THE 4-YEAR BA/BSc IN MATHEMATICS

ADMISSION REQUIREMENT
36 credit hours previously completed towards a BA/BSc in Mathematics.
Students must consult with the Department Chair/Honours Advisor in planning their program.

GRADUATION REQUIREMENT
120 credit hours

RESIDENCE REQUIREMENT
Degree: 60 credit hours
Major: 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Sciences (BA only):	12 credit hours
Writing:	3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single:	Minimum 48 credit hours/Maximum 72 credit hours.
Double Major:	Minimum 48 credit hours in each Major as specified by the department/program.

Required courses:

MATH-1103(3)	Introduction to Calculus I **and MATH-1104(3)** Introduction to Calculus II or the equivalent **MATH-1101(6)** Introduction to Calculus
MATH-1401(3)	Discrete Mathematics
MATH-2105(3)	Intermediate Calculus I or the former **MATH-2101(6)** Intermediate Calculus
MATH-2106(3)	Intermediate Calculus II or the former **MATH-2101 (6)** Intermediate Calculus
MATH-1201(3)	Linear Algebra I or the former **MATH-2201(6)** Linear Algebra
MATH-2203(3)	Linear Algebra II or the former **MATH-2201(6)** Linear Algebra
MATH-3101(6)	Advanced Calculus & Analysis
MATH-3202(3)	Group Theory
MATH-4101(3)	Complex Analysis
MATH-4202(3)	Rings and Fields

Students who have not obtained a grade of at least C in **MATH-1103(3)** Introduction to Calculus I **and MATH-1104(3)** Introduction to Calculus II or the equivalent **MATH-1101(6)** Introduction to Calculus are advised not to proceed in a Mathematics major.
Students intending to major in Mathematics are strongly advised to take **MATH-1401(3)** Discrete Mathematics in their first year. It is a prerequisite for most second and third year courses in Mathematics.
Students majoring in Mathematics are strongly advised to take both **MATH-2105(3)** Intermediate Calculus I **and MATH-2106(3)** Intermediate Calculus II and **MATH-2203(3)** Linear Algebra II by the end of their second year, since several third year courses have these as prerequisites.
Students planning to go on to graduate studies are advised to consult with the Department before choosing second year courses.

Combined Major:	Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Prescribed courses: To be determined in consultation with the Department.

REQUIREMENTS FOR THE 4-YEAR BSc IN MATHEMATICS WITH A BUSINESS STREAM

Students must complete the requirements of the 4-year BSc in Mathematics degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR AN HONOURS BSc IN MATHEMATICS

ADMISSION REQUIREMENT 60 credit hours previously completed in a BA or BSc of which at least 21 credit hours are in Mathematics. Students must consult with the Department Chair/Honours Advisor in planning their program.

GRADUATION REQUIREMENT 120 credit hours

Graduation GPA Requirement**:** To graduate with a BSc Honours, students must have a minimum GPA of 3.0 in all Honours subject courses which will be calculated on all course attempts and a 2.75 GPA in all Non-Honours courses which will be calculated as for the general degree (i.e., F's are not included and, in the case of repeated courses, only the highest grade will be used).

RESIDENCE REQUIREMENT Minimum 60 credit hours.
Minimum 30 credit hours, including minimum 18 credit hours in upper level courses 3000/4000) of which a minimum of 9 credit hours are at the 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours
Writing: Minimum 3 credit hours of Academic Writing
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS SUBJECT REQUIREMENT

Single Honours: Minimum 66 credit hours/Maximum 72 credit hours in the Honours subject.
Minimum 30 credit hours in upper-level courses (3000/4000) of which a minimum of 12 credit hours must be at the 4000 level not including the former MATH-4402(3) and not including courses that are cross-listed with Statistics.

Required courses:

MATH-1103(3) Introduction to Calculus I **and MATH-1104(3)** Introduction to Calculus II or the equivalent **MATH-1101(6)** Introduction to Calculus
MATH-1401(3) Discrete Mathematics
MATH-2105(3) Intermediate Calculus I or the former **MATH 2101(6)** Intermediate Calculus
MATH-2106(3) Intermediate Calculus II or the former **MATH 2101(6)**
MATH-1201(3) Linear Algebra I or the former **MATH-2201(6)** Linear Algebra
MATH-2203(3) Linear Algebra II or the former **MATH-2201(6)** Linear Algebra
MATH-3101(6) Advanced Calculus & Analysis
MATH-3202(3) Group Theory
MATH-4101(3) Complex Analysis
MATH-4202(3) Rings and Fields

Students who have not obtained a grade of at least C in **MATH-1103(3)** Introduction to Calculus I **and MATH-1104(3)** Introduction to Calculus II or the equivalent **MATH-1101(6)** Introduction to Calculus are advised not to proceed in a Mathematics major.
Students intending to major in Mathematics are strongly advised to take **MATH-1401(3)** Discrete Mathematics in their first year. It is a prerequisite for most second and third year courses in Mathematics.
Students majoring in Mathematics are strongly advised to take both **MATH-2105(3)** Intermediate Calculus I and **MATH-2106(3)** Intermediate Calculus II and **MATH-2203(3)** Linear Algebra II by the end of their second year, since several third year courses have these as prerequisites.
Students planning to go on to graduate studies are advised to consult with the Department before choosing second year courses.

REQUIREMENTS FOR A MINOR IN MATHEMATICS

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement: Minimum 12 credit hours in the Minor subject
Required courses: MATH-1103 (3) Introduction to Calculus I and MATH-1104 (3) Introduction to Calculus II or, the equivalent, MATH-1101 (6) Introduction to Calculus.

Any 12 credit hours at the 2000 level, or higher, may be chosen from math courses that are not listed in the "Restrictions" section below.
Note: Most upper-level math courses require MATH-1201 (3), Linear Algebra I, and/or MATH-1401 (3), Discrete Mathematics, as prerequisites. Students wishing to obtain a minor in mathematics are therefore encouraged to take one or both of these courses early on in their program.

Restrictions: MATH-2902(3) Mathematics Prior to 1640, MATH-2903(3) Mathematics for Early/Middle Years Teachers I, MATH-2904(3) Mathematics for Early/Middle Years Teachers II, MATH/PHIL 2901 (3) History of Calculus, MATH/PHIL-2305(3) Philosophy and Mathematics may not be used towards the minor requirement for mathematics.
Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Prerequisites

Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

Degree Credit for Introductory Courses

Students are reminded that a maximum of 6 credit hours at the 0000-level may be counted towards the degree. Credit towards the degree will not be granted for both **MATH-1201(3)** Linear Algebra I and the former **MATH-2201(6)** Linear Algebra or both **MATH-2203(3)** Linear Algebra II and the former **MATH-2201(6)** Linear Algebra. Credit towards the degree will not be granted for both **MATH-1102(3)** Basic Calculus (Terminal), **MATH-1103(3)** Introduction to Calculus I and **MATH-1104(3)** Introduction to Calculus II.or the equivalent **MATH-1101(6)** Introduction to Calculus

REQUIREMENTS FOR MATHEMATICS TEACHABLE MAJOR OR MINOR

MATHEMATICS MAJOR – Teaching stream

Required courses:

MATH-1103(3) Introduction to Calculus I **and MATH-1104(3)** Introduction to Calculus II or the equivalent **MATH-1101(6)** Introduction to Calculus
MATH-1401(3) Discrete Mathematics
MATH-2105(3) Intermediate Calculus I **and MATH-2106(3)** Intermediate Calculus II or the former **MATH-2101(6)** Intermediate Calculus
MATH-1201(3) Linear Algebra I **and MATH-2203(3)** Linear Algebra II or the former **MATH-2201(6)** Linear Algebra

An additional 9 credit hours in Mathematics, 6 of which must be at the 3000 level or higher.

An additional 6 credit hours selected from the following options:

6 credit hours in Mathematics.

OR

3 credit hours in Mathematics AND 3 credit hours from:
STAT-1301(3) Statistical Analysis I
STAT-1501(3) Elementary Biological Statistics I

OR

6 credit hours from:
STAT-1301(3) Statistical Analysis I
STAT-1302(3) Statistical Analysis II
The former **STAT-1201(6)** Introduction to Statistical Analysis
STAT-1501(3) Elementary Biological Statistics I
STAT-2001(3) Elementary Biological Statistics II or the former **STAT-1601(3)** Elementary Biological Statistics II

RESTRICTIONS: MATH-2903(3) Mathematics for Early/Middle Years Teachers I and MATH-2904(3) Mathematics for Early/Middle Years Teachers II may not be used towards the teachable major. Students may not receive credit for more than one of STAT-1301(3) or STAT-1501(3). Students may not receive credit for more than one of STAT-1302(3) or STAT-2001(3).

MATHEMATICS TEACHABLE MINOR (Senior Years)

Required courses:

MATH-1103(3) Introduction to Calculus I **and MATH-1104(3)** Introduction to Calculus II or the equivalent **MATH-1101(6)** Introduction to Calculus

An additional 9 credit hours in Mathematics.

An additional 3 credit hours in Mathematics OR an additional 3 credit hours from:
STAT-1301(3) Statistical Analysis I
STAT-1501(3) Elementary Biological Statistics I

RESTRICTIONS: MATH-2902(3) Mathematics Prior to 1640, MATH/PHIL-2901(3) History of Calculus, MATH/PHIL-2305(3) Philosophy and Mathematics may not be used towards a teachable minor. MATH-2903(3) Mathematics for Early/Middle Years Teachers I and MATH-2904(3) Mathematics for Early/Middle Years Teachers II may not be used towards the teachable minor for the senior years stream.

MATHEMATICS TEACHABLE MINOR (Early and Early/Middle Years)

Required courses: **MATH-2903(3)** Math for Early/Middle Years Teachers I

An additional 9 credit hours in Mathematics.

RESTRICTIONS: MATH-2902(3) Mathematics Prior to 1640, MATH/PHIL-2901(3) History of Calculus, MATH/PHIL-2305(3) Philosophy and Mathematics may not be used towards a teachable minor. Statistics courses may not be used towards the teachable minor, early and early/middle years stream.

COURSE LISTINGS

Courses are listed in numerical sequence: Students are advised to consult WebAdvisor or the appropriate Timetable on the website for courses to be offered in an upcoming term, as certain courses may not be available in each term. Students are advised to ensure that currently listed courses do not duplicate material studied previously under different course numbers.

MATH-0041(0) Mathematics Access I
MATH-0042(0) Mathematics Access II
MATH-1101(6) Introduction to Calculus
MATH-1102(3) Basic Calculus (Terminal)
MATH-1103(3) Introduction to Calculus I
MATH-1104(3) Introduction to Calculus II
MATH-1201(3) Linear Algebra I
MATH-1401(3) Discrete Mathematics
MATH-2102(3) Differential Equations I
MATH-2103(3) Differential Equations II
MATH-2105(3) Intermediate Calculus I
MATH-2106(3) Intermediate Calculus II
MATH-2202(3) Applied Algebra
MATH-2203(3) Linear Algebra II
MATH/STAT-2413(3) Introduction to Mathematical Finance
MATH-2501(3) Introduction to Number Theory
MATH-2701(3) Linear Optimization
MATH-2803(3) Scientific Computing For Mathematics
MATH/PHIL-2901(3) History of Calculus
MATH-2902(3) Mathematics Prior to 1640
MATH-2903(3) Mathematics for Early/Middle Years Teachers I
MATH-2904(3) Mathematics for Early/Middle Years Teachers II
MATH-3101(6) Advanced Calculus and Analysis
MATH-3104(3) Methods in Partial Differential Equations
MATH-3103(3) Methods in Advanced Calculus
MATH-3202(3) Group Theory
MATH-3203(3) Linear Algebra III
MATH-3401(3) Graph Theory
MATH-3402(3) Combinatorics
MATH-3403(3) Mathematical Logic
MATH/STAT-3412(3) Introduction to Operations Research
MATH/STAT-3611(3) Mathematical Statistics I
MATH/STAT-3612(3) Mathematical Statistics II
MATH-3701(3) Numerical Methods
MATH-3703(6) Mathematical Modelling
MATH-4001(6) Directed Readings in Mathematics
MATH-4003(3) Topics in Mathematics
MATH-4004(3) Directed Readings in Mathematics
MATH-4101(3) Complex Analysis
MATH-4202(3) Rings and Fields
MATH-4401(3) Advanced Graph Theory and Combinatorial Optimization
MATH-4403(3) Set Theory
MATH-4601(3) Introduction to Topology and Analysis
MATH-4602(3) Real Analysis
MATH-4603(3) Topology
MATH-5041(3) POST-BACC Numbers and Operations I
MATH-5042(3) POST-BACC Numbers and Operations II
MATH-5043(3) POST-BACC Geometry, Measurement &Stats
MATH-5044(3) POST-BACC Problem Solving & Algebra

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

MENNONITE STUDIES (MENN)

May 8, 2018

Chair: Professor R. Loewen

The establishment of the Chair in Mennonite Studies was made possible through the generous gifts of Dr. David Friesen, Q.C., his family, and the Federal Department of the Secretary of State.

INTRODUCTION

The Chair in Mennonite Studies was established to give students an opportunity to study the rich heritage of the Mennonites and their contribution to society. Mennonite Studies is an Interdisciplinary Program, combining history, religion, culture, and literature as they relate to the Mennonites in the past and present. In the courses and seminars students seek to understand the once maligned and persecuted people, and consider the contributions they have made, and are making, to the development of the modern society, including religion, culture, literature, and art. The question of how the Mennonites seek to come to terms with the world around them is a major part of the Program's emphasis.

A minor in Mennonite Studies is available to students pursuing a bachelor's degree. Those interested in completing a minor in Mennonite Studies should consult with the Chair in Mennonite Studies to plan their program of study. The Mennonite Studies Minor requires the completion of a minimum of 18 credit hours of courses in Mennonite Studies including Mennonites Studies I and II.

Students will find courses in Mennonite Studies an inspiring and informative addition to a liberal arts education. A Minor in Mennonites Studies, or courses in Mennonite Studies, will be relevant to students interested in Anabaptist origins, Mennonite migrations through Europe, and today's global Mennonite community. A Mennonite Studies program will also prepare students to work in the fields that focus on conflict resolution, multicultural understanding, and spiritual discipline. Such a program of study will be relevant to students intending to write MA and PhD theses dealing with Anabaptist-Mennonite subjects. Mennonite Studies courses will also prepare students to work in fields such as journalism, law, education, counselling, and public policy analysis. Students may also choose some area of Mennonite Studies to pursue further scholarly work in such disciplines as Conflict Resolution Studies, History, International Development Studies, Religion and Culture, Sociology, and Women's and Gender Studies.

REQUIREMENTS FOR A MINOR IN MENNONITE STUDIES

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement: Minimum 12 credit hours in the Minor subject
Required courses: **MENN-2101(3)** Mennonite Studies I and **MENN-2102(3)** Mennonite Studies II
12 credit hours from *any* of the following:

a) All third year Mennonite Studies courses
b) **HIST-2131(3)** History of Peace and Nonviolence I and/or **HIST-2132(3)** History of Peace and Nonviolence II
c) One 3 credit hour U of W course in which the student has written a major research paper on a Mennonite topic (with the approval of the Chair)
d) One 3 credit hour course in Mennonite history or related subject taken at a university level in another institution (with the approval of the Chair)

Restrictions: Students cannot declare the same subject as a Major and a Minor.

COURSE LISTINGS

MENN-2101(3) HIST-2108(3)	Mennonite Studies I
MENN-2102(3) HIST-2109(3)	Mennonite Studies II
MENN/HIST/ CRS-2131(3)	History of Peace and Nonviolence I
MENN/HIST/ CRS-2132(3)	History of Peace and Nonviolence II
MENN-3000(6)	Special Topics in Mennonite Studies
MENN-3102(3)/ HIST-3216(3)	Luther, Zwingli and Radical Reformers
MENN/HIST-3108(3)	Gender and Mennonites
MENN/HIST-3110(3)	Russia and the Mennonites
MENN/HIST-3111(3)	Conflict and Mennonites
MENN/HIST-3114(3)	Latin America and the Mennonites
MENN/HIST-3116(3)	Mennonites and World Issues
MENN/IDS-3150(3)	Mennonite Community and Development
MENN-3202(3)	The Mennonite Image in World Literature
MENN/HIST-3212(3)	Fact, Fiction and Images: Interpreting Manitoba Mennonites
MENN-3452(3)	Anabaptism and Evangelicalism
MENN/HIST-3541(3)	Mennonites in Canada
MENN/HIST-4535(6)	Immigration and Ethnicity in Canada and the United States

EXPERIMENTAL COURSES

MENN/GERM-2107(3)	Introduction to Mennonite Low German
MENN/HIST-3126(3)	Environmental History and the Mennonites

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

MODERN LANGUAGES AND LITERATURES (MOD)

Updated January 23, 2018

Dutch: see MODERN LANGUAGES AND LITERATURES (MOD)
French: see FRENCH STUDIES (FREN)
German: see GERMAN STUDIES (GERM)
Italian: see ITALIAN STUDIES (ITAL)
Portuguese: see PORTUGUESE STUDIES (PORT)
Spanish: see SPANISH STUDIES (SPAN)

Note: The department/program codes FREN, GERM, ITAL and SPAN replace the former codes 20, 26, 21, and 22 respectively. Students cannot hold credit in FREN-xxxx and the former 20.xxxx, GERM-xxxx and the former 26.xxxx, ITAL-xxxx and the former 21.xxxx, and SPAN-xxxx and the former 22.xxxx having the same course number (e.g., FREN-1001(6) and 20.1001(6)).

Chair: Professor S.A. Viselli; Professor: L. Rodriguez; Associate Professors: A. Balint, J. Machín-Lucas, G. Moulaison; Assistant Professors: S. Cook, K. Lovrien-Meuwese; Instructors III: M. LeMaître, M. Ruiz; Professor Emerita: C. Harvey; Professor Emeritus: K. Meadwell; Intructor III Emerita: A. Rusnak.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA

INTRODUCTION

The Department of Modern Languages and Literatures is home to a variety of courses and programming, including the 3-year BA in French Studies, German Studies, and Spanish Studies; the 4-year BA in French Studies, German Studies, and Modern Languages; and the Honours BA in French Studies.

Students can begin study of any of our languages without previous knowledge. Departmental advisors are available to assist students in the selection of their courses, and to ensure correct placement, students are asked to consult an advisor when registering for the first time in one of our courses. Students can study language, linguistics and literature in a variety of courses at different levels.

In addition to registering in our on-campus programs, students in French Studies and German Studies can benefit from study-abroad programs in Tours, France and at the Universität Bamberg in Germany.

For specific information about courses and programs in French Studies, German Studies, Italian Studies and Spanish Studies, please consult the appropriate calendar sections. The 4-year BA in Modern Languages is described below.

REQUIREMENTS FOR A 4-YEAR BA IN MODERN LANGUAGES

ADMISSION REQUIREMENT Students must consult with the Department Advisor in planning their studies.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major: 60 credit hours in two different languages and related courses, distributed as follows:

Prescribed courses:
30 credit hours in a main language and its culture and literature, to be selected from FREN, GERM, or SPAN, with a minimum of 6 credit hours at the 3000-level or higher. Exception: FREN-1100 and FREN-1102 may not be counted as a main language credit.
12 credit hours in an additional language, to be selected from: FREN, GERM, ITAL, or SPAN language. Exception: FREN-1100 and FREN-1102 may not be counted as an additional language credit.
Japanese: EALC-1100 and EALC-2100 **OR** EALC-2100 and 6 credit hours in approved EALC Japanese culture courses
Chinese: EALC-1200 or 1202 and EALC-2200 **OR** EALC-2200 and 6 credit hours in approved EALC Chinese culture courses
Korean: EALC-1300 and EALC-2300 **OR** EALC-2300 and 6 credit hours in approved EALC Korean culture courses
Cree: IS-1101 and IS-2101 **OR** IS-2101 and 6 credit hours in approved IS Cree culture courses
Ojibwe: IS-1201 and IS-2201 **OR** IS-2201 and 6 credit hours in approved IS Ojibwe culture courses
6 credit hours: LING-1001(6) Introduction to Linguistics

12 credit hours selected from any of:
Further courses in the selected main and additional languages and their cultures and literatures
Interdisciplinary Linguistics (LING) courses
MOD/ENGL-2710 Literature in Translation
MOD-1101 Introduction to Dutch
PORT-1001 Introduction to Portuguese
Up to 6 credit hours in a language other than the main and the additional language.

COURSE LISTINGS

MOD-1101(6) Introduction to Dutch

MOD-2710(3) Literature in Translation

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

MULTIDISCIPLINARY (MULT)

Updated May 8, 2018

INTRODUCTION

The University offers a variety of courses under the department designation “Multidisciplinary.” These courses may or may not be proposed by individual departments or programs, but they typically are associated with existing departments or programs. This category of courses may also be used to designate transfer credits from faculties or programs at other institutions with no counterpart among University of Winnipeg departments or programs.

COURSE LISTINGS

MULT-1000(3)	Introduction to University
MULT-1005(6)	Concepts in Science
MULT/BCHM-2119(3)	Summer Institute in Diseases and Policy
MULT-3001(3)	Ethics of Globalisation
MULT/BCHM-4119(4.5)	Summer Institute in Diseases and Policy

Experimental Courses:

MULT-0999(1)	Junior Research Scholar
MULT-1200(3)	Walls to Bridges: Studying Together at Corrections Facilities
MULT-3900(3/ 6)	Topics in Multidisciplinary Studies
MULT-4901(3/6)	Multidisciplinary Thesis

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

MUSIC (MUS)

Updated Jan 26, 2018

INTRODUCTION

The University formerly offered a Music Program in conjunction with Concord College (now part of the Canadian Mennonite University). No Music Major or Minor is currently available, but the University offers a small number of courses in Music which may be used as electives toward University of Winnipeg degrees. The courses are a collaboration between the Multidisciplinary Advisory Committee to the Vice-President Academic, the Department of Theatre and Film, and The University of Winnipeg Collegiate.

COURSE LISTINGS

MUS-1015(3)	Ensemble Practicum (Instrumental)
MUS/THFM-1500(3)	Music Appreciation
MUS/THFM-2011(3)	Ensemble Practicum (Choral)

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

PHILOSOPHY (PHIL)

Updated March 9, 2018

Acting Chair: Professor H. Grant.
Associate Professors: J. Forsey, J.R. Muir, B. Savickey, A. Scarfe.

DEGREES/PROGRAMMES OFFERED

3-Year BA
4-Year BA
Honours BA
Minor

INTRODUCTION

The Department of Philosophy at the University of Winnipeg has a long commitment to an historical approach to philosophy and philosophical education which our graduates attest has served them well. Students in our department have the opportunity to examine authors from every historical period, and from Europe, the Middle East, North America, and other parts of the world. They can investigate philosophy's fundamental metaphysical, epistemological, and axiological questions: What is the nature of the universe? What can I know? What should I become? What should I do? This historical approach allows students to encounter diverse answers to these questions and come to understand the historical origins of the dominant answers to these questions in contemporary society. In addition to courses in the Department's History Stream, students have the opportunity to select courses from the Ethics, Politics and Value Theory Stream or Metaphysics and Epistemology.

The Department offers a variety of 3-Year, 4-Year, and Honours B.A. programs and a Minor. Philosophy courses also provide an excellent theoretical adjunct to majors in other departments. Introduction to Logical Reasoning provides valuable critical thinking tools for all students. The Department offers discipline specific courses such as Philosophy of Education for Education, Philosophy of Literature for English, Philosophy of History for History, Philosophy of Religion for Religion, and Philosophy of Mind for Psychology. There are also applied ethics courses such as Environmental Ethics for Environmental Science/Studies students and Health Care and Bioethics for prospective doctors, nurses and other biomedical professionals. Philosophy of the Natural Sciences or Philosophy of the Social Sciences will be of interest to students in these programs.

In addition to increasing one's understanding of possible answers to important questions, Philosophy courses enhance students' thinking and writing skills. Philosophy courses are useful to students planning careers in journalism, law, education, policy-making, politics, theology, education, administration, and counseling. Graduate Studies in philosophy typically requires students to have an Honours degree in Philosophy.

REQUIREMENTS FOR A 3-YEAR BA IN PHILOSOPHY

ADMISSION REQUIREMENT — Students must consult with the Programme Advisor before declaring a major and are encouraged to do so before the end of their second year.

GRADUATION REQUIREMENT — 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	42 credit hours at the 1000 level. 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum 3 credit hours from each of 5 different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in Philosophy and satisfy minimum credit hours requirement in the other department/program.

Required courses in Single or Double Major:
- PHIL-1001(6) or PHIL-1002(6)
- 6 credit hours of History Stream courses
- 6 credit hours PHIL-1301(6) or PHIL-2302(6)
- 6 credit hours from either the Metaphysics and Epistemology Stream **OR the** Ethics, Politics and Value Theory Stream
- 6 credit hours in anyStream
- Depth Requirement:
  - Minimum 6 credit hoursmust be at the 3000- or 4000- level.

Combined Major: Minimum 48 credit hours from 2 different majors with not less than 24 credit hours in Philosophy courses.

Required courses:
PHIL-1001(6) or PHIL-1002(6)
6 credit hours PHIL-1301 (6) or PHIL-2302 (6)
6 credit hours History Stream

NOTE: PHIL-1301 and either PHIL-1001 or PHIL-1002 may be taken for degree credit.
3000 and 4000 level courses are offered in rotation.

REQUIREMENTS FOR A 4-YEAR BA IN PHILOSOPHY

ADMISSION REQUIREMENT Students must consult with the Programme Advisor before declaring a major and are encouraged to do so before the end of their second year.
Students should already have completed 30 credit hours.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours
Science: 6 credit hours
Social Science: 12 credit hours
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses: 42 credit hours at the 1000 level. 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum 3 credit hours from each of 5 different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 48 credit hours/Maximum 66 credit hours.
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.
Minimum of 18 credit hours/Maximum of 36 credit hours ancillary course
Maximum total of major courses is 84 credit hours.

Required courses for Single and Double Major:
Programme Core (30 credits)
PHIL-1001(6) or PHIL-1002(6)
PHIL-2302(6)
6 credit hours History Stream
6 credit hours Metaphysics and Epistemology Stream
6 credit hours Ethics, Politics and Value Theory Stream
Stream Requirement: 9 credit hours in a Stream
Electives: 9 credit hours
Depth Requirement:
6 credits 3000 level courses
6 credits 4000 level courses

Required courses for Student Directed Stream:
Programme Core (30 credits)
PHIL-1001(6) or PHIL-1002(6)
PHIL-2302(6)
6 credit hours History Stream
6 credit hours Metaphysics and Epistemology Stream
6 credit hours Ethics, Politics and Value Theory Stream
18 credit hours Thematic selection of courses in consultation with Programme Advisor
Depth Requirement:
6 credits 3000 level courses
6 credits 4000 level courses

Combined Major: Minimum 60 credit hours from two (2) different majors with not less than 30 credit hours from each major subject.

Required Courses:
Programme Core (30 credits)
PHIL-1001(6) or PHIL-1002(6)
PHIL-2302(6)
6 credit hours History Stream
6 credit hours Metaphysics and Epistemology Stream

6 credit hours Ethics, Politics and Value Theory Stream
Depth Requirement:
6 credits 3000 level courses
6 credits 4000 level courses

NOTE: PHIL-1301 and either PHIL-1001 or PHIL-1002 may be taken for degree credit.
3000 and 4000 level courses are offered in rotation.

REQUIREMENTS FOR AN HONOURS BA IN PHILOSOPHY

ADMISSION REQUIREMENT

Students must consult with the Programme Advisor to enter the Honours programme and are encouraged to do so before the end of their second year.
Students should already have completed 30 credit hours.
Entry, continuing and graduation minimum GPA is 3.0 (B) in Philosophy courses and 2.5 (C+) in other courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours**,** including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	42 credit hours at the 1000 level. 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject. Minimum 12 credit hours at 3000-level in Philosophy. Minimum 18 credit hours at 4000-level in Philosophy.
Double Honours:	Minimum 36 credit hours in each Honours subject. Minimum 12 credit hours at 3000 level in Philosophy. Minimum 18 credit hours at 4000-level in Philosophy. Consult department involved for the requirements of the other Honours subject.

Required courses:
Single Honours:
Programme Core (30 credits)
PHIL-1001(6) or PHIL-1002(6)
PHIL-2302(6)
6 credit hours History Stream
6 credit hours Metaphysics and Epistemology Stream
6 credit hours Ethics, Politics and Value Theory Stream
Stream Requirement: 12 credit hours in a Stream
PHIL-4800(6) **or** 6 credit hours 4000-level in student's Stream
Electives: 6 credit hours
Depth Requirement:
12 credit hours 3000-level courses
18 credit hours 4000-level courses (Including PHIL-4800(6) or 6 credit hour 4000-level courses.)

Student Directed Honours Programme:
Programme Core (30 credits)
PHIL-1001(6) or PHIL-1002(6)
PHIL-2302(6)
6 credit hours History Stream
6 credit hours Metaphysics and Epistemology Stream
6 credit hours Ethics, Politics and Value Theory Stream
18 credit hours Thematic selection of courses in consultation with Programme Advisor
PHIL-4800(6) **or** 6 credit hours 4000-level in student's Theme
Depth Requirement:
12 credit hours 3000-level courses
18 credit hours 4000-level courses (including PHIL-4800(6) or 6 credit hour 4000-level courses.)

Double Honours:

Programme Core (30 credits)
PHIL-1001(6) or PHIL-1002(6)
PHIL-2302(6)
6 credit hours History Stream
6 credit hours Metaphysics and Epistemology Stream
6 credit hours Ethics, Politics and Value Theory Stream
Stream Requirement: 12 credit hours in a Stream
PHIL-4800(6) **or** 6 credit hours 4000-level in Stream
Depth Requirement:
12 credit hours 3000-level courses
18 credit hours 4000-level courses (Including PHIL-4800(6) or 6 credit hour 4000-level courses.)

NOTE: PHIL-1301 and either PHIL-1001 or PHIL-1002 may be taken for degree credit.
3000 and 4000 level courses are offered in rotation.

REQUIREMENTS FOR A MINOR IN PHILOSOPHY

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement: Minimum 12 credit hours in the Minor subject
Required courses: Any 18 credit hours in Philosophy, subject to the above requirements
Restrictions: Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Students are advised that 3000- and 4000- level courses are offered in rotation. To complete your degree in a timely manner, you are advised to meet regularly with the Programme Advisor.

Philosophy Course Selection
Year 1 students are advised to take a 1000 level course, although 2000 level courses do not generally require a prerequisite. For Year 2 students, or beyond, the first Philosophy course may be at the 2000-level.
3000 level courses require a minimum of 12 credit hours in Philosophy.
4000 level courses require:
A minimum of 15 credit hours in Philosophy (9 credits at 2000 level or higher)
B average or better in Philosophy courses
Written permission of the Programme Advisor.
Courses may only be counted once for degree requirements.
3000- and 4000- level Topics courses may be repeated when the topics are different.

Humanities Requirement:
PHIL-2302(6) Logic does not fulfill the Humanities Requirement.
Credit for Logic courses received by transfer from other institutions does **not** fulfill the Humanities requirement.

Cross-Listed Courses
Approval of Programme Advisor is required to count more than one Philosophy cross-listed course for credit towards the Major.

STREAMS

HISTORY STREAM COURSES
PHIL 2002(3) History of Philosophy: Classical
PHIL 2003(3) History of Philosophy: Early Modern
PHIL 2004(3) History of Philosophy: 19th Century
PHIL 2005(3) History of Philosophy: Recent Anglo-American
PHIL 2010(3) History of Philosophy: Existentialism
PHIL-2020(3) History of Philosophy: Renaissance
PHIL 2112(3) History of Philosophy: Medieval Latin
PHIL 2291(3) History of Educational Ideas
PHIL 3502(3) History of Philosophy: Medieval Arabic and Hebraic
PHIL 3504(3) Plato and Before
PHIL 3505(3) Aristotle and After
PHIL 3507(3) 17th Century Philosophy
PHIL 3508(3) 18th Century Philosophy
PHIL 3509(3) 19th Century Philosophy
PHIL 3510(3) Anglo-American Philosophy
PHIL 3511(3) Postmodern Philosophy
PHIL 4117(3) Topics in Continental Philosophy
PHIL 4503(3) Topics in the History of Philosophy

ETHICS, POLITICS AND VALUE THEORY STREAM COURSES
PHIL/POL 2200(6) Social and Political Philosophy
PHIL 2201(6) Moral Philosophy
PHIL 2202(3) Health Care and Bioethics
PHIL 2207(3) Philosophy of Law
PHIL 2208(3) War and Peace
PHIL 2219(3) Philosophy of Art
PHIL 2220(3) Philosophy of Literature
PHIL 2230(3) Moral Issues in Business
PHIL 2240(3) Indigenous Justice Issues
PHIL 2233(3) Environmental Ethics
PHIL 2281(3) Philosophy of Education
PHIL 3215(3) Philosophy and Social Reality
PHIL 3514(3) Topics in Applied Ethics
PHIL 3515(3) Topics in Political Philosophy
PHIL 3516(3) Topics in Applied Political Philosophy
PHIL 4204(3) Topics in Moral Philosophy
PHIL 4501(3) Topics in Aesthetics
PHIL 4504(3) Topics in Social and Political Philosophy

METAPHYSICS AND EPISTEMOLOGY STREAM COURSES

PHIL 2232(3) Philosophy of Religion
PHIL 2234(3) Philosophy of Nature
PHIL 2251(3) Philosophy of the Natural Sciences
PHIL 2252(3) Philosophy of the Social Sciences
PHIL 2264(3) Philosophy of Mind
PHIL 3100(3) Epistemology
PHIL 3101(3) Metaphysics
PHIL 3304(3) Philosophy of Language
PHIL 3512(3) Philosophy of Mind
PHIL 4266(3) Topics in Epistemology
PHIL 4267(3) Topics in Metaphysics
PHIL 4277(3) Topics in Analytic Philosophy

Students are advised that 3000- and 4000-level courses are offered in rotation and may not be offered in each session.

PHIL-4700(3) Directed Individual Study This course requires permission of Instructor and Programme Advisor. Students should have demonstrated ability to do independent work. A preliminary course description must be submitted in writing to the Instructor and the Programme Advisor by the end of the first week of term. Students should consult their Instructor well in advance of that deadline.

PHIL-4800(6) Honours Thesis: Students wishing to enrol in this course must be enrolled in the Honours Programme and consult with the Programme Advisor to determine a thesis topic.

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

PHYSICS (PHYS)

Updated May 4, 2018

Chair: D. Vincent; Professors: G. Kunstatter, J. Martin, M. Martin; Associate Professors: D. Vincent, C. Bidinosti; A. Frey, B. Jamieson; Assistant Professors: R. Mammei; Instructors: I. Burley, D. Campbell, E. Elhami, V. Milosevic-Zdjelar.

DEGREES/PROGRAMS OFFERED

3-Year BSc
3-Year BSc (Computational Physics Stream)
3-Year BSc (Radiation Health and Safety Stream)
4-Year BSc
4-Year BSc (Chemical Physics Stream)
4-Year BSc (Computational Physics Stream)
4-Year BSc (Radiation Therapy) – *See Radiation Therapy section of this Calendar.*
Honours BSc
Honours BSc (Chemical Physics Stream)
Honours BSc (Mathematical Physics Stream)
Honours BSc (Medical Physics Stream)
Minor

INTRODUCTION

Physics is the study of nature at its most fundamental level. Its purpose is to formulate theories that accurately account for the behaviour of observed phenomena at all levels, from the microscopic world of the atom, to the vast reaches of the universe as a whole. In the process of trying to understand nature, physics often makes surprising discoveries that revolutionize the world. Such discoveries include lasers, the electronic processes underlying today's compact, high-speed computers, and the nuclear processes behind medical imaging systems such as MRI's. Even the World Wide Web was developed by particle physicists as a graphics-based communications system to enable them to share information.

A degree in Physics can lead to careers in teaching at the school or university level and research in universities, government labs, and high-tech industry. Physicists acquire skills that are also useful in a wide variety of other fields, such as engineering, health sciences, and finance. Specialized streams in chemical, mathematical, and computational physics are available for those wanting to pursue studies in one of these cross-disciplinary fields. Students pursuing any 3-year or 4-year BSc in Physics also have the opportunity to take a Business Stream (see the "Science with a Business Stream" section of this Course Calendar).

GENERAL INFORMATION

Prerequisites
Note that prerequisites may be waived in some circumstances; please consult the Department Chair.

Notes on Specific Courses and their Applicability
PHYS-1301(6) Introduction to Physics does not involve Calculus and is offered for pre-medical, pre-dental, and arts students.
PHYS-1701(6) Astronomy, **PHYS-2705(6)** Cosmology, and **PHYS-2812(3)** The Physics of Music meet the Science Requirement and are intended for liberal arts students who desire a non-mathematical approach to the understanding of science.
PHYS-2102(3) and PHYS-2103(3) - Scientific Computing and Numeric & Symbolic Computing - provide an introduction to the use of computers in science, and should be useful to anyone interested in gaining practical experience with a variety of programming languages.

GENERAL 3-YEAR BSc DEGREE REQUIREMENTS

ADMISSION REQUIREMENT Students must consult with a Department advisor in planning their course of study.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours.
Major:	Minimum 18 credit hours.

GENERAL DEGREE REQUIREMENT

Humanities:	Minimum 12 credit hours in Humanities.
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 33 credit hours/Maximum 48 credit hours in Major subject.
Double major: 33 credit hours in Physics and the specified number of credit hours in the other Department/ program.

GENERAL 4-YEAR BSc DEGREE REQUIREMENTS

ADMISSION REQUIREMENT Students must consult with a Department advisor in planning their studies.

GRADUATION REQUIREMENT 120 credit hours; that is, 90 credit hours meeting the requirements for the 3-Year BSc plus 30 additional credit hours.

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours.
Major: Minimum 30 credit hours.

GENERAL DEGREE REQUIREMENT
Humanities: Minimum 12 credit hours.
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

GENERAL HONOURS BSc DEGREE REQUIREMENTS

ADMISSION REQUIREMENT Students must have completed 30 credit hours.
Students must consult and have the approval of the Department Chair or the Chair's designate when planning their studies.

GRADUATION REQUIREMENT 120 credit hours
Graduation GPA Requirement: To graduate with a BSc (Honours), students must have a minimum GPA of 3.0 on all major (Physics) courses which will be calculated on all course attempts in the major, and a minimum GPA of 2.75 on all non-major courses which will be calculated as for the general degree.

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours.
Major: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 12 credit hours are at the 4000 level.

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT
Single Honours: Minimum 60 credit hours in the Major subject.
Minimum 30 credit hours in upper-level (3000 and 4000) Honours subject courses of which a minimum of 12 credit hours must be at the 4000 level.

REQUIREMENTS FOR A 3-YEAR BSc IN PHYSICS

MAJOR REQUIREMENT
Single Major: Minimum of 42 credit hours as per the courses listed below.

Required Courses (39 credit hours):
MATH-1101(6) Introduction to Calculus OR the equivalent MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II
PHYS-1101(6) Foundations of Physics I (Minimum 2.0 GPA, C)
PHYS-2105(3) Mathematical Physics I
PHYS-2106(3) Mathematical Physics II

PHYS-2201(6) Electricity & Magnetism
PHYS-2302(6) Foundations of Physics II
PHYS-3301(6) Quantum Mechanics I
PHYS-3901(3) Intermediate Physics Laboratory

Plus a minimum of 3 credit hours from:

PHYS-2102(3) Scientific Computing
PHYS-2103(3) Numeric & Symbolic Computing
PHYS-3202(3) Classical Mechanics I
PHYS-3203(3) Classical Mechanics II
PHYS-3402(3) Thermal Physics I
PHYS-3403(3) Thermal Physics II
PHYS-4201(6) Electromagnetic Theory
PHYS-4302(3) Condensed Matter Physics
PHYS-4303(3) Subatomic Physics
PHYS-4501(6) Introduction to General Relativity
PHYS-4601(6) Quantum Mechanics II

Recommended: Students are advised to include courses in the areas of Calculus and Differential Equations as part of their degree program. Students are advised to consult with the Department Chair before entering Year 2 of their studies.

Combined Major: Minimum of 48 credit hours from two (2) different majors with not less than 18 credit hour from each major subject.

Prescribed courses: Required courses depend on the second major area and will be determined in consultation with the department.

REQUIREMENTS FOR A 3-YEAR BSc (COMPUTATIONAL PHYSICS STREAM)

MAJOR REQUIREMENT

Single Major: Minimum of 66 credit hours as per the courses listed below.

Required Courses (42 credit hours):

MATH-1101(6) Introduction to Calculus OR the equivalent MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II
PHYS-1101(6) Foundations of Physics I
PHYS-2102(3) Scientific Computing
PHYS-2103(3) Numeric and Symbolic Computing
PHYS-2105(3) Mathematical Physics I
PHYS-2106(3) Mathematical Physics II
PHYS-2201(6) Electricity and Magnetism
PHYS-2302(6) Foundations of Physics II
With either
ACS-1903(3) Programming Fundamentals I and
ACS-1904(3) Programming Fundamentals II
OR
ACS-1905(3) Programming Fundamentals and
ACS-2947(3) Data Structures and Algorithms

Plus a minimum of 6 credit hours from:

PHYS-3202(3) Classical Mechanics I
PHYS-3203(3) Classical Mechanics II
PHYS-3301(6) Quantum Mechanics I
PHYS-3402(3) Thermal Physics I
PHYS-3403(3) Thermal Physics II
PHYS-3901(3) Intermediate Physics Laboratory
PHYS-4302(3) Condensed Matter Physics
PHYS-4303(3) Subatomic Physics
PHYS-4501(6) Introduction to General Relativity
PHYS-4901(3) Advanced Physics Laboratory

Plus a minimum of 18 credit hours from:

MATH-3701(3) Numerical Methods
Any courses from the Applied Computer Science 4-year B. Sc. Group I or Group II electives

REQUIREMENTS FOR A 3-YEAR BSc (RADIATION HEALTH AND SAFETY)

MAJOR REQUIREMENT:

Single Major: Minimum of 60 credit hours as per the courses listed below.

Required Courses (45 credit hours):

MATH-1101(6) Introduction to Calculus OR the equivalent MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II
BIOL-1112(6) Human Anatomy and Physiology
STAT-1501(3) Elementary Biological Statistics I
PHYS-1101(6) Foundations of Physics I

PHYS-2102(3) Scientific Computing
PHYS-2201(6) Electricity and Magnetism
PHYS-2302(6) Foundations of Physics II
CCMB-2510(3)* Radiation Biology
CCMB--2540(3)* Radiation Protection and Health Physics
PHYS-3901(3) Intermediate Physics Laboratory

Plus a minimum of 15 credit hours from:

PHYS-2105(3) Mathematical Physics I
PHYS-2106(3) Mathematical Physics II
PHYS-2103(3) Numeric and Symbolic Computing
PHYS-2502(3) Radiation and the Environment
PHYS-2503(3) Medical Imaging
CCMB-2520(3)* Physics of Radiation Therapy
CCMB--2530(3)* Industrial, Therapy, and Imaging Apparatus
PHYS-3301(6) Quantum Mechanics I
PHYS-3402(3) Thermal Physics I
PHYS-3403(3) Thermal Physics II
PHYS-3220(3)** Medical Physics and Physiological Measurement
STAT-2001(3) Elementary Biological Statistics II

*These courses are taught through CancerCare Manitoba (CCMB).
**This course is taught through the University of Manitoba.

REQUIREMENTS FOR A 4-YEAR BSc IN PHYSICS

MAJOR REQUIREMENT

Single Major: Minimum of 60 credit hours as per the courses listed below.

Required Courses (48 credit hours):

MATH-1101(6) Introduction to Calculus OR the equivalent MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II
PHYS-1101(6) Foundations of Physics I (Minimum 2.0 GPA, C)
PHYS-2105(3) Mathematical Physics I
PHYS-2106(3) Mathematical Physics II
PHYS-2201(6) Electricity & Magnetism
PHYS-2302(6) Foundations of Physics II
PHYS-3301(6) Quantum Mechanics I
PHYS-3901(3) Intermediate Physics Laboratory
PHYS-4601(6) Quantum Mechanics II
PHYS-4901(3) Advanced Physics Laboratory

Plus a minimum of 12 credit hours from:

PHYS-3202(3) Classical Mechanics I
PHYS-3203(3) Classical Mechanics II
PHYS-3402(3) Thermal Physics I
PHYS-3403(3) Thermal Physics II
PHYS-4201(6) Electromagnetic Theory
PHYS-4302(3) Condensed Matter Physics
PHYS-4303(3) Subatomic Physics
PHYS-4501(6) Introduction to General Relativity

Students must complete a special registration form available from the Department Chair before registering for the 66th credit hour.

Combined Major: Minimum of 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.
Prescribed courses: Required courses depend on the second major area and will be determined in consultation with the department.

REQUIREMENTS FOR A 4-YEAR BSc (CHEMICAL PHYSICS STREAM)

MAJOR REQUIREMENT

Single Major: Minimum of 96 credit hours as per the courses listed below.

Required Courses (69 credit hours):

CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2401(3) Inorganic Chemistry I
CHEM-3101(3) Physical Chemistry of Condensed Phases

CHEM-3102(3) Quantum Chemistry and Spectroscopy
CHEM-4101(3) Molecular Structure, Spectroscopy and Reactivity
MATH-1101(6) Introduction to Calculus OR the equivalent MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II
MATH-1201(3) Linear Algebra I
MATH-2102(3) Differential Equations I
PHYS-1101(6) Foundations of Physics I
PHYS-2201(6) Electricity and Magnetism
PHYS-2302(6) Foundations of Physics II
PHYS-3301(6) Quantum Mechanics I
PHYS-3901(3) Intermediate Physics Laboratory
PHYS-4601(6) Quantum Mechanics II

Plus a minimum of 3 credit hours from:
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-3401(3) Inorganic Chemistry II: Coordination and Organometallic Chemistry

Plus a minimum of 12 credit hours from:
PHYS-3202(3) Classical Mechanics I
PHYS-3203(3) Classical Mechanics II
PHYS-3402(3) Thermal Physics I
PHYS-3403(3) Thermal Physics II
PHYS-4302(3) Condensed Matter Physics
PHYS-4303(3) Subatomic Physics
PHYS-4001(6) Honours Thesis

Plus a minimum of 12 credit hours from:
PHYS-2102(3) Scientific Computing
PHYS-2103(3) Numeric and Symbolic Computing
PHYS-2105(3) Mathematical Physics I
PHYS-2106(3) Mathematical Physics II
MATH-2105(3) Intermediate Calculus I
MATH-2106(3) Intermediate Calculus II
MATH-2103(3) Differential Equations II
MATH-2203(3) Linear Algebra II

REQUIREMENTS FOR A 4-YEAR BSc (COMPUTATIONAL PHYSICS STREAM)

MAJOR REQUIREMENT

Single Major: Minimum of 96 credit hours as per the courses listed below.

Required Courses (57 credit hours):
MATH-1101(6) Introduction to Calculus OR the equivalent MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II
PHYS-1101(6) Foundations of Physics I
PHYS-2102(3) Scientific Computing
PHYS-2103(3) Computational Physics
PHYS-2201(6) Electricity and Magnetism
PHYS-2302(6) Foundations of Physics II
PHYS-3301(6) Quantum Mechanics I
PHYS-3901(3) Intermediate Physics Laboratory
PHYS-4601(6) Quantum Mechanics II
PHYS-2105(3) Mathematical Physics I and
PHYS-2106(3) Mathematical Physics II
With either
ACS-1903(3) Programming Fundamentals I and
ACS-1904(3) Programming Fundamentals II
OR
ACS-1905(3) Programming Fundamentals and
ACS-2947(3) Data Structures and Algorithms

Plus a minimum of 12 credit hours from:
PHYS-3202(3) Classical Mechanics I
PHYS-3203(3) Classical Mechanics II
PHYS-3402(3) Thermal Physics I
PHYS-3403(3) Thermal Physics II
PHYS-4001(6) Honours Thesis
PHYS-4302(3) Condensed Matter Physics
PHYS-4303(3) Subatomic Physics
PHYS-4501(6) Introduction to General Relativity
PHYS-4901(3) Advanced Physics Laboratory

Plus a minimum of 27 credit hours from:
MATH-3701(3) Numerical Methods
Any courses from the Applied Computer Science 4 year B. Sc. Group I or Group II electives

REQUIREMENTS FOR AN HONOURS BSc IN PHYSICS

HONOURS REQUIREMENT
Single Honours: Minimum of 96 credit hours as per the courses listed below.

Required Courses (66 credit hours):

MATH-1101(6)	Introduction to Calculus OR the equivalent MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II
MATH-2105(3)	Intermediate Calculus I (OR MATH-2102 Differential Equations 1)
MATH 2106(3)	Intermediate Calculus II (OR MATH-2103 Differential Equations 2)
PHYS-1101(6)	Foundations of Physics I
PHYS-2201(6)	Electricity & Magnetism
PHYS-2105(3)	Mathematical Physics I
PHYS-2106(3)	Mathematical Physics II
PHYS-2302(6)	Foundations of Physics II
PHYS-3202(3)	Classical Mechanics I
PHYS-3203(3)	Classical Mechanics II
PHYS-3301(6)	Quantum Mechanics I
PHYS-3901(3)	Intermediate Physics Laboratory
PHYS-4001(6)	Honours Thesis
PHYS-4601(6)	Quantum Mechanics II
PHYS-4901(3)	Advanced Physics Laboratory

Plus a minimum of 18 credit hours from:

PHYS-2102(3)	Scientific Computing
PHYS-2103(3)	**Numeric & Symbolic Computing**
PHYS-3402(3)	Thermal Physics I
PHYS-3403(3)	Thermal Physics II
PHYS-4201(6)	Electromagnetic Theory
PHYS-4302(3)	Condensed Matter Physics
PHYS-4303(3)	Subatomic Physics
PHYS-4501(6)	Introduction to General Relativity

In addition to the above, students must select a further 6 credit hours in Mathematics and 6 credit hours from Biology and/or Chemistry excluding **BIOL-1102(6)** Biology and Human Concerns and **CHEM-2801(6)** Chemistry and Society.
If necessary, alternate Mathematics or Physics courses can be substituted with written permission from the Department of Physics.

REQUIREMENTS FOR AN HONOURS BSc (CHEMICAL PHYSICS STREAM)

HONOURS REQUIREMENT
Single Honours: Minimum of 96 credit hours as per the courses listed below.

Required Courses (75 credit hours):

CHEM-1111(3)	Introduction to the Chemical Properties of Matter
CHEM-1112(3)	Basic Principles of Chemical Reactivity
CHEM-2102(3)	Thermodynamics and Kinetics
CHEM-2103(3)	Atoms, Molecules and Spectroscopy
CHEM-2401(3)	Inorganic Chemistry I
CHEM-3101(3)	Physical Chemistry of Condensed Phases
CHEM-3102(3)	Quantum Chemistry and Spectroscopy
CHEM-4101(3)	Molecular Structure, Spectroscopy and Reactivity
MATH-1101(6)	Introduction to Calculus OR the equivalent MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II
MATH-1201(3)	Linear Algebra I
MATH-2102(3)	Differential Equations I
PHYS-1101(6)	Foundations of Physics I
PHYS-2201(6)	Electricity and Magnetism
PHYS-2302(6)	Foundations of Physics II
PHYS-3301(6)	Quantum Mechanics I
PHYS-3901(3)	Intermediate Physics Laboratory
PHYS-4001(6)	Honours Thesis
PHYS-4601(6)	Quantum Mechanics II

Plus a minimum of 3 credit hours from:

CHEM-2202(3)	Organic Chemistry I
CHEM-2203(3)	Organic Chemistry II
CHEM-2302(3)	Quantitative Chemical Analysis
CHEM-3401(3)	Inorganic Chemistry II: Coordination and Organometallic Chemistry

Plus a minimum of 6 credit hours from:

PHYS-3202(3)	Classical Mechanics I
PHYS-3203(3)	Classical Mechanics II
PHYS-3402(3)	Thermal Physics I
PHYS-3403(3)	Thermal Physics II
PHYS-4302(3)	Condensed Matter Physics

PHYS-4303(3) Subatomic Physics

Plus a minimum of 12 credit hours from:

PHYS-2102(3) Scientific Computing
PHYS-2103(3) Computational Physics
PHYS-2105(3) Mathematical Physics I
PHYS-2106(3) Mathematical Physics II
MATH-2105(3) Intermediate Calculus I
MATH-2106(3) Intermediate Calculus II
MATH-2103(3) Differential Equations II
MATH-2203(3) Linear Algebra II

If necessary, alternate Mathematics or Physics courses can be substituted with written permission from the Department of Physics.

REQUIREMENTS FOR AN HONOURS BSc (MATHEMATICAL PHYSICS STREAM)

HONOURS REQUIREMENT

Single Honours: Minimum of 96 credit hours as per the courses listed below.

Required Courses (75 credit hours):

MATH-1101(6) Introduction to Calculus OR the equivalent MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II
MATH-1201(3) Linear Algebra I
MATH-2105(3) Intermediate Calculus I
MATH-2106(3) Intermediate Calculus II
MATH-2102(3) Differential Equations I
MATH-2103(3) Differential Equation II
MATH-2203(3) Linear Algebra II
PHYS-1101(6) Foundations of Physics I
PHYS-2105(3) Mathematical Physics I
PHYS-2106(3) Mathematical Physics II
PHYS-2201(6) Electricity and Magnetism
PHYS-2302(6) Foundations of Physics II
PHYS-3301(6) Quantum Mechanics I
PHYS-3901(3) Intermediate Physics Laboratory
PHYS-4001(6) Honours Thesis
PHYS-4201(6) Electromagnetic Theory
PHYS-4601(6) Quantum Mechanics II

Plus a minimum of 6 credit hours from:

MATH-3101(6) Advanced Calculus and Analysis
MATH-3103(3) Methods in Advanced Calculus
MATH-3202(3) Group Theory
MATH-3402(3) Combinatorics
MATH-3701(3) Numerical Methods
MATH-4101(3) Complex Analysis
MATH-4403(3) Set Theory
MATH-4601(3) Introduction to Topology and Analysis

Plus a minimum of 15 credit hours from:

PHYS-3202(3) Classical Mechanics I
PHYS-3203(3) Classical Mechanics II
PHYS-3103(3) Special Topics in Physics
PHYS-3402(3) Thermal Physics I
PHYS-3403(3) Thermal Physics II
PHYS-4302(3) Condensed Matter Physics
PHYS-4303(3) Subatomic Physics
PHYS-4501(6) Introduction to General Relativity
PHYS-4901(3) Advanced Physics Laboratory

If necessary, alternate Mathematics or Physics courses can be substituted with written permission from the Department of Physics.

REQUIREMENTS FOR AN HONOURS BSc (MEDICAL PHYSICS STREAM)

HONOURS REQUIREMENT

Single Honours: Minimum of 84 credit hours as per the courses listed below.

Required Courses (69 credit hours):

BIOL-1112(6) Human Anatomy and Physiology
STAT-1501(3) Elementary Biological Statistics I
MATH-1101(6) Introduction to Calculus OR the equivalent MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II
PHYS-1101(6) Foundations of Physics I
PHYS-2201(6) Electricity & Magnetism
PHYS-2105(3) Mathematical Physics I
PHYS-2106(3) Mathematical Physics II

PHYS-2102(3) Scientific Computing
PHYS-2302(6) Foundations of Physics II
PHYS-3202(3) Classical Mechanics I
PHYS-3301(6) Quantum Mechanics I
PHYS-3901(3) Intermediate Physics Laboratory
PHYS-4001(6) Honours Thesis
PHYS-4601(6) Quantum Mechanics II
PHYS-4901(3) Advanced Physics Laboratory

Plus a minimum of 15 credit hours from:

PHYS-2502(3) Radiation and the Environment
PHYS 2503(3) Medical Imaging
PHYS-2103(3) Computational Physics
PHYS-3203(3) Classical Mechanics II
PHYS 3220(3)* Medical Physics and Physiological Measurement
PHYS-4302(3) Condensed Matter Physics
PHYS-4303(3) Subatomic Physics
PHYS-4501(6) Introduction to General Relativity
PHYS-4201(6) Electromagnetic Theory
STAT-2001(3) Elementary Biological Statistics II

Strongly recommended electives:

BIOL-1115(3) Cells and Cellular Processes
BIOL-3202(3) Histology

*This course is taught through the University of Manitoba.

REQUIREMENTS FOR A MINOR IN PHYSICS

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement: Minimum 12 credit hours in the Minor subject
Required courses:

6 credit hours of Physics 1101 (or Physics 1301 with permission)
6 credit hours of Physics 2201
6 credit hours of Physics 2302
It is strongly recommended that students take Physics 2105 and Physics 2106 concurrently with the 2000 level courses to achieve the correct mathematics background for Physics 2201 and Physics 2302.

Restrictions: Students cannot declare the same subject as a Major and a Minor.

COURSE LISTINGS

PHYS-1005(6)	Concepts in Science
PHYS-1101(6)	Foundations of Physics I
PHYS-1301(6)	Introduction to Physics
PHYS-1701(6)	Astronomy
PHYS-2102(3)	Scientific Computing
PHYS-2103(3)	Numeric & Symbolic Computing
PHYS-2105(3)	Mathematical Physics I
PHYS-2106(3)	Mathematical Physics II
PHYS-2110(3)	Statics
PHYS-2201(6)	Electricity and Magnetism
PHYS-2302(6)	Foundations of Physics II
PHYS-2502(3)	Radiation and the Environment
PHYS-2503(3)	Medical Imaging
PHYS-2705(6)	Cosmology: Science Fact to Science Fiction
PHYS-2777(3)	The Study of Time
PHYS-2803(3)	Fundamentals of Digital Electronics
PHYS-2812(3)	The Physics of Music
PHYS-3103(3)	Special Topics in Physics
PHYS-3202(3)	Classical Mechanics I
PHYS-3203(3)	Classical Mechanics II
PHYS-3301(6)	Quantum Mechanics I
PHYS-3402(3)	Thermal Physics I
PHYS-3403(3)	Thermal Physics II
PHYS-3901(3)	Intermediate Physics Laboratory
PHYS-4001(6)	Honours Thesis
PHYS-4201(6)	Electromagnetic Theory
PHYS-4302(3)	Condensed Matter Physics
PHYS-4303(3)	Subatomic Physics
PHYS-4501(6)	Introduction to General Relativity
PHYS-4601(6)	Quantum Mechanics II
PHYS-4901(3)	Advanced Physics Laboratory

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

POLITICAL SCIENCE (POL)

Updated May 8, 2018

Chair: Associate Professor Linda DeRiviere; Professors: Joan Grace, Peter Ives, Allen Mills; Associate Professors: Malcolm Bird, Joanne Boucher, Aaron Moore, Tanya Narozhna, Shannon Sampert, Ray Silvius; Emeritus Professor: Chris Leo

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Certificate in Public Policy and Administration
Minor
Master of Public Administration (MPA) – For more information, see *Graduate Studies Academic Calendar*.

INTRODUCTION

The study of Political Science examines power and authority at formal and informal levels – global/international, regional, national, and local. The academic discipline examines the material and non-material (historical, social, ideological, and ideational) forces that shape global/international, regional, national, and local politics. The study of Political Science is divided into a number of separate though overlapping fields, such as global/international politics, political thought, law, public policy and administration, Canadian politics and comparative politics, urban and community politics.

The Department offers the 3-Year BA, 4-Year BA, and Honours degrees, as well as a Master of Public Administration (MPA) in cooperation with the University of Manitoba. Students pursuing any of these degrees may also graduate with a Certificate in Public Policy and Administration. Students whose Major is not Political Science will find that courses in Political Science complement areas in other academic disciplines, such as Criminal Justice, Economics, History, Philosophy and Sociology, as well as in other inter-disciplinary programs, such as Urban and Inner City Studies, Indigenous Studies, Human Rights and Global Studies and Women's and Gender Studies.

Political Science graduates enter such professional fields as the public service, the legal profession, business administration, political organizations, and teaching. In addition, the pursuit of graduate studies in Political Science can lead to a university academic career.

REQUIREMENTS FOR A 3-YEAR BA IN POLITICAL SCIENCE

ADMISSION REQUIREMENT	Students must consult with a member of the Department in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum five (5) different subjects
MAJOR REQUIREMENT	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours
Double Major:	30 credit hours in Political Science and specified number of credit hours in the other department/program
Required courses:	Maximum 6 credit hours at the 1000 level in Political Science may be counted for degree credit, minimum 2.0 GPA. 12 to 18 credit hours at the 2000 level in Political Science 12 to 24 credit hours at the 3000 level in Political Science
Combined Major:	Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject
Required course:	Maximum 6 credit hours at the 1000 level in Political Science may be counted for degree credit, minimum 2.0 GPA.
Directed Readings:	Students are allowed a maximum of 12 credit hours of Directed Readings toward any Political Science degree.

REQUIREMENTS FOR A 4-YEAR BA IN POLITICAL SCIENCE

ADMISSION REQUIREMENT
Students must consult with the Department Advisor in planning their studies.
Students must have completed at least 30 credit hours in Political Science.

GRADUATION REQUIREMENT
120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Social Science: 12 credit hours in Social Science
Writing: Minimum 3 credit hours of Academic Writing
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 8 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum 3 credit hours from each of 5 different subjects

MAJOR REQUIREMENT
Single Major: Minimum 48 credit hours/Maximum 66 credit hours
Minimum 6 credit hours each from four of the five Areas of Study
Double Major: 48 credit hours in each Major subject as specified by the departments

Required courses: Maximum 6 credit hours at the 1000 level in Political Science may be counted for degree credit, minimum 2.0 GPA.
POL-2400(6) Canadian Politics
Minimum 18 credit hours at the 2000 level in Political Science
Minimum 24 credit hours at the 3000 level in Political Science
Maximum 18 credit hours at the 4000 level in Political Science

Directed Readings: Students are allowed a maximum of 12 credit hours of Directed Readings toward any Political Science degree.

Students who have obtained at least a 3.0 GPA in previous Political Science courses may substitute a maximum of 18 credit hours at the 4000 level for 3000-level courses.
Students without the required 3.0 GPA must consult the department for permission to take 4000-level courses.

Combined Major: Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject

Required courses: Maximum 6 credit hours at the 1000 level in Political Science may be counted for degree credit, minimum 2.0 GPA.
POL-2400(6) Canadian Politics
Minimum 3 credit hours from each of four different Areas of Study

REQUIREMENTS FOR AN HONOURS BA IN POLITICAL SCIENCE

ADMISSION REQUIREMENT
Students must have completed 30 credit hours with a minimum 3.0 GPA in Honours subject courses (cumulative GPA) and 2.5 GPA (degree GPA) in non-Honours courses.
Students must consult with and have the approval of the Department Chair or the Chair's designate in planning their course of study**.**

GRADUATION REQUIREMENT
120 credit hours, with minimum 3.0 GPA in Honours subject courses and 2.5 GPA in Non-Honours subject courses

RESIDENCE REQUIREMENT-
Degree: Minimum 60 credit hours
Honours: Minimum 30 credit hours**,** including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science

Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 8 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours / Maximum 78 credit hours Minimum 30 credit hours in 4000-level Honours courses Minimum 6 credit hours from four of the five Areas of Study
Double Honours:	Minimum 36 credit hours in each Honours subject Minimum 24 credit hours in 4000-level Honours courses in Political Science Minimum 6 credit hours each from three of the five Areas of Study
Honours Thesis:	If students opt to do an Honours thesis, they must defend their final written work before a two-member committee.
Required courses:	Maximum 6 credit hours at the 1000 level in Political Science may be counted for degree credit, minimum 2.0 GPA. **POL-2400(6)** Canadian Politics
Recommended courses:	Students planning to proceed to graduate studies are encouraged to take **POL-4225(6)** Scope and Methods of Political Science.
Directed Readings:	Students are allowed a maximum of 12 credit hours of Directed Readings toward any Political Science degree.

REQUIREMENTS FOR A CERTIFICATE IN PUBLIC POLICY AND ADMINISTRATION

Students graduating with a Major or an Honours degree may also graduate with a Certificate in Public Policy and Administration. In order to receive a Certificate, students must complete a concentration of courses in the Public Policy and Administration field as part of their Political Science program. Further program details may be obtained by contacting the Chair of the Department. Students must apply to graduate with a Certificate. Application forms are available at Student Services.

Certificate Requirements Requirements for the program are as follows:
This option is available to Major and Honours students in Political Science.

Total Credit Hours Required:	30 credit hours
Gateway Courses:	6 credit hours from Category 1 (Gateway Course)
Elective Courses:	Students must take a minimum 12 credit hours from Category 2 (Elective Courses)
Additional Courses:	The remaining 12 credit hours may be taken either through additional Elective courses, or, should the student have suitable grades and standing, through courses from Area 3 of the Honours list.

COURSES

Category 1: Gateway Course

All Certificate students are required to take POL-2300(6) Public Administration.

Category 2: Electives

All Certificate students must take a **minimum 12 credit hours** from this category.

Political Science

Global Politics

POL-3110(3) International Organization
POL-3115(3) Gender and Global Politics
POL-3120(3) International Law

Political Thought

POL-3224(3) Research Methods and Project Design

Law, Public Policy and Administration

POL-2320(3) Government-Business Relations in Canada
POL-3300(3) Public Policy Process
POL-3305(3) Special Topics in Public Policy
POL-3310(3) Health Care Policy in Canada
POL-3315(3) The Canadian Legal System
POL-3320(3) Women and the Law

Canadian and Comparative Politics

POL-2410(6) Human Rights and Civil Liberties in Canada
POL-3400(3) Indigenous Politics in Canada
POL-3405(3) Indigenous Politics in Manitoba
POL-3411(3) Indigenous People in Canada & the Law
POL-3415(3) Indigenous Justice & Canadian Law
POL-3439(3) Politics in Manitoba
POL-3450(3) Sustainability and Environmental Politics

City and Community Politics
POL-2500(3)(6) City Politics
POL-2505(3) Issues in City Politics
POL-3510(3) Interest Groups and New Social Movements

Economics
ECON-1104(3) Introduction to Economic Theory

Conflict Resolution Studies
CRS-1200(6) Introduction to Conflict Resolution Studies
CRS-2252(3) Conflict and Communication
CRS-2431(3) Negotiation Theory and Practice

International Development Studies
IDS-2160(3) Indigenous People and the Industrial State
IDS-2110(3) Participatory Local Development
IDS-2443(3) Conflict and Development Issues in Indigenous Communities
IDS-4920(3) Program Planning for Development and Conflict Resolution
IDS-4922(3) Program Evaluation for Development and Conflict Resolution

NOTE: Where a prerequisite exists for a course, admission of a certificate student will depend on either i) the student having fulfilled that prerequisite or ii) the relevant department waiving the prerequisite.

Category 3: Honours Courses

Global Politics
POL-4110(3) Seminar in International Organization

Political Thought
POL-4225(6) Scope and Methods in Political Science

Law, Public Policy and Administration
POL-4301(3)(6) Administrative Foundations of the Public Sector
POL-4310(3) Equity and Human Resources

Canadian and Comparative Politics
POL-4400(6) Seminar in Canadian Politics
POL-4405(6) Seminar in Manitoba Politics
POL-4410(3) Seminar in Women in Politics
POL-4415(3) Political Economy and the State

City and Community Politics
POL-4505(3) Politics of Urban Development

Streams within the Certificate Program:
While generally students may construct their own program, the above course offerings can be divided into a number of streams that should prove attractive to different audiences. Possible streams might include the following:

Indigenous Politics and Self-Government Policy
POL-3400(3) Indigenous Politics in Canada
POL-3405(3) Indigenous Politics in Manitoba
POL-3411(3) Indigenous People in Canada & the Law
POL-3415(3) Indigenous Justice & Canadian Law

Law and Public Policy
POL-2410(6) Human Rights and Civil Liberties in Canada
POL-3315(3) The Canadian Legal System
POL-3320(3) Women and the Law
POL-3411(3) Indigenous People in Canada & the Law
POL-3415(3) Indigenous Justice & Canadian Law

Urban Politics
POL-2500(3)(6) City Politics
POL-2505(3) Issues in City Politics
POL-4505(3) Politics of Urban Development

Gender and Public Policy
POL-3115(3) Gender and Global Politics
POL-3320(3) Women and the Law
POL/WGS/BUS-3321(3) Gender & Organizations
POL-3452(3) Gender Issues in Canadian Politics
POL-4310(3) Equity and Human Resources
POL-4410(3) Seminar in Women in Politics

REQUIREMENTS FOR A MINOR IN POLITICAL SCIENCE

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement:	Minimum 12 credit hours in the Minor subject
Required courses:	Maximum 6 credit hours at the 1000 level in Political Science may be counted for degree credit, minimum GPA 2.0. 12 credit hours in Political Science courses at or above the 2000 level
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Prerequisites
Except where otherwise indicated, there are no prerequisites for 2000-level and 3000-level courses in the Department of Political Science; however, for 3000-level courses, a previous course in Political Science would be beneficial. Students enrolling in Honours-level courses in the Department of Political Science must have credit for at least one Political Science course in the relevant Area. For example, students wishing to enrol in Seminar in Global Politics (POL-4100(3)) must have at least 3 credit hours in Area 1, Global Politics. Note: All 4000-level courses require departmental permission.

Changing Degree Programs
Students in the Political Science Major program, or who wish to enter the Political Science Major Program, may transfer from one degree program to another provided requirements are met.

Graduate Studies
The Political Science Department participates in the Master of Public Administration program offered jointly by the Universities of Manitoba and Winnipeg. Interested students are advised to consult this website for details:
http://umanitoba.ca/faculties/arts/departments/political_studies/master_pa/index.html.
Students may also consult with the Chair of the MPA program: ***Before July 1, 2018:*** Dr. Joan Grace, Political Science Department, U of Winnipeg; ***Starting July 1, 2018:*** Dr. Karine Levasseur, Political Studies Department, U of Manitoba.
Courses available for graduate credit (7000 level - GPOL) are included in the Master of Public Administration section of The University of Winnipeg's *Graduate Academic Calendar*.

Education Students
For Education students pursuing a Teachable Minor in Political Science, the following courses are recommended: POL-1011(6) Introduction to Political Science; POL-2100(6) Global Politics; POL-2400(6) Canadian Politics.

COURSE LISTINGS

The Political Science Department has organized its courses into five areas of specialization. Courses are listed in numerical sequence by Area of Study. Please use WebAdvisor or the appropriate Timetable on the website to find out which courses will be offered in an upcoming term, or consult with the Political Science Department Chair or Department Assistant.

INTRODUCTORY

POL-1011(6) Introduction to Political Science
POL-1012(3) The Canadian State and Indigenous People
POL-1014(3) Great Ideas in Political Thought
POL-1016(3) Global Political Issues
POL-1018(3) Issues in Canadian Politics, Government and Democracy
POL-1020(3) Why Politics Matters: Themes and Debates

AREA 1
GLOBAL POLITICS

POL-2100(6) Global Politics
POL-3105(3) Global Political Economy
POL-3110(3) International Organization
POL-3115(3) Gender and Global Politics
POL-3120(3) International Law
POL-3121(3) Special Topics in Global Politics
POL-3122(3) China in the Contemporary Global Politics
POL-3130(3) Canada in World Affairs
POL-3135(3) Global Security
POL-4100(3) Seminar in Global Politics
POL-4105(3) Seminar in Global Political Economy
POL-4106(3) The Political Economy of Rising Non-Western States
POL-4110(3) Seminar in International Organization
POL-4120(3) Seminar in Canadian Foreign Policy
POL-4121(3) Special Topics in Global Politics

AREA 2
POLITICAL THOUGHT

POL/PHIL-2200(6) Social and Political Philosophy
POL-2220(6) Politics and Film
POL-3205(3) Reason and Revolution
POL-3210(3) Politics and Art
POL-3216(3) Special Topics in Political Theory
POL-3220(3) Politics of Post-Modernism
POL-3224(3) Research Methods and Project Design
POL-3230(3) Canadian Political Thought
POL-3233(3) Power & Politics: 16C Political Thought
POL-3234(3) Sovereignty & Politics: 17C Political Thought
POL-3235(6) Politics of Love and Sex
POL-3250(3) Violence, Hegemony and the Rise of Mass Politics
POL-3255(3) Liberals, Marxists and Anarchists
POL-3260(3) Liberalism and Social Democracy
POL-4200(3) Feminist Political Thought
POL-4215(6) Seminar in Political Thought
POL-4216(3) Special Topics in Political Theory
POL-4220(6) Liberty and Community in Modern Canadian Political Thought
POL-4225(6) Scope and Methods in Political Science

AREA 3
LAW, PUBLIC POLICY AND ADMINISTRATION

POL-2300(6) Public Administration
POL-2320(3) Government-Business Relations in Canada
POL-3300(3) Public Policy Process
POL-3305(3) Special Topics in Public Policy
POL-3310(3) Health Care Policy in Canada
POL-3315(3) The Canadian Legal System
POL-3320(3) Women and the Law
POL/WGS/BUS-3321(3) Gender & Organizations
POL-4301(3)(6) Administrative Foundations of the Public Sector
POL-4310(3) Equity and Human Resources
POL-4380(6) Special Topics Seminar in Public Administration
POL-4385(3) Special Topics in Public Administration

AREA 4
CANADIAN AND COMPARATIVE POLITICS

POL/UIC/IS-2020(3) Colonization and Indigenous Peoples
POL-2400(6) Canadian Politics
POL-2410(6) Human Rights and Civil Liberties in Canada
POL-2415(3) The Politics of Racism
POL-3400(3) Indigenous Politics in Canada
POL-3405(3) Indigenous Politics in Manitoba
POL-3411(3) Indigenous People in Canada & the Law
POL-3415(3) Indigenous Justice & Canadian Law
POL-3436(3) United States Politics
POL-3439(3) Politics in Manitoba
POL-3450(3) Sustainability and Environmental Politics
POL-3452(3) Gender Issues in Canadian Politics
POL-3455(3) Politics and the Mass Media
POL-3460(3) Provincial Politics in Canada
POL-3470(3) Comparative Federalism & Multi-level Governance
POL-4400(6) Seminar in Canadian Politics
POL-4405(6) Seminar in Manitoba Politics
POL-4410(3) Seminar in Women in Politics
POL-4415(3) Political Economy and the State
POL-4440(6) Seminar in Indigenous Political Issues

AREA 5
CITY AND COMMUNITY POLITICS

POL-2010(3) Politics in the Inner City
POL-2500(3)(6) City Politics
POL-2505(3) Issues in City Politics
POL-3510(3) Interest Groups and New Social Movements
POL-3520(3) Community Democracy in a Global Age
POL-4505(3) Politics of Urban Development

POL-4520(3) Theories of Urban Poverty
POL-4515(6) Inner City Seminar

HONOURS THESIS, DIRECTED READINGS AND GENERAL SPECIAL TOPICS

POL-3030(3) Special Topics in Political Science
POL-3600(6) Directed Readings
POL-3605(3) Directed Readings
POL-4040(3) Special Topics in Political Science
POL-4600(6) Directed Readings
POL-4605(3) Directed Readings
POL-4610(6) Honours Thesis

Note:
GPOL-7000-LEVEL COURSES
Course listings for graduate courses (GPOL-7000- level) are now included in the Master of Public Administration section of The University of Winnipeg's *Graduate Studies Academic Calendar*.

EXPERIMENTAL COURSES:
POL-3116(3) Global Politics and Migration
POL-4445(3) The Politics of Racism in Canada
POL-4525(3) Local Public Administration

Note: The second digit identifies the area number.

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called "All course descriptions" in the "Academic Calendar" section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

PORTUGUESE STUDIES (PORT)

Updated January 23, 2018

Chair of the Department of Modern Languages & Literatures: Professor S.A. Viselli.

INTRODUCTION

Portuguese is one of the most widely spoken languages in the world, with approximately 215 million people speaking the language. It is the official language of Portugal, Brazil, Angola, Cape Verde, Guinea-Bissau, Mozambique, and São Tomé and Príncipe. It is also spoken in Macau (China), East Timor, Goa (India) and in many immigrant communities in Europe, the United States, Canada, Argentina, and Australia. Portuguese is one of the official languages of the European Union and is also the fifth most common language on the Web, with approximately 83 million Internet users.

Portuguese-speaking countries boast vibrant cultural activity that includes music (fado, corridinho, samba), folklore, literature, art and sport (soccer in particular). There are also festivals such as Carnival and Capoeira. It is the mother tongue of several internationally known authors and poets, such as Luís de Camões, the most famous writer in the Portuguese language, Fernando Pessoa, Jorge Amado, and Jose Saramago, who was awarded the Nobel Prize for literature in 1998.

Portuguese immigrants arriving in Canada in the 1960s and 1970s worked in factories, railroads, mines or construction, often with people who spoke the same language. Today, in many Luso-Canadian families, the younger generation is interested in learning Portuguese in order to communicate with grandparents and older relatives, and to keep their culture and traditions alive.

Learning another language can enrich your life and open up career opportunities. Speaking Portuguese is an asset in the tourism industry and also in international trade as Brazilian exports to the rest of the world continue to increase.

COURSE LISTINGS

PORT-1001(6) Introductory Portuguese

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

PSYCHOLOGY (PSYC)

Updated Feb 6, 2018

Chair: D. Williams**; Professors:** D. Bourassa, H. Bradbury, B. Fehr, P. Pearson, G. Rockman, L. Sinclair, S. Smith, H. Strub; **Associate Professors:** H. Aujla, B. Bolster, A. Desroches, J. Frimer, D. Gaucher, P. Trapnell; **Assistant Professors:** J. Friesen, D. Santesso; **Instructors:** M. Halldorson; **Adjunct Professors:** D. Bailis; J. Kornelsen, S. Skwarchuk.
Professors Emeritus: R. Norton, M. McIntyre; **Senior Scholars:** W. Josephson

DEGREES/PROGRAMS OFFERED

3-Year BA
4-year BA
Honours BA
For BSc degrees in BioPsychology, see the Biopsychology section of the Calendar.

INTRODUCTION

Psychology is the scientific study of the mind, human experience, and behaviour, ranging from the basic mechanisms of the nervous system to principles governing social relations. Topics studied include infant attachment, moral development, personality traits, visual perception, judgment and decision-making, fear conditioning, neural imaging, addiction, psychological disorders, prejudice, romantic relationships, and effective behaviour in organizations.

Given the diversity of psychology, students are encouraged to select courses from various areas that make up its core. These are physiological psychology, perception, learning, cognition, developmental psychology, personality, social psychology, and abnormal psychology. Students also take courses on the methods by which psychologists try to understand human behaviour and experience, from observations and surveys to biological procedures. In addition to coursework, students have opportunities to participate in psychological research, and to work with Psychology faculty on specific research projects. Students emerge with a sound understanding of the richness and complexity of human beings, with a broad range of competencies (e.g., spoken and written communication skills, critical thinking, quantitative abilities), and with an appreciation of how people can be understood scientifically.

The study of psychology has many benefits, both personal and professional. Psychology courses provide much specific information relevant to being students, partners, parents, and other important personal roles in life. Professional benefits are similarly diverse. Psychology courses contain content that is fundamental to numerous careers and are often part of training programs or are prerequisites for degrees in areas such as nursing or medicine, education, speech pathology, law enforcement, social services, business, and public administration.

For more information, visit our departmental website: **http://psychology.uwinnipeg.ca**

REQUIREMENTS FOR A 3-YEAR BA IN PSYCHOLOGY

The 3-Year BA in Psychology provides students with a basic level understanding of human behaviour and experience, and of psychological research methods. This is a good background for people seeking employment in fields that require a general undergraduate degree or for professional programs that admit students with 3-Year degrees. Although there may be some counselling or related programs that accept students with 3-Year degrees, generally students planning graduate studies in Psychology or related fields should pursue the Honours Program.

ADMISSION REQUIREMENT	Students are advised, but not required to consult with a member of the Department in planning their course of study. Entry into program after completing a minimum of 30 credit hours.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours. Minimum 6 credit hours at the 3000 level or above in Psychology.

Double Major:	Minimum 30 credit hours for Psychology and credit hours specified for other department.
Combined Major:	Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Required Courses (Required courses are the same for the Single, Double, and Combined Major):

PSYC-1000(6) Introductory Psychology, or a 3 credit introductory course transferred from another university as **PSYC-1000(3)** minimum 2.0 GPA (C)
PSYC-2101(3) Introduction to Data Analysis or equivalent STAT-1301(3) or STAT-1302(3), or STAT-2001(3), or the former STAT-1201(6), or STAT-1501(3), or the former STAT-1601(3).
PSYC-2102(3) Introduction to Research Methods
Minimum of 3 credit hours from Entry Category A (Social Sciences), to be selected from:
PSYC-2200(3) Developmental Psychology I: Fundamentals
PSYC-2300(3) Personality Psychology
PSYC-2400(3) Social Psychology I
Minimum of 3 credit hours from Entry Category B (Natural Sciences), to be selected from:
PSYC-2600(3) An Introduction to Cognitive Psychology
PSYC-2610(3) Perception I
PSYC-2800(3) Fundamentals of Animal Learning
PSYC-2900(3) Physiological Psychology I

Advisory:
Students with a 3.0 GPA (B) in Psychology courses are eligible to take 4000-level courses, but must receive permission from the Psychology Department's Honours Committee before registering for 4000-level courses.
Note that a 3-Year BA is *not* normally sufficient for admission to graduate studies. Students normally enrol in **PSYC-2101(3)** and **PSYC-2102(3)** in their 2nd year.

GENERAL INFORMATION
Prerequisites: **PSYC-1000(6) Introductory Psychology** or a 3 credit introductory course transferred from another university as **PSYC-1000(3)** is required for registration in all other Psychology courses. A grade of C or better in PSYC-1000 Introductory Psychology, or a 3 credit introductory course transferred from another university as **PSYC-1000(3), and** a minimum 2.0 overall GPA (C) is required for acceptance to the Major program.

REQUIREMENTS FOR A 4- YEAR BA IN PSYCHOLOGY

The 4-Year B.A. degree in Psychology meets the needs of students interested in psychology-related careers who require a deeper examination of psychology than provided by the 3-year degree program, but do not require an Honours degree in psychology. Students may plan to enter careers with an applied orientation directly after graduation (e.g., human services, community settings, law enforcement, health, business), or to apply for professional programs that require a 4-year degree, but not the more academic stream represented by the Honours degree. The program provides an opportunity for students to explore how their developing knowledge about psychological science can be applied in one or more fields of application.

ADMISSION REQUIREMENT	Students are required to consult with a member of the Department in planning their course of study. Entry into program after completing a minimum of 30 credit hours.
GRADUATION REQUIREMENT	Minimum 120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours, including minimum 9 credit hours at upper level (3000/4000).
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 48 credit hours / Maximum 66 credit hours Minimum of 18 credit hours at the 3000-level or above in Psychology.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program. Minimum of 12 credit hours at the 3000-level or above in Psychology. For the requirements of the other 4-Year Major subject, consult the department involved.

Combined Major:	Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject. Minimum of 12 credit hours at the 3000-level or above in Psychology.

Required Courses (Required courses are the same for the Single, Double, and Combined Major):

PSYC-1000(6) Introductory Psychology, or a 3 credit introductory course transferred from another university as **PSYC-1000(3)** minimum 2.0 GPA (C)
PSYC-2101(3) Introduction to Data Analysis or equivalent STAT-1301(3) or STAT-1302(3), or STAT-2001(3), or the former STAT-1201(6), or STAT-1501(3), or the former STAT-1601(3).
PSYC-2102(3) Introduction to Research Methods
Minimum of 6 credit hours from Entry Category A (Social Sciences), to be selected from:
PSYC-2200(3) Developmental Psychology I: Fundamentals
PSYC-2300(3) Personality Psychology
PSYC-2400(3) Social Psychology I
Minimum of 6 credit hours from Entry Category B (Natural Sciences), to be selected from:
PSYC-2600(3) An Introduction to Cognitive Psychology
PSYC-2610(3) Perception I
PSYC-2800(3) Fundamentals of Animal Learning
PSYC-2900(3) Physiological Psychology I

Advisory:
Students with a 3.0 GPA (B) in Psychology courses are eligible to take 4000-level courses, but must receive permission from the Psychology Department's Honours Committee before registering for 4000-level courses.
Note that a 3-Year BA is *not* normally sufficient for admission to graduate studies. Students normally enrol in **PSYC-2101(3)** and **PSYC-2102(3)** in their 2nd year.

GENERAL INFORMATION
Prerequisites: **PSYC-1000(6) Introductory Psychology** or a 3 credit introductory course transferred from another university as **PSYC-1000(3)** is required for registration in all other Psychology courses. A grade of C or better in PSYC-1000 Introductory Psychology, or a 3 credit introductory course transferred from another university as **PSYC-1000(3), and** a minimum 2.0 overall GPA (C) is required for acceptance to the Major program.

REQUIREMENTS FOR AN HONOURS BA IN PSYCHOLOGY

The Honours program gives interested students an opportunity to engage more fully with the subject matter of Psychology and to prepare for graduate study in Psychology, for advanced study in related fields, or for employment in occupations that require a deeper understanding of psychology and its research methods. Honours courses generally have smaller enrolments and give more emphasis to research than do general courses. Honours students must consult with an Honours Psychology advisor prior to each registration period.

ADMISSION REQUIREMENT	Entry into the program after completing a minimum of 30 credit hours. Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses. The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses. The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., Fs are not included, and in the case of repeated courses, only the highest grade will be used).
GRADUATION REQUIREMENT	Minimum 120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours**,** including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000-level**.**
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
	Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject. Minimum 30 credit hours in 4000-level Honours courses.
Double Honours	Minimum 36 credit hours in each Honours subject. Minimum 24 credit hours in 4000-level Honours courses in the Psychology component of the double Honours. For the requirements of the other Honours subject, consult the department involved.

Required courses (Required courses are the same for the Single and Double Honours.):

PSYC-1000(6) Introductory Psychology or a 3 credit introductory course transferred from another university as **PSYC-1000(3)**
PSYC-2101(3) Introduction to Data Analysis or STAT-1301(3) or STAT-1302(3), or STAT-2001(3), or the former STAT-1201(6), or STAT-1501(3), or the former STAT-1601(3).
PSYC-2102(3) Introduction to Research Methods
PSYC-4100(6) Research Design and Data Analysis
PSYC-4040(6) Honours Thesis

Minimum of 6 credit hours from Entry Category A (Social Sciences), to be selected from:
PSYC-2200(3) Developmental Psychology I: Fundamentals
PSYC-2300(3) Personality Psychology
PSYC-2400(3) Social Psychology I

Minimum of 6 credit hours from Entry Category B (Natural Sciences), to be selected from:
PSYC-2600(3) An Introduction to Cognitive Psychology
PSYC-2610(3) Perception I
PSYC-2800(3) Fundamentals of Animal Learning
PSYC-2900(3) Physiological Psychology I

Advisory:
Students with a 3.0 GPA (B) in Psychology courses are eligible to take 4000-level courses, but must receive permission from the Psychology Department's Honours Committee before registering for 4000-level courses.
Note that a 3-Year BA is *not* normally sufficient for admission to graduate studies. Students normally enrol in **PSYC-2101(3)** and **PSYC-2102(3)** in their 2nd year.
Honours students normally register for **PSYC-4100(6)** in their 3rd year.
The Honours thesis course, **PSYC-4040(6)**, is normally taken during the last registration period.

GENERAL INFORMATION
Prerequisites: **PSYC-1000(6) Introductory Psychology** or a 3 credit introductory course transferred from another university as **PSYC-1000(3)** is required for registration in all other Psychology courses. A grade of C or better in PSYC-1000 Introductory Psychology, or a 3 credit introductory course transferred from another university as **PSYC-1000(3), and** a minimum 2.0 overall GPA (C) is required for acceptance to the Major program.

COURSE LISTINGS

INTRODUCTION, HISTORY AND TOPICS

GENERAL COURSES

PSYC-1000(6) Introductory Psychology
PSYC-3050(3) Culture and Psychology

HONOURS COURSES

PSYC-4010(3) Advanced Reading and Research In Psychology I
PSYC-4020(3) Advanced Reading and Research In Psychology II
PSYC-4025(3) Topics in Psychology
PSYC-4030(3) Psychological Issues in Historical Perspective
PSYC-4040(6) Honours Thesis

METHODS

GENERAL COURSES

PSYC-2101(3) Introduction to Data Analysis*
PSYC-2102(3) Introduction to Research Methods*

HONOURS COURSES

PSYC-4100(6) Intermediate Research Design and Data Analysis

DEVELOPMENTAL

GENERAL COURSES

PSYC-2200(3) Developmental Psychology I: Fundamentals
PSYC-2210(3) Introduction to Educational Psychology
PSYC-3200(3) Developmental Psychology II: Childhood
PSYC-3220(3) Adult Psychology
PSYC-3230(3) Adolescent Psychology

HONOURS COURSES

PSYC-4200(3) Topics in Developmental Psychology
PSYC-4240(3) Social Development
PSYC-4250(3) Cognitive Development

PERSONALITY

GENERAL COURSES

PSYC-2300(3) Personality Psychology

HONOURS COURSES

PSYC-4300(3) Topics in Personality
PSYC-4350(3) Freud: On Personality and Clinical Practice
PSYC-4355(3) Freud: On Society and Culture

SOCIAL AND ORGANIZATIONAL

GENERAL COURSES

PSYC-2400(3) Social Psychology I
PSYC-2410(3) Social Psychology II
PSYC-2420(3) The Psychology of Sex and Gender
PSYC-2430(3) Psychological Approaches to Social Issues
PSYC-3450(3) Organizational Leadership and Decision Making
PSYC-3470(3) Forensic Psychology**
PSYC-3480(3) Interpersonal Communication

HONOURS COURSES

PSYC-4400(3) Topics in Social Psychology
PSYC-4410(3) Research Seminar in Social Psychology

COGNITION AND PERCEPTION

GENERAL COURSES

PSYC-2600(3) An Introduction to Cognitive Psychology*
PSYC-2610(3) Perception I*
PSYC-2620(3) Psycholinguistics*
PSYC-3600(3) Cognitive Processes

HONOURS COURSES

PSYC-4600(3) Topics in Human Learning and Memory
PSYC-4610(3) Topics in Perception
PSYC-4630(3) Topics in Cognitive Psychology

CLINICAL

GENERAL COURSES

PSYC-2700(3) Introduction to Clinical Psychology
PSYC-3700(3) Abnormal Behaviour in Adults
PSYC-3710(3) Abnormal Behaviour in Children And Adolescents
PSYC-3720(3) Behaviour Modification
PSYC-3740(3) Introduction to Family Processes

HONOURS COURSES

PSYC-4700(3) Topics in Abnormal Behaviour
PSYC-4730(3) Biological Considerations in Clinical
PSYC-4750(3) Psychological Testing

LEARNING, MOTIVATION, AND BEHAVIOUR GENETICS

GENERAL COURSES

PSYC-2800(3) Fundamentals of Animal Learning*
PSYC-3830(3) Genes, Evolution, and Behaviour I

HONOURS COURSES

PSYC-4800(3) Topics in Animal Learning
PSYC-4830(3) Genes, Evolution, and Behaviour II

BIOPSYCHOLOGY

GENERAL COURSES

PSYC-2900(3) Physiological Psychology I*
PSYC-2920(3) Drugs and Behaviour*
PSYC-3900(3) Physiological Psychology II
PSYC-3910(3) Human Neuropsychology
PSYC-3920(3) Cognitive Neuroscience
PSYC-3930(3) Mind, Brain and Body

HONOURS COURSES

PSYC-4900(3) Topics in Physiological Psychology
PSYC-4920(3) Topics in Cognitive Neuroscience

**These courses fulfill the University requirement for Science credit.*
***PSYC-3470 is cross-listed with CJ-3470.*

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

RADIATION THERAPY (RT)

Updated April 10, 2018

Chair of Physics: D. Vincent
Radiation Therapy Manager, Educational Services, CancerCare Manitoba: C. Zeller

DEGREES/PROGRAMS OFFERED

4-Year BSc

INTRODUCTION

Radiation Therapists are Medical Radiation Technologists (MRTs) who specialize in the planning, simulation and delivery of radiation treatments to patients who have diseases such as cancer. Therapists also perform patient assessments and provide education and emotional support to patients throughout the course of their treatment. The Radiation Therapy program is a Joint Diploma/Degree program between The University of Winnipeg and CancerCare Manitoba (CCMB). The Department of Physics is the administrative link from the University to the School of Radiation Therapy at CCMB. Similar in nature to the Education program; the study of RT at The University of Winnipeg blends theoretical knowledge with clinical practice in order to prepare students for a professional career in health care. Students in the RT program take courses from a variety of disciplines such as history, philosophy, biology, sociology and psychology alongside courses that focus on radiation science and patient care.

Radiation Therapy is a limited enrolment program. Students must first complete a qualifying year of studies and then apply specifically for the program; eight or fewer students are accepted each year into Year 2. Early in the program students are provided with the opportunity of working with radiation therapists and patients in the clinical setting. This enables students to begin the transition from university student to professionals early in their university career. Upon completion of the Diploma level, students are eligible to write the national certification examination administered by the CAMRT. The degree level of education in conjunction with the University provides a more competitive advantage in the job market for graduates in Canada and internationally. The program also provides opportunities for interested students to participate in clinical research.

- Space in the Radiation Therapy Degree Program is limited to eight Manitoba Residents and not all eligible applicants may be admitted.
- Students who have completed the specified 24 credit hours of pre-requisites may apply for admission to the Radiation Therapy 4-yr BSc with advanced standing.
- Successful applicants will need to submit and be cleared on a formal Criminal Record Search Certificate including a Vulnerable Sector Screening, and submit proof of current certification of cardiopulmonary resuscitation (CPR) at the basic Life Support (BLS) Health Care Provider (HCP-Level C).
- International Students are not eligible to enroll (under review).

NOTE: Some Radiation Therapy courses are under review for sequencing and requisites and subject to change. Please check the Academic Calendar section of the University website for the most up-to-date information.
http://uwinnipeg.ca/academics/calendar/index.html

Adult Criminal Records and Child Abuse Registry Checks

The following policy applies to all applicants to the School of Radiation Therapy at CCMB.

1. CCMB requires that all applicants must submit and be cleared on a formal Criminal Record Search Certificate (For Vulnerable Sector Search), and submit and be cleared on a formal Child Abuse Registry Check before admission can be finalized.
   a) The fee for each of these documents is the responsibility of the applicant.
   b) It can take up to 6 weeks to obtain the Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check. Students are encouraged to apply for these documents at the earliest possible date after notification of initial acceptance into the program.
   c) The Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check must be dated within the last 3 months to be valid.
   d) Originals of the Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check must be presented to the School of Radiation Therapy Office.
   e) An exact duplicate will be taken and stamped by a School representative. Originals will then be returned to the student. Students will receive a receipt acknowledging that the original documents have been seen and copied by a School of RT representative.
   e) The Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check will be kept strictly confidential and held separate from the student's main university file.
2. In the process of getting a Criminal Record Search Certificate, some applicants may be informed that they require a Fingerprint Search. The School of RT Office must be notified of this immediately. A fingerprint search can take a few months and the applicant must get special authorization from CCMB to remain in the program while the Fingerprint Search is conducted.
3. Applicants will automatically have their acceptance withdrawn and be removed from all courses if:

a) they fail to submit a Criminal Record Search Certificate and/or Child Abuse Registry Check by the designated deadlines.
b) they require a fingerprint search and have not informed the School of RT Office of this by August 30.
c) they appear on the Child Abuse Registry.

4. The existence of a criminal record will not automatically exclude applicants, but, applicants to and graduates of the Bachelor of Radiation Therapy program who have adult criminal convictions which indicate they may pose a threat to the safety and well-being of children are advised that they may not be eligible for employment in Manitoba or other Canadian jurisdictions.
   a) Applicants who have a criminal record may be asked to present an official fingerprint search/disposition prior to admission to the program.
   b) Decisions with regard to criminal records will be made by the School of Radiation Therapy in consultation with CCMB Human Resources Department and legal counsel.
   c) Applicants will be informed of CCMB's decision in writing. Applicants who are not admitted will have their Offer of Acceptance withdrawn and be removed from all courses.
5. Applicants are not required to disclose records under The Youth Criminal Justice Act. However, if the School of RT becomes aware of a youth record which raises questions relating to the safety and well-being of children and others under CCMB care, this may be considered relevant for admission, continued enrollment, and/or certification purposes.
6. Once admitted, the Criminal Record Search and Child Abuse Registry Check are valid for the duration of study in the School of Radiation Therapy as long as there is no change in status.
   a) Students are obligated to report a change in the status of their criminal record and/or Child Abuse Registry standing to the Radiation Therapy Manager, Educational Services.
   b) Students who appear on the Child Abuse Registry will be immediately withdrawn from the School of RT and any ongoing CCMB courses.
   c) Students reporting a change in the status of their criminal record will have their case evaluated by the School of Radiation Therapy in consultation with CCMB Human Resources Department and legal counsel. They will be informed of CCMB's decision in writing. Students who are not allowed to continue in the School of RT will be immediately withdrawn from the School and any ongoing CCMB courses.
   d) The School of RT has the right to remove a student from clinical while their case is being reviewed.
   e) Failure to disclose a criminal record or listing on the Child Abuse Registry will result in immediate expulsion from the School of RT.
7. The School of RT cannot be held responsible for future changes in legislation which may affect eligibility for professional certification.

GENERAL INFORMATION

Course Selection, Advising and Registration Information - Years 2-4

- RT students are advised through the School of RT Academic Advisor, assigned by the University.
- Newly admitted students must attend an orientation prior to registering. Orientation is routinely held the last two weeks of August. Dates of orientation will be provided in the registration materials students receive upon acceptance into the program.
- Registration materials for returning students can be found on-line beginning in mid-June. Specific materials necessary to registration are contained in these kits.
- Returning students are to participate in "yearly advising" which takes place the last week of May at the School of RT.
- Returning students will be assigned an appointment time to register during Tier 2 and it is expected that students will register during this time for those courses that are not mandated by the program. If a student does not register at their appointed time, the School of RT will not guarantee entry into courses that have filled and the student may require additional time in order to complete all degree requirements.
- In some years certain combinations of CCMB and UW courses may not be available. In cases like this, students may be advised to register for some Year 4 courses in Year 3 and Year 3 courses in Year 4.
- Certain requirements must be completed in certain years. The School of RT reserves the right to remove a student from a course if the student does not require the course for their program that particular year in order to accommodate a student who must have the course to graduate
- The School of RT reserves the right to move students from one section of a course to another section of the same course in order to balance sections and ensure that all students requiring the course are accommodated.
- The program reserves the right to change a required course to another course which meets the same requirement if necessary to ensure that all students are able to register for the courses that they need in order to graduate.

Withdrawal or Removal from the School of RT

- BSc-RT students who are placed on probation, suspension or not allowed to continue status will be removed from the School of RT and withdrawn from any on-going CCMB courses.
- Acceptance into the School of RT is for that academic year only. Admission cannot be deferred. Students declining an offer of admission must reapply if they wish to seek entry at a later date. As admission is dependent on the qualifications of the pool of applicants each year, subsequent admission cannot be guaranteed.
- Students who are admitted to the program but who do not register within the specified time will have their acceptance withdrawn and must reapply.
- Students who register and subsequently withdraw from required CCMB courses will be removed from the program unless they have received permission from The School of Radiation Therapy to withdraw.
- The BSc-RT degree cannot be granted without completion of a minimum of a 120 credit hour undergraduate degree; however, students can claim a general BSc without completing the BSc-RT portion should they wish to withdraw from the program.

With the exception of the courses listed below, all CCMB courses may be used as credit towards an Arts, Kinesiology or Science degree:

CCMB-2904(3) Clinical Education I
CCMB-3914(3) Clinical Education II
CCMB-3924(6) Clinical Education III
CCMB-3934(6) Clinical Education IV
CCMB-3944(6) Clinical Education V

- Students should also consult item XI for additional information on Removal from the School of RT.

Part-time Attendance

In Years 2-4 of the program, students are required to spend time in the clinical environment in both Winnipeg and Brandon to attain clinical competency. Students must be able to make arrangements to complete all elements of the program. These years of the program must be taken on a full-time basis. Students who complete the diploma portion of the program can continue taking the degree requirements on a part-time basis.

Challenge for Credit in the School of RT

The School of RT has a residency requirement which includes all CCMB didactic courses as well as clinical practice, therefore, students can only challenge for credit courses from other Canadian accredited radiation therapy programs.

Students wishing to seek credit for The University of Winnipeg courses are referred to The University of Winnipeg's academic regulations *Section 6. Recognition of Prior Learning.*

REQUIREMENTS FOR THE 4 YEAR BSc (RADIATION THERAPY)

ADMISSION REQUIREMENT Students must complete the Qualifying Year of courses (minimum 24 credit hours) in order to be eligible to apply to the program, and then be successful in the selection process.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours.
Major:	Minimum 30 credit hours.

GENERAL DEGREE REQUIREMENT

Humanities:	Minimum 12 credit hours.
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

Note: CCMB coded courses are offered at the School of Radiation Therapy located at CancerCare Manitoba

MAJOR REQUIREMENT: Minimum of 102 credit hours as per the courses listed below.

Required Courses (99 credit hours):

Qualifying Year for Admission:

BIOL-1112(6)	Human Anatomy and Physiology
STAT-1501(3)	Elementary Biological Statistics I
PHYS-1301(6)	Introduction to Physics
SOC-1101(6)	Introduction to Sociology or **PSYC-1000(6)** Introduction to Psychology (Sociology preferred) **plus** one Communications course – either 3 credit hours of Academic Writing (RHET) OR 3 credit hours of first-year English (ENGL) *Note: Students who have received an Academic Writing waiver, must take 3 credit hours of first-year English (ENGL);all other students must take Academic Writing.*

Required courses in the Program:

STAT-2001(3)	Elementary Biological Statistics II or the former **STAT-1601(3)**
SOC-3102(6)	Sociology of Medicine
KIN-1601(3)	Nutrition for Health and Wellness
PHIL-2202(3)	Health Care and Bioethics
PHYS-2503(3)	Medical Imaging
CCMB-2510(3)	Radiation Biology
CCMB-2520(3)	Physics of Radiation Therapy
CCMB-2530(3)	Industrial, Therapy, and Imaging Apparatus
CCMB-2540(3)	Radiation Protection and Health Physics
CCMB-2901(3)	Professional Practice and Patient Care in RT I
CCMB-2902(3)	Clinical Radiation Oncology I

CCMB-2903(3) Treatment Planning & Dosimetry I
CCMB-2904(3) Clinical Education I
CCMB-2911(3) Professional Practice and Patient Care in RT II
CCMB-2912(3) Clinical Radiation Oncology II
CCMB-2913(3) Treatment Planning & Dosimetry II
CCMB-3901(3) Directed Studies I
CCMB-3903(3) Directed Studies II
CCMB-3914(3) Clinical Education II
CCMB-3924(6) Clinical Education III
CCMB-3934(6) Clinical Education IV
CCMB-3944(6) Clinical Education V
CCMB-4902(3) Independent Studies

GRADE POINT REQUIREMENTS

- Students must obtain a minimum 2.5 GPA (C+) on the 24 credit hours in the Qualifying Year courses to be considered for admittance to the diploma portion of the degree.
- Students must obtain a minimum 2.0 GPA (C) in the courses utilized toward the degree major.
- Students must obtain a 2.0 GPA (C) on 102 credit hours and meet all Radiation Therapy requirements to qualify for the diploma.
- A student whose GPA falls below the minimum performance level and/or is on probation will be withdrawn from the program. For the "Minimum Grade Points Required to Continue" see The University of Winnipeg's academic regulations *Section VII Academic Standing and Status Evaluation, 7 c.*

NOTE: Also see SCHOOL OF RT RULES AND REGULATIONS section for more information.

SCHOOL OF RT RULES AND REGULATIONS

I. Rules and Regulations Governing RT Didactic Courses

a) Students who receive a grade less than "C" in courses **CCMB-2510(3)** Radiation Biology, **CCMB-2520(3)** Physics of Radiation Therapy, **CCMB-2530(3)** Industrial, Therapy, and Imaging Apparatus, **CCMB-2540(3)** Radiation Protection and Health Physics **CCMB-2901(3)** Professional Practice and Patient Care in RT I,**CCMB-2902(3)**Clinical Radiation Oncology I,**CCMB-2903(3)**Treatment Planning & Dosimetry I,**CCMB-2911(3)** Professional Practice and Patient Care in RT II, **CCMB-2912(3)** Clinical Radiation Oncology II ,**CCMB-2913(3)** Treatment Planning & Dosimetry II,**CCMB-3901(3)** Directed Studies I ,**CCMB-3903(3)** Directed Studies II , **CCMB-4902(3)** Independent Studies, will, have their status in the program reviewed by the Department Review Committee.

As a result of this review the Committee will recommend to the Dean of Science one of the following. That the student:

1. be required to successfully complete the course through a supplementary remediation process before being allowed to continue in the School of RT; or
2. in the case of a year 3 or 4 course they may be required to repeat the course, and may also be required to repeat the concurrent Clinical Education course. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the School of RT. Only one repeat of a course will be allowed, or
3. be withdrawn from the School of RT if the cumulative GPA for the term is less than 2.5.

b) Students may not be allowed to register for the next compulsory RT didactic or clinical course until they have successfully completed the previous compulsory RT didactic and clinical courses.

c*) If a student is placed on probation, suspension or not allowed to continue status at the end of the Fall Term, they will be immediately withdrawn from any ongoing or Winter Term education or clinical courses.*

d) If a student is placed on probation, suspension or not allowed to continue status at the end of the Winter Term, they will be immediately withdrawn from any ongoing Spring or Summer education or clinical courses.

e) If, during a repeat attempt, the student withdraws from the didactic and/or concurrent clinical course, this is considered an unsuccessful attempt and the student will be withdrawn from the program.

f) Students are required to attend a yearly orientation period which takes place in late August before lectures begin and is an integral part of the clinical education component of the program. Students who do not attend the orientation as scheduled will be asked to withdraw from the program.

g) Sessions to support clinical skills development will be routinely scheduled on Saturdays and evenings. Students will be provided with these dates in advance and will be expected to be available for all the components.

II. Rules and Regulations Governing RT Clinical Courses/Placements

a) Students who fail courses **CCMB-2904(3)** Clinical Education I, **CCMB-3914(3)** Clinical Education II, **CCMB-3924(6)** Clinical Education III, **CCMB-3934(6)** Clinical Education IV, **CCMB-3944(6) Clinical Education V** will have their status in the program reviewed by the Department Review Committee.

As a result of this review the Committee will recommend to the Dean of Science one of the following. That the student:

1. be required to successfully complete the course through a supplementary remediation process before being allowed to continue in the School of RT; or
2. in the case of a year 3 or 4 course they may be required to repeat the course, and may also be required to repeat the concurrent didactic course. When required to repeat the course the student will be expected to achieve a pass mark in order to be allowed to continue in the School of RT. Only one repeat of the course will be allowed, or

3. be withdrawn from the School of RT .

b) Students may not be allowed to register for the next compulsory RT didactic or clinical course until they have successfully completed the previous compulsory RT courses l.

c) *If a student is placed on probation, suspension or not allowed to continue status at the end of the Fall Term, they will be immediately withdrawn from any ongoing or Winter Term education or clinical courses.*

d) If a student is placed on probation, suspension or not allowed to continue status at the end of the Winter Term, they will be immediately withdrawn from any ongoing Spring or Summer education or clinical courses.

e) If, during a repeat attempt, the student withdraws from the course and/or clinical, this is considered an unsuccessful attempt and the student will be withdrawn from the program.

f) All placements will be arranged by the School of RT Office. Students are not allowed to arrange their own placement. All student placements will be guided by the following:

1) students will experience a variety of clinical areas within CCMB McCharles Unit in Winnipeg and the Western Manitoba Cancer Centre (WMCC) in Brandon; it is the student's responsibility to attend as scheduled.

2) students will have at least one placement at the Western Manitoba Cancer Centre (WMCC) in Brandon. These will be full-time basis and may range between 2-4 weeks in length.

g) Adjustments to the clinical dates or to the prescribed-RT format of the clinical will not be considered. Clinical education must be completed in the manner it is scheduled (e.g. five days per week, fifteen week blocks) and during the dates that are provided.

h) Students are expected to be available for clinical education on a full-time basis Monday- Friday from 6:00 a.m. - 6:00 p.m. All other activities or commitments must be worked around the assigned timetable.

i) Clinical education blocks may take place outside of the regularly scheduled university year. Students will be provided with these dates in advance and will be expected to be available for all the components.

j) Sessions to support clinical skills development and testing of clinical skills will be routinely scheduled on Saturdays and evenings. Students will be provided with these dates in advance and will be expected to be available for all the components.

III. English Proficiency

Students who, after admission, show an inadequate command of spoken or written English which interferes with their ability to communicate effectively in clinical areas will have to complete a proficiency test conducted by a University of Winnipeg designate. Students may be required to take further courses to improve their English which may result in withdrawal from the School of RT. Continuation in the RT Program will be contingent upon approval from the Language Assessment Evaluators and the RT Manager-Education Services.

IV. Withdrawing from CCMB Courses

1. Students wishing to withdraw from any CCMB course must notify the School of RT Office as this may result in removal from the program.
2. In cases where it is possible, the School of RT Office will recommend an extension to programming rather than a withdrawal, but only under the following circumstances: e.g. There is a documented medical reason or other documented extenuating circumstances (e.g. death in the family). Extensions may not be possible if clinical placements cannot be secured.
3. Students should note that CCMB courses may only be repeated once.
4. Students who are repeating clinical as a ruling of the Department Review Committee and who withdraw from the clinical will be considered to have made an unsuccessful attempt and the student will be withdrawn from the School of RT.

V. Performance Contracts

In some cases, students may be required to sign a Performance Contract in order to remain in the School of RT.

a) Failure to sign the contract will result in removal from the School of RT.

b) Failure to comply with the conditions of the contract can result in removal from the School of RT.

VI. Appeals and the School of RT

a) **Deferred Exams, Incomplete Term Work, and Grade Appeals**

1. The School of RT will follow the University academic regulations and policies. Students are directed to *Section VII Regulations and Policies, 9. Senate Appeals* for information on these appeals and deadlines.

-If School of RT procedures do not permit resolution, the student must appeal to the BSc-RT Department Review Committee (DRC)

b) **BSc-RT Department Review Committee (DRC)**.

1. The School of RT Department Review Committee deals with the following items:

- Students who receive grades below C in CCMB didactic courses or fail CCMB Clinical courses.
- Students who do not complete the requirements of the diploma portion of the program within the allotted time.
- Readmissions to the program in relation to currency requirements.
- Students who are removed from their Clinical placement at the request of the host site (CancerCare Manitoba McCharles Unit or Western Manitoba Cancer Centre).
- Students for whom a placement cannot be secured due to the conditions of a Performance Contract.
- Any other issues that may arise related to the performance of students in the program.

2. The DRC typically meets in January and June of each year.
3. Students will be notified in writing of the decision of the DRC.
4. Students may meet with the Dean of Science for explanation or clarification of the DRC decision.
5. Students wishing to appeal the DRC decision beyond the Education Program should direct an appeal to the Radiation Therapy Appeals Committee.
6. There are two grounds for appealing the decision of the DRC:

- The student has reason to believe that all pertinent information was not available when the case was considered by the DRC.
- The student has reason to believe and can demonstrate that the DRC did not give the appeal a fair hearing.

7. Students have 15 working days from the date of the written decision of the DRC to submit an appeal to the Radiation Therapy Appeals Committee.

VII. Currency Requirement
Students who withdraw from the program and seek readmission at a later date are advised that CCMB courses completed prior to readmission will be reviewed for currency. Students may be required to repeat some or all of these courses.

VIII. Standards of Professional Conduct for RT Students
1. The University of Winnipeg and the School of RT at CCMB are committed to maintaining its students' freedom of thought, belief, opinion and expression. As a professional program we are committed to assisting students in becoming professionals. The School of RT has the responsibility of fostering the academic freedom of students within the context of the CCMB Mission, Vision and Values and Code of Ethics and also has the responsibility of fostering the academic freedom of students with respect for the needs of the learner. The Canadian Association of Medical Radiation Technologists (CAMRT) Code of Ethics and Professional Conduct and the Competency Profile- Radiation Therapy describe professional characteristics and behaviours students are expected to develop and demonstrate during clinical and didactic course work. Students who do not demonstrate these professional standards may be referred to the School of RT Department Review Committee.

a) In keeping with the Canadian Charter of Rights and Freedoms the student will respect the dignity and rights of all persons.
b) The student acts in a responsible manner which includes being punctual, dependable and trustworthy in class and during clinical education placements.
c) The student maintains positive interpersonal relationships with peers, faculty, CCMB personnel and patients by contributing, cooperating, participating and working with others in a professional manner.
d) The student demonstrates a commitment to their chosen profession by taking initiative, showing enthusiasm, and showing an interest in learning about radiation therapy practices.
e) The student directs any criticism of the professional activity of others to that person and only then, after informing those of the intent to do so may direct in confidence the criticism to appropriate officials. It shall not be considered a breach of this clause to report reasonable grounds for suspecting child abuse to proper authorities according to legal requirements.
f) The student respects the confidentiality of information about patients, peers, School of RT and CCMB personnel, or The UW faculty received in confidence or in the course of professional duties.

2. Professional Misconduct
As future health care providers, RT students are expected to model and encourage appropriate learning behaviours in themselves and their peers. Recognizing that they are part of a health care team and that their behaviour and attitude has an impact on the team and the care they provide, the goal of all our students should be to create a positive learning environment where they learn from the instructors, patients and each other. RT students are expected to recognize the important and crucial role of the instructors, patients and their families in the learning process and to award them the respect and authority which is inherent in the role.

Professional Misconduct can include, but is not restricted to, the following:

a) Persistent failure to attend class or clinical education placements
b) Persistent disruptive behaviours such as:
   - talking in class during lectures or presentations, inappropriate social conversation in clinical settings
   - arriving late and/or leaving early for classes or clinical as scheduled
   - use of cell phone or other social media in class or clinical areas
c) Persistent lack of participation in class or clinical activities
d) Persistent inability to function in a group setting
   - non-contribution to group activities
   - behaviour causing negative impact on group
e) Persistent negative or disrespectful attitude
f) Persistent disregard for the role and authority of the didactic or clinical instructors

Gross misconduct is defined as, but not limited to, intoxication (whether from alcohol or drugs), fighting or other physical abuse, indecent behaviour, theft, serious breaches of health and safety rules, uttering threats, offensive behaviour (such as discrimination, harassment, bullying, abuse and violence) and gross insubordination and may result in immediate dismissal from the program. Those who observe student misconduct should be referred to the Chair of Physics at The University of Winnipeg or the Radiation Therapy Manager, Educational Services, at CancerCare Manitoba.

IX. Attendance Policy
The Bachelor of Science-Radiation Therapy Program leads to a professional degree. Accordingly, students are expected to attend, be punctual and participate in all classes and clinical education. These expectations acknowledge their importance for the teaching and learning process, the development of clinical competency and the professional responsibilities of radiation therapists. These expectations are implicit in CCMB didactic and clinical courses, but may be emphasized explicitly in addition to The University of Winnipeg's academic regulations concerning attendance *(see section VII Regulations & Policies, 3a Attendance*).
Students are encouraged to volunteer and participate in extra-curricular activities at the School of RT and at CCMB. However, students must ensure that no conflict occurs between the additional activities and their coursework. Students are not to absent from CCMB or UW classes for extra-curricular activities or request changes in clinical schedules to accommodate such activities.

X. **Professional Development**
The School of RT prides itself on preparing well-rounded professional radiation therapists who are committed to life-long learning and professional development. In keeping with this goal CCMB offers professional development opportunities for all staff and

students designed to supplement their regular work. This non-credit programming is voluntary but students are strongly encouraged to participate in order to enhance their understanding of the clinical context and to develop additional skills beyond those acquired through academic and clinical courses. Participation in this programming is considered a professional responsibility and in keeping with the expectations that will be held for them in their role as radiation therapists.

Professional Development Programming includes of a series of Radiation Oncology Rounds offered throughout the fall and winter terms. They are typically offered no more than once a week for an hour during the free slot (lunch) and the topics are posted in advance. The series concludes each term well before the start of the exam period. Many students maintain a record in their portfolio as an indication of their commitment to professional development and the practice of life-long learning.

The topics covered in the professional development sessions are varied. They are designed to provide information and ideas that are supplementary to students' coursework but which relate to the role of the radiation oncology program in providing health care. Many of the sessions are delivered by representatives of organizations whose activities are related to and supportive of the clinical processes at CCMB.

XI. Removal from the School of RT

a) Students may be removed from The University of Winnipeg, School of RT programs for one or more of the following reasons:
1. Failure to meet or maintain academic grade-point requirements as established by The University of Winnipeg and the School of Radiation Therapy. In the case of Academic Probation or Not Allowed to Continue Status, withdrawal is automatic and will take place without a review or further procedure.
2. As a result of a ruling by the Department Review Committee (see School of RT Program Rules and Regulations in the General Calendar for more information).
3. As a result of behaviour judged to be in violation of the Standards of Professional Conduct for RT Students (see Section VIII of Radiation Therapy Rules and Regulations for more information).
4. Failure to sign a Performance Contract.
5. Non-compliance with the conditions of a Performance Contract.
6. Ineligibility for a clinical placement.
7. As the result of a change in the status of a Criminal Record or Child Abuse Registry entry.
- Students who appear on the Child Abuse Registry will be immediately withdrawn from the School of Radiation Therapy and any ongoing CCMB courses.
- Students reporting a change in the status of their criminal record will have their case evaluated by the the School of Radiation Therapy in consultation with CCMB Human Resources Department and legal counsel. They will be informed of CCMB's decision in writing. Students who are not allowed to continue in the School of RT will be immediately withdrawn from the program and any ongoing CCMB courses.
8. As a result of academic or non-academic misconduct.

b) In the case of gross/professional misconduct, students will be removed from clinical and immediately suspended from their courses in Radiation Therapy until the case is reviewed by the Dean of Science and a final decision is made.

c) Removal from the School of RT means the student will be withdrawn from all CCMB courses, removed from clinical, and removed from any School of RT sponsored or affiliated activities.

SCHOOL OF RADIATION THERAPY COURSE LISTINGS

CCMB-2510(3)	Radiation Biology
CCMB-2520(3)	Physics of Radiation Therapy
CCMB-2530(3)	Industrial, Therapy, and Imaging Apparatus
CCMB-2540(3)	Radiation Protection and Health Physics
CCMB-2901(3)	Professional Practice and Patient Care in RT I
CCMB-2902(3)	Clinical Radiation Oncology I
CCMB-2903(3)	Treatment Planning & Dosimetry I
CCMB-2904(3)	Clinical Education I
CCMB-2911(3)	Professional Practice and Patient Care in RT II
CCMB-2912(3)	Clinical Radiation Oncology II
CCMB-2913(3)	Treatment Planning & Dosimetry II
CCMB-3901(3)	Directed Studies I
CCMB-3903(3)	Directed Studies II
CCMB-3914(9)	Clinical Education II
CCMB-3924(6)	Clinical Education III
CCMB-3934(6)	Clinical Education IV
CCMB-3944(6)	Clinical Education V
CCMB-4902(3)	Independent Studies

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called "All course descriptions" in the "Academic Calendar" section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

NOTE: Some Radiation Therapy courses are under review for sequencing and requisites and subject to change. Please check the Academic Calendar section of the University website for the most up-to-date information.

RELIGION & CULTURE (REL)

Updated March 9, 2018

Chair: Associate Professor: C. Colorado; Professors: J. Barter, P.L. Day, M.F. Ruml, A. Walker-Jones; Associate Professors: J. Newmark; Assistant Professors: S.Balkwill, W.R. Dickson, L. Szekely.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Pre-Master's Program
Joint Masters Program (For information, please see the *Graduate Studies Academic Calendar*.)
Minor

INTRODUCTION

The study of religion aims to understand religious thought and practices as aspects of the culture and society that produced them. It offers an opportunity to explore beliefs and ideas, philosophies and mythologies, rituals and symbols, etc., that shape the cultures and civilizations of the world both in historical perspective and as contemporary phenomena. In the process of this exploration, the Religion & Culture program sensitizes students to the variety of traditions, commitments, and cultures which exist in our world, both globally and locally. It also provides an environment for students to thoughtfully reflect upon their own religious traditions and experiences as well as to think about issues and problems of modern life from a variety of perspectives.

The introductory courses are open to all students. They provide an opportunity to survey the diversity of religion in either the contemporary Canadian or the global context, or to explore the biblical roots of Judeo-Christian tradition. General interest courses are also offered at the 2000 level, and are open to all students without prerequisite. These courses do not presuppose previous knowledge or background and enable students to focus either on particular religious traditions (Indigenous, Buddhist, Biblical, etc.) or on contemporary issues in religion (sexuality, technology, new religions, popular culture, etc.). Departmental faculty members have particular interests and strengths in the areas of religion and modern culture, mythology, Chinese and Japanese religions, Buddhist traditions, Indigenous traditions, Hebrew Bible/Old Testament, Islam and the Qur'an, and gender studies. The Major program, leading to either a 3-Year BA, 4-Year BA, or a BA Honours degree, is designed to provide an opportunity to explore a variety of religious traditions and topics as well as to concentrate on areas of particular interest. The Department also participates in a Joint Masters Program in Religion with the University of Manitoba.

Graduates who are interested in fields where human interaction and/or multiculturalism are significant factors, such as education, mediation services, social work, international business and international development, employee relations, immigration services and certain areas of law and the justice system, benefit greatly from courses in Religion & Culture.

REQUIREMENTS FOR A 3-YEAR BA IN RELIGION & CULTURE

ADMISSION REQUIREMENT
Students are advised to consult with the faculty advisor in planning their curriculum at the beginning of each registration session.

GRADUATION REQUIREMENT
90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing, to be completed in the first year.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in Religion & Culture and specified number of credit hours in the other department/program.
Distribution:	Minimum of 3 credit hours at the 2000 level in each of three (3) of the four (4) Areas of Study: "Historical Judaism, Christianity, and Islam", "Religion and Modern Western Culture", "Asian Religions and Culture", and "Indigenous Religious Traditions".

Required courses:
One of
REL-1002(3) Exploring Religion: the World's Religions
REL-1003(6) Exploring Religion: the Bible
Note: **REL-1005(3)** and **REL-1006(3)** at Canadian Mennonite University do not fulfil this requirement.

Maximum of 12 credit hours at the 1000-level.
Minimum 6 credit hours at the 3000 level in Religion & Culture.

Combined Major: Minimum 48 credit hours from 2 different majors with no fewer than 18 credit hours from each major subject.

Prescribed courses:
One of
REL-1001(6) Religion and Identity in Contemporary Canada
REL-1002(3) Exploring Religion: the World's Religions
REL-1003(6) Exploring Religion: the Bible
Minimum of 3 credit hours at the 2000 level from three (3) of the four (4) Areas of Study:
Historical Judaism, Christianity, and Islam
Religion and Modern Western Culture
Asian Religions and Cultures
Indigenous Religious Traditions
Minimum of 3 credit hours at the 3000 level or above.

REQUIREMENTS FOR A 4-YEAR BA IN RELIGION & CULTURE

ADMISSION REQUIREMENT Students must consult with the department advisor in planning their studies. Students must have completed at least 30 credit hours previously.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Social Science: 12 credit hours in Social Science
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 48 credit hours/Maximum 66 credit hours.
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.
Distribution: Minimum of 6 credit hours at the 2000 or 3000 level in each of three (3) of the four (4) Areas of Study: "Historical Judaism, Christianity, and Islam", Religion and Modern Western Culture", Asian Religions and Culture", and "Indigenous Religious Traditions".

Required courses:
One of
REL-1002(3) Exploring Religion: the World's Religions
REL-1003(6) Exploring Religion: the Bible
Note: REL-1005(3) and **1006(3)** at Canadian Mennonite University do not fulfil this requirement.
Maximum of 12 credit hours at the 1000 level.
Minimum 18 credit hours at the 3000 level or above in Religion & Culture.

Combined Major: Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Prescribed courses:
One of
REL-1002(3) Exploring Religion: the World's Religions
REL-1003(6) Exploring Religion: the Bible
Minimum of 3 credit hours at the 2000 level from three (3) of the four (4) Areas of Study:
Historical Judaism, Christianity, and Islam
Religion and Modern Western Culture
Asian Religions and Cultures
Indigenous Religious Traditions
Minimum of 3 credit hours at the 3000 level or above and an additional 6 credit hours at the 3000 level or above is recommended.

Individuals' programs will be structured to meet student needs and interests.
Students planning to major in Religion & Culture must consult with the Department Chair after completing 30 credit hours.

REQUIREMENTS FOR AN HONOURS BA IN RELIGION & CULTURE

ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.
Entry, continuing, and graduation minimum GPA is 3.0 (B) in Religion & Culture courses and 2.5 (C+) in other courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Religion & Culture courses. The minimum 2.5 GPA (C+) in all other courses will be calculated as for the general degree (i.e. F's are not included, and in the case of repeated courses, only the highest grade will be used).
Students in the Honours program must have approval of the Department Chair, or designate.

GRADUATION REQUIREMENT

120 credit hours

RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours
Honours: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000 or 5000 level.

GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours: Minimum 54 credit hours/Maximum 78 credit hours in Religion & Culture.
Required courses:
One of
REL-1002(3) Exploring Religion: the World's Religions
REL-1003(6) Exploring Religion: the Bible
Note: REL-1005(3) and **1006(3)** at Canadian Mennonite University do not fulfil this requirement.
Maximum of 12 credit hours at the 1000 level.

Distribution Requirement: Minimum of 6 credit hours at the 2000, 3000, 4000 level from three (3) of the four (4) Areas of Study: "Historical Judaism, Christianity and Islam", "Religion and Modern Western Culture", "Asian Religions and Culture", "Indigenous Religious Traditions".

Advanced Level Course Requirement: Minimum 36 credit hours in advanced level (3000, 4000, and 5000) courses, of which a minimum 24 credit hours are at the 4000 or 5000 level.
Note: All 3000 level courses are also offered at a 4000 level. Students may not receive credit for the same course at both a 3000 and a 4000 level except REL-3990(6)/4990(6), REL-3991(3)/4991(3), and REL-3999(6)/4999(6).

Language Requirement: Minimum 6 credit hours in a second language, or equivalent.
Languages for credit: Students may receive Religion & Culture Honours credit (a maximum of 12 credit hours) in approved languages for the study of religion. Languages currently approved are: biblical Hebrew, classical Greek, Latin, Arabic, Sanskrit, classical Chinese, Cree, Ojibway, Dakota. Students who wish to receive Religion & Culture credit in other languages should consult the Department Chair.

Double Honours: Minimum 36 credit hours in each Honours subject as specified in each department/program.
Required courses:
One of
REL-1002(3) Exploring Religion: the World's Religions
REL-1003(6) Exploring Religion: the Bible
Note: REL-1005(3) and **1006(3)** at Canadian Mennonite University do not fulfil this requirement.
Maximum of 12 credit hours at the 1000 level.

Distribution Requirement: Minimum of 6 credit hours at the 2000, 3000, 4000 level from each of the four (4) Areas of Study.

Advanced Level Courses Requirement: Minimum 18 credit hours in advanced level (3000, 4000, and 5000) courses in Religion & Culture of which a minimum 15 credit hours are at the 4000 level.
Note: All 3000 level courses are also offered at a 4000 level. Students may not receive credit for the same course at both a 3000 and a 4000 level except REL-3990(6)/4990(6), REL-3991(3)/4991(3), and REL-3999(6)/4999(6).

Language Requirement:	Minimum 6 credit hours in a second language, or equivalent.
Languages for credit:	Students may receive Religion & Culture Honours credit (a maximum of 12 credit hours) in approved languages for the study of religion. Languages currently approved are: biblical Hebrew, classical Greek, Latin, Arabic, Sanskrit, classical Chinese, Cree, Ojibway, Dakota. Students who wish to receive Religion & Culture credit in other languages should consult the Department Chair..

For the required courses in the second Honours subject, consult the department involved.

REQUIREMENTS FOR THE PRE-MASTER'S PROGRAM

Students wishing to prepare for entry into a program of graduate studies in Religion & Culture may do so by completing a BA Honours Program, a 4-Year BA degree program, or by taking courses equivalent to a pre-master's year from the University of Manitoba and the University of Winnipeg Religion & Culture Departments.

Students wishing to pursue this option are advised to consult with the Department Graduate Chair, Dr. Albert Welter.

REQUIREMENTS FOR A MINOR IN RELIGION & CULTURE

Degree:	Students completing any undergraduate degree program are eligible to complete Minor
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement:	Minimum 12 credit hours in the Minor subject
Required courses:	Minimum 3 credit hours at 3000 or 4000 level
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Prerequisites

Most courses below the 3000 level have no course prerequisites. They are open to all students.

One 1000-level 6 credit hour course is required for entry to the Major program.

Note: REL-1005(3) and **REL-1006(3)** offered at Canadian Mennonite University do not fulfil this requirement.

Humanities Requirement

All Religion & Culture courses **except** REL-2001(6) and REL-2007(6) may be used to fulfill the Humanities Requirement.

Language Courses

6 credit hours (3-year BA) or 12 credit hours (4-year BA or Honours BA) in approved language study (biblical Hebrew, classical Greek, Latin, Arabic, Sanskrit, classical Chinese, Cree, Ojibway, Dakota, and Japanese) may be counted toward a Major in Religion & Culture. Hebrew is taught on a rotating basis by the Department of Religion & Culture (University of Winnipeg), Faculty of Theology (University of Winnipeg), Canadian Mennonite University, Department of Religion (University of Manitoba), and William and Catherine Booth College. Greek is taught in the Faculty of Theology (University of Winnipeg) Classics Department (University of Winnipeg), and Canadian Mennonite University. Classical Chinese is offered through the Religion & Culture Department on the basis of student interest. Sanskrit is available at the University of Manitoba, depending on student interest. Cree and Ojibway are available at the University of Winnipeg and the University of Manitoba. Dakota is available at Brandon University.

Graduate Studies

The Department offers a joint MA degree with the Department of Religion at the University of Manitoba. See Graduate Studies for details. Interested undergraduate Religion & Culture majors should consult with the Department JMP Chair, Dr. Rory Dickson, so that their undergraduate program can be structured to meet the joint MA admission requirements.

Courses in Other Departments

Students may include a maximum of 6 credit hours from the following toward the Major, providing the Major Distribution Requirement is met.

Anthropology	**ANTH-2108(3)**	Myth, Magic and Shamanism.
Classics	**CLAS-2700(3)**	Topics in Ancient Religion: Early Christianity **,**
	CLAS-2701(6)	Introduction to Classical Mythology,
	CLAS-2702(3)	Religion in Greece and Rome,
	CLAS-2703(3)	Magic and Divination in the Greek and Roman Worlds
	CLAS-2010(3)	Religious Architecture in the Greco-Roman World
English	**ENGL-3905(3)* or (6)***	Topics in Biblical Texts and Cultural Studies
History	**HIST-3612(3)***	Religion in American History,
	HIST-3831(3)*	Islamic Art & Architecture
Mennonite Studies	**MENN-2009(3)**	Mennonites in Global Context;
	MENN-2322(3)	Origins and Character of Anabaptism;
	MENN-3452(3)*	Anabaptism and Evangelicalism
Philosophy	**PHIL-2232(3)** (or the former PHIL-2231(6))	Philosophy of Religion

* *Does not fulfil the major requirements of a course at the 3000 level or above.*

COURSE LISTINGS

INTRODUCTORY COURSES

Majors are required to take one 6 credit hour introductory course. Maximum of 2 introductory courses may be taken for credit.

REL-1002(3) Exploring Religion: the World's Religions
REL-1003(6) Exploring Religion: the Bible

AREAS OF STUDY

Note: Courses are offered on rotation.
Note: 2000-level courses are open to all students, without prerequisite.
Note: Except where otherwise indicated the 3000-level courses are open to students who have completed successfully at least 6 credit hours in Religion & Culture, or who have received the consent of the instructor.
Note: All 3000-level courses are also offered at a 4000 level. Students may not receive credit for the same course at both a 3000 and a 4000 level except REL-3990(6)/4990(6), REL-3991(3)/4991(3), and REL-3999(6)/4999(6). Students registering at the 4000 level must have departmental permission.

Historical Judaism, Christianity, and Islam

REL-2001(6) Elementary Biblical Hebrew
REL-2010(6) Introduction to Modern Standard Arabic
REL-2125(3) Modern Biblical Interpretation
REL-2127(3) Major Biblical Themes
REL-2131(3) Apocalyptic Literature
REL-2211(3) Studies in the Synoptic Gospels
REL-2305(3) Early and Medieval Christianity
REL-2306(3) Christianity in the Modern Era
REL-2363(3) Mennonite Studies I
REL-2364(3) Mennonite Studies II
REL-2710(3) Classical Islam
REL-3120(3)/ 4120(3) The Prophets in Israel's Culture
REL-3125(3)/ 4125(3) Biblical Myths, Legends and Folktales
REL-3157(3)/ 4157(3) Women in Ancient Israel
REL-3701(3)/ 4701(3) Issues in the Interpretation of the Qur'an
REL-3900(3)/ 4900(3) Topics in Historical Judaism, Christianity, and Islam
REL-3990(6)/ 4990(6) Readings in Religion
REL-3991(3)/ 4991(3) Readings in Religion
REL-3999(6)/ 4999(6) Languages for Religious Studies

Religion and Modern Western Culture

REL-2304(3) Atheism, Skepticism and Religion
REL-2401(3) Religion and Popular Culture
REL-2402(3) Fundamentalisms in Global Perspective
REL-2405(3) Religion and Culture: The Multifaith Society
REL-2407(3) Contemporary Religion from a Social Scientific Perspective
REL-2507(3) Sexuality in the Religious Context
REL-2511(3) Religion and Society: The Critique of Development
REL-2513(3) Health, Healing and Spirituality in Cross- Cultural Perspective
REL-2515(3) Ecology and Religion
REL-2601(3) Contemporary Jewish Life
REL-2607(3) New Religions in North America
REL-2711(3) Contemporary Islam
REL-2713(3) Muslims in Canada
REL-3504(3)/ 4504(3) The Problem of Evil
REL-3512(3)/ 4512(3) Religious Quest in the Modern Age
REL-3514(3)/ 4514(3) Religious Critiques of Modernity
REL-3601(3)/ 4601(3) Stories Lives: Contemporary Spiritual Biographies and the Construction of Identity
REL-3940(3)/ 4940(3) Topics in Religion and Modern Western Culture
REL-3990(6)/ 4990(6) Readings in Religion
REL-3991(3)/ 4991(3) Readings in Religion
REL-3999(6) 4999(6) Languages for Religious Studies

Asian Religions and Cultures

REL-2703(3) Religions of India
REL-2704(3) Buddhist Traditions in India and Southeast Asia
REL -2707(3) Chinese Religions
REL-2708(3) Religion in Japanese Life
REL-2709(3) Women in Asian Religions
REL-2721(3) Traditional Japanese Culture
REL-2718(3) Buddhist Traditions in East Asia
REL-2731(3) Chinese Culture & Beliefs
REL-2735(3) Buddhism Through Art
REL-2774(3) Chinese Intellectual History
REL-2775(3) Intellectual Encounters: China and the West
REL-2901(3) Art in Non-Christian Religions
REL-2942(3) The Philosophy of Yoga
REL-3007(6) Introduction to Classical Chinese
REL-3708(3)/ 4708(3) Topics in Buddhist Culture and Society
REL-3721(3)/ 4721(3) The Age of the Samurai
REL-3970(3)/ 4970(3) Topics in Asian Religions and Cultures
REL-3990(6)/ 4990(6) Readings in Religion
REL-3991(3)/ 4991(3) Readings in Religion
REL-3999(6)/ 4999(6) Languages for Religious Studies

Indigenous Religious Traditions

REL-2715(3) African Religions
REL-2801(3) Introduction to Indigenous Spirituality
REL-2802(3) Indigenous and Christian Encounter
REL-2803(3) Indigenous Sacred Narratives
REL/IDS-2804(3) Global Perspectives on Indigenous Societies, Spiritualities and the Environment
REL-3802(3)/ 4802(3) Indigenous Healers
REL-3803(3)/ 4803(3) Indigenous Women's Teachings
REL-3804(3)/ 4804(3) Indigenous Spirituality: Research Methods
REL-3980(3)/ 4980(3) Topics in Indigenous Religious Traditions
REL-3990(6)/ 4990(6) Readings in Religion
REL-3991(3)/ 4991(3) Readings in Religion
REL-3999(6)/ 4999(6) Languages for Religious Studies

Pre-Master's Courses

Open to all students accepted in a graduate program, students with a Bachelor's degree, and advanced undergraduates with a 3.0 GPA in Religion & Culture. Permission of Chair or Graduate Chair must be received to enroll.

REL-5001(3)	Method and Theory in the Study of Religion I: Social Scientific Approaches
REL-5002(3)	Method and Theory in the Study of Religion II: Textual Interpretation
REL-5990(6)	Advanced Individual Study in Religion
REL-5991(3)	Advanced Individual Study in Religion

**Does not fulfil the major requirements of a course at the 3000 level or above*

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

RHETORIC, WRITING, AND COMMUNICATIONS (RHET)

Updated March 5, 2018

Chair: Professor J. McLeod Rogers; Professors: C. Taylor; Associate Professors: R. Byrnes, J. Clary-Lemon, J. Hannan, T. Whalen; Assistant Professors: A. McGillivray, M. Flisfeder; Instructors: K. Collins, J. Freeman, H. Lepp Friesen, S. Page; Adjunct Professor: Cecil Rosner

DEGREES/PROGRAMS OFFERED

3-YEAR BA in RHETORIC AND COMMUNICATIONS
4-YEAR BA in RHETORIC AND COMMUNICATIONS
MINOR
CERTIFICATE IN WRITING
JOINT COMMUNICATIONS DEGREE/DIPLOMA (UW/RRC)

INTRODUCTION

The Department of Rhetoric, Writing, and Communications teaches both practical communicative skills and critical thinking about communicative texts and contexts. To prepare first-year students for success in university, our introductory courses provide instruction in academic writing. (Please see Course Listings for information about how these courses are numbered and organized in order to represent the disciplinary conventions associated with different fields of learning). To prepare more advanced students for careers in communications and for participatory citizenship, our upper-level courses combine practical instruction in writing and public speaking with attention to the history, theory, and analysis of rhetoric and communication. The Department also houses the Tutoring Centre and Computer Writing Lab, both offering a range of resources for students to develop their writing abilities and prepare assignments.

In addition to writing courses at the introductory level, the Department offers a 3-Year or 4-Year BA with a Major in Rhetoric and Communications. This program emphasizes the interpretation, evaluation, production, and precise editing of messages for a range of audiences, media, and purposes. Students in the Major practise writing in a variety of genres and read contemporary non-fiction, analyze visual and verbal arguments, trace the impact of print and electronic media on western culture, and—through the study of theory and close attention to textual practices—examine how ideology is embodied in discourse. Students with a BA in Rhetoric and Communications can enter graduate studies in such fields as Communications, Composition, Media Studies, and Rhetoric. They are also well prepared for public- and private-sector careers that depend on advanced analytical and communicative skills, especially in writing. We also offer a Minor.

Also available is a 4-Year Degree/Diploma in Communications, offered jointly by the University of Winnipeg and Red River College. The Degree/Diploma balances a well-rounded liberal arts education with applied and workplace training to prepare students for careers in Journalism, Public Relations, Advertising, or Broadcast Production. The Department offers a Certificate in Writing designed for students who wish to focus on honing their writing knowledge and practices. Since the courses required for the Certificate in Writing are also part of the Rhetoric and Communications degree program, they can be used toward a 3-year or 4-year BA, if students choose to continue their studies.

Requirements for the 3-Year and 4-Year BA, for the Minor, and for the Joint Program in Communications are described below.

Students interested in either the Rhetoric and Communications Major or the Joint Degree/Diploma Program should contact the Department (204-258-3865) for basic information. Students are also encouraged to seek advice from faculty members about appropriate courses. A number of courses at the 2000-level or above may be taken for credit toward a Major in English, or counted toward any degree as electives.

REQUIREMENTS FOR A 3-YEAR BA IN RHETORIC AND COMMUNICATIONS

ADMISSION REQUIREMENT
Students are encouraged to consult with a member of the Department of Rhetoric, Writing, and Communications in planning their course of study.

GRADUATION REQUIREMENT
90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses

Maximum Introductory Courses:
Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 30 credit hours / Maximum 48 credit hours in the Major subject.
Double Major:	30 credit hours in Rhetoric and Communications and specified number of credit hours in the other department/program.
Required Courses and Course Distribution for Single and Double Majors:	
Year 1:	6 credit hours from the First-Year Group.
Years 2 and 3:	Minimum 24/Maximum 42 credit hours. Three foundational 3 credit-hour courses (RHET-2131(3), RHET-2135(3), RHET-2137(3), for a total of 9 credit hours), and the remaining credits from the three course groups, including at least one course form each group (see below).
Combined Major:	Minimum 48 credit hours from two different Majors with not less than 18 credit hours from each major subject.
Required Courses for a Combined Major:	RHET-2131(3), RHET-2135(3), RHET-2137(3) RHET-3329(3) if other Major Area is in the Humanities or Social Sciences **OR** another course relevant to the rhetoric of Science

Course Groups

First-Year Courses

Students taking the Rhetoric and Communications Major are required to take 3 credit hours of Academic Writing and 3 credit hours in English at the first-year level.

Academic Writing (3 credit hours)

Three credit hours of Academic Writing at the first-year level are required. Please note that there are no exemptions from this requirement for students majoring in Rhetoric and Communications. If a student takes RHET-1110(6) Academic Writing: Extended or RHET-1115(6) Academic Writing: Extended (English as an Additional Language), only 3 credit hours will be counted towards the Major (although all 6 credit hours will count towards the degree). Students can choose one of the following Academic Writing designations:

RHET-1101(3)	Academic Writing: Humanities
RHET-1102(3)	Academic Writing: Social Sciences
RHET-1103(3)	Academic Writing: Sciences
RHET-1104(3)	Academic Writing: Business and Administration
RHET-1105(3)	Academic Writing: Multidisciplinary
RHET-1106(3)	Academic Writing: Links with the Disciplines
RHET-1110(6)	Academic Writing: Extended
RHET-1115(6)	Academic Writing: Extended (English as an Additional Language)

English (3 credit hours)

Students must also select 3 credit hours from the English courses listed here. If a student takes ENGL-1001(6), only 3 credit hours will be counted towards the Major (although all 6 credit hours will be counted towards the degree).

ENGL-1000(3)	English 1A
ENGL-1003(3)	Introduction to English: Topics in Literature
ENGL-1004(3)	Introduction to English: Reading Culture
ENGL-1005(3)	Introduction to English: Reading to Write Creatively
ENGL-1001(6)	English 1

Upper Level Courses

The 3-year BA Degree requires all students taking a Major in Rhetoric and Communications to complete a minimum of 24/ maximum of 42 credit hours in upper level courses in the Major. Nine (9) of these credit hours must be met by taking the following foundation courses:

Required Foundation Courses (9 credit hours)

RHET-2131(3)	Professional Style & Editing
RHET-2135(3)	Rhetorical Criticism
RHET-2137(3)	Contemporary Communication Theories

Students must select the remaining 15 to 33 credit hours from 2000 and 3000 level courses below. Students must take at least 3 credit hours from each of the following three groups. Please note that most of these courses will be offered at least once every other year.

Group One: Textual Process and Production **(minimum 3 credit hours required)**

RHET-2145(3)	Theories and Practices of Oral Communication
RHET-2350(3)	Writing in Digital Spaces
RHET-2500(3)	Tutoring Writing
RHET-3131(3)	Advanced Editing
RHET-3255(3)	Narrative Thinking and Writing
RHET-3321(3)	Composing our Winnipeg: Rhetoric of/and the City
RHET-3329(3)	Writing for Scholarly Audiences
RHET-3330(3)	Investigative Journalism

RHET-3331(3) Writing Internship
RHET-3340(3) Technical and Professional Communication

Group Two: Criticism and Analysis **(minimum 3 credit hours required)**
RHET-2141(3) Representations of Indigeneity
RHET-2143(3) Rhetoric of Medicine
RHET-3139(3) Rhetorics of Visual Representation
RHET-3150(3) Studies in the Rhetoric of Nonfiction
RHET-3151(3) Critical Studies of Discourse
RHET-3152(3) Digital Rhetorics
RHET-3153(3) Studies in the Rhetorics of Gender
RHET-3154(3) The New Journalism
RHET-3155(3) Writing on the Environment
RHET-3420(3) Rhetorics of Identity

Group Three: History and Theory **(minimum 3 credit hours required)**
RHET-2134(3) The Rhetorical Tradition
RHET-2142(3) Rhetoric of Animality
RHET-2246(3) Revolutions in Communications
RHET-3138(3) Modern Rhetorical Theory
RHET-3145(3) The Fifth Canon: History and Theories of Delivery
RHET-3236(3) Orality and Literacy
RHET-3250(3) Composition Studies
RHET-3320(3) Forms of Inquiry in Written Communication
RHET-3401(3) Rhetoric in the Public Sphere

Notes:
[1]The Group Requirement met by RHET-3132(3) and RHET-3133(6) Directed Readings in Rhetoric and Composition and RHET-3900(3) Topics in Rhetoric, Writing, and Communications will vary, depending on the course content of a particular offering. Please contact the Chair of the Department or the Major advisor.
[2]RHET-2530(3) Rhetorical Grammar counts toward the Major but does not meet Group Requirements.

Additional Courses

Students can also select from the following courses. RHET-2530(3) counts toward the Major but does not meet Group Requirements. RHET-3132(3), RHET-3133(6), and RHET-3900(3) may or may not meet Group Requirements depending on course content. Please contact the Chair of the Department or Major advisor.
RHET-2530(3) Rhetorical Grammar
RHET-3132(3) Directed Readings in Rhetoric and Composition
RHET-3133(6) Directed Readings in Rhetoric and Composition
RHET-3900(3) Topics in Rhetoric, Writing, and Communications

REQUIREMENTS FOR A 4-YEAR BA IN RHETORIC AND COMMUNICATIONS

ADMISSION REQUIREMENT	Students are encouraged to consult with a member of the Department of Rhetoric, Writing, and Communications in planning their course of study.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Sciences:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum five different subjects
MAJOR REQUIREMENT	
Single Major	Minimum 48 credit hours / Maximum 66 credit hours in the Major subject.
Double Major	Minimum 48 credit hours in each Major subject as specified by the Department/Program.

Required Courses:	
Year 1	6 credit hours from the First-Year Group.
Years 2, 3 and 4	Minimum 42/maximum 60 credit hours. Four foundational 3 credit-hour courses (for a total of 12 credit hours), and the remaining credits from the three course groups, including at least one course from each group (see below).
Combined Major:	Minimum 60 credit hours from two different Majors with not less than 24 credit hours from each major subject.
Required Courses:	RHET-2131(3), RHET-2135(3), RHET-2137(3) RHET-3329(3) if other Major Area is in the Humanities or Social Sciences **OR** another course relevant to the rhetoric of Science

Course Groups
First-Year Courses

Students taking the Rhetoric and Communications Major are required to take 3 credit hours of Academic Writing and 3 credit hours in English at the first-year level.

Academic Writing (3 credit hours)

Three credit hours of Academic Writing at the first-year level are required. Please note that there are no exemptions from this requirement for students majoring in Rhetoric and Communications. If a student takes RHET-1110(6) Academic Writing: Extended or RHET-1115(6) Academic Writing: Extended (EAL), only 3 credit hours will be counted towards the Major (although all 6 credit hours will count towards the degree). Students can choose one of the following Academic Writing designations:

RHET-1101(3) Academic Writing: Humanities
RHET-1102(3) Academic Writing: Social Sciences
RHET-1103(3) Academic Writing: Sciences
RHET-1104(3) Academic Writing: Business and Administration
RHET-1105(3) Academic Writing: Multidisciplinary
RHET-1106(3) Academic Writing: Links with the Disciplines
RHET-1110(6) Academic Writing: Extended
RHET-1115(6) Academic Writing: Extended (EAL)

English (3 credit hours)

Students must also select 3 credit hours from the English courses listed here. If a student takes ENGL-1001(6), only 3 credit hours will be counted towards the Major (although all 6 credit hours will be counted towards the degree).

ENGL-1000(3) English 1A
ENGL-1003(3) Introduction to English: Topics in Literature
ENGL-1004(3) Introduction to English: Reading Culture
ENGL-1005(3) Introduction to English: Reading to Write Creatively
ENGL-1001(6) English 1

Upper Level Courses

The 4-year BA Degree requires all students taking a Major in Rhetoric and Communications to complete a minimum of 42/ maximum of 60 credit hours in upper level courses in the Major. Students must take the following foundation courses totalling 12 credit hours of the upper level requirement:

Required Foundation Courses (12 credit hours)

RHET-2131(3) Professional Style & Editing
RHET-2135(3) Rhetorical Criticism
RHET-2137(3) Contemporary Communication Theories
RHET-3320(3) Forms of Inquiry in Written Communication

Students must select the remaining 30-48 credit hours from the following three groups and must take 3 credit hours from each group. Please note that most of these courses will be offered at least once every other year.

Group One: Textual Process and Production **(minimum 3 credit hours required)**

RHET-2145(3) Theories and Practices of Oral Communication
RHET-2350(3) Writing in Digital Spaces
RHET-2500(3) Tutoring Writing
RHET-3131(3) Advanced Editing
RHET-3255(3) Narrative Thinking and Writing
RHET-3321(3) Composing our Winnipeg: Rhetoric of/and the City
RHET-3329(3) Writing for Scholarly Audiences
RHET-3330(3) Investigative Journalism
RHET-3331(3) Writing Internship
RHET-3340(3) Technical and Professional Communication

Group Two: Criticism and Analysis **(minimum 3 credit hours required)**

RHET-2141(3) Representations of Indigeneity
RHET-2143(3) Rhetoric of Medicine
RHET-3139(3) Rhetorics of Visual Representation
RHET-3150(3) Studies in the Rhetoric of Nonfiction
RHET-3151(3) Critical Studies of Discourse
RHET-3152(3) Digital Rhetorics
RHET-3153(3) Studies in the Rhetorics of Gender
RHET-3154(3) The New Journalism

RHET-3155(3) Writing on the Environment
RHET-3420(3) Rhetorics of Identity

***Group Three: History and Theory* (minimum 3 credit hours required)**
RHET-2134(3) The Rhetorical Tradition
RHET-2142(3) Rhetoric of Animality
RHET-2246(3) Revolutions in Communications
RHET-3138(3) Modern Rhetorical Theory
RHET-3145(3) The Fifth Canon: History and Theories of Delivery
RHET-3236(3) Orality and Literacy
RHET-3250(3) Composition Studies
RHET-3401(3) Rhetoric in the Public Sphere

Notes:
[1]The Group Requirement met by RHET-3132(3) and RHET-3133(6) Directed Readings in Rhetoric and Composition and RHET-3900(3) Topics in Rhetoric, Writing, and Communications will vary, depending on the course content of a particular offering. Please contact the Chair of the Department or the Major advisor.
[2]RHET-2530(3) Rhetorical Grammar counts toward the Major but does not meet Group Requirements.

Additional Courses
Students can also select from the following courses. RHET-2530(3) counts toward the Major but does not meet Group Requirements. RHET-3132(3), RHET-3133(6), and RHET-3900(3) may or may not meet Group Requirements depending on course content. Please contact the Chair of the Department or Major advisor.
RHET-2530(3) Rhetorical Grammar
RHET-3132(3) Directed Readings in Rhetoric and Composition
RHET-3133(6) Directed Readings in Rhetoric and Composition
RHET-3900(3) Topics in Rhetoric, Writing, and Communications

REQUIREMENTS FOR A MINOR IN RHETORIC, WRITING, AND COMMUNICATION

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.
Minor: 18 credit hours in RHET, with a minimum of 12 credit hours above the 1000-level
Residence Requirement: Minimum 12 credit hours in Rhetoric
Required Courses: 1000-level: minimum of 3 credit hours, maximum of 6 credit hours
2000-level: minimum of 6 credit hours, maximum of 12 credit hours
3000-level: minimum of 3 credit hours, maximum of 9 credit hours

REQUIREMENTS FOR A CERTIFICATE IN WRITING

The Certificate in Writing is a 30-credit-hour program that consists of current course offerings in the Department of Rhetoric, Writing, and Communications, and allows students the flexibility to create a program of study that focuses on elements of written communication, primarily in terms of genre, audience, and textual processes. Students must apply to graduate with a Certificate. Application forms are available in the Department office.

Students completing any degree program are eligible to complete the Certificate. All courses in the Certificate program are also part of the Rhetoric and Communications degree program, and they can be used toward a 3-year or 4-year BA in Rhetoric and Communications. The Certificate in Writing is available as a stand-alone credential for non-degree seeking students or returning graduates (note that some courses, particularly those electives in English and Theatre and Film, come with prerequisites that do not count toward the Certificate).

Admission Requirement: Students must fill out a Certificate Declaration Form with the Department of Rhetoric, Writing, and Communications, and are encouraged to consult with a member of the Department in planning their course of study.
Graduation Requirement: 30 credit hours
Residence Requirement: 30 credit hours

Certificate Requirement:
Students are required to take 30 credit hours from the following courses:
RHET 11xx (3) Any section of Academic Writing or exemption from the writing requirement (prerequisite for upper-division RHET courses)
RHET-2131 (3) Professional Style and Editing (prerequisite for Advanced Editing)
RHET-2350 (3) Rhetorical Grammar
RHET-2500 (3) Tutoring Writing
RHET-2530 (3) Writing in Digital Spaces
RHET-3131 (3) Advanced Editing
RHET-3150 (3) Studies in the Rhetoric of Nonfiction
RHET-3154 (3) The New Journalism
RHET-3155 (3) Writing on the Environment
RHET-3250 (3) Composition Studies

RHET-3255 (3) Narrative Thinking and Writing
RHET-3321 (3) Composing Our Winnipeg
RHET-3329 (3) Writing for Scholarly Audiences
RHET-3330 (3) Investigative Journalism
RHET-3340 (3) Technical and Professional Communication
RHET-3331 (3) Writing Internship

For students looking for guidance in creating their program, the Department strongly recommends that students elect to take courses in each of the following areas:

Area 1: Audience
RHET-2131 (3) Professional Style and Editing
RHET-3329 (3) Writing for Scholarly Audiences
RHET-3340 (3) Technical and Professional Communication

Area 2: Textual Processes
RHET-11xx (prerequisite for upper division RHET courses)
RHET-2500 (3) Tutoring Writing
RHET-3250 (3) Composition Studies

Area 3: Genres
RHET-2530 (3) Writing in Digital Spaces
RHET-3150 (3) Studies in the Rhetoric of Nonfiction
RHET-3154 (3) The New Journalism
RHET-3155 (3) Writing on the Environment
RHET-3255 (3) Narrative Thinking and Writing
RHET-3330 (3) Investigative Journalism

Students can choose up to 9 credit hours of interdisciplinary writing electives from the following courses to fulfill the 30-credit-hour Certificate program. Note that prerequisites for these courses do not count toward the Certificate:

ENGL-2102 (3) Introduction to Creative Writing: Developing a Portfolio
ENGL 3101 (6) Creative Writing Comprehensive
ENGL-3112 (6) Advanced Creative Writing
ENGL-3113 (3) Writing Short Fiction
ENGL-3114 (3) Writing Poems
ENGL-3115 (3) Writing for Children
THFM 2610(3) Script and Screen
THFM-2611 (3) Introduction to Screenwriting
THFM-2701 (6) Playwriting I
THFM-3611 (6) Advanced Screenwriting
THFM 3701 (6) Playwriting II: General

JOINT COMMUNICATIONS DEGREE/DIPLOMA (UW/RRC)

The University of Winnipeg offers a combined degree/diploma program in Communications in cooperation with Red River College. Generally, students begin at the University of Winnipeg, completing at least 60 credit hours before proceeding to Red River, where they take the two-year Creative Communications Program. The final 12 credit hours of University of Winnipeg courses must be taken during these two years at Red River College if the student wishes to graduate within four years; otherwise, these credit hours may be completed before or after attending Red River College. Students are granted block transfer of 48 credit hours for their Creative Communications Diploma and granted a B.A. in Communications once they have received their diploma and completed the prescribed 72 credit hours of study at the University of Winnipeg.

APPLICATION PROCEDURES

Applications to the University of Winnipeg alone do not constitute applications to the Joint Communications Program. Students **must apply separately** to Red River College for admission to Creative Communications. In their applications to each institution, students must indicate their interest in the Joint Communications Program.

RRC does not reserve seats for joint degree students. Offers of admittance will be made to qualified applicants based on portfolio scores in descending order until all available seats are filled. You are advised to apply to the RRC start date you wish to attend once it is advertised on RRC's website at www.rrc.ca/cre. The annual application intake opens on March 1 and closes the following February 28. For example, for the Fall 2019 start date applications will be accepted between March 1, 2018 and February 28, 2019. Applicants not offered a seat may reapply for a future intake by submitting a new application, application fee, and new portfolio based on the portfolio specifications for that application year.
For more information please contact:

University of Winnipeg: Admissions (204-786-9741);
Red River College: Tracey Seida (204-949- 8339); tseida@rrc.ca

GRADUATION REQUIREMENT 120 credit hours

Students must complete 72 credit hours of University of Winnipeg courses or the equivalent; at least 60 credit hours of these courses must be completed at the University of Winnipeg to satisfy the residency requirement. Students are granted transfer credit for a maximum of 48 credit hours for the Creative Communications Diploma completed at Red River College.

RESIDENCE REQUIREMENT 60 credit hours

GENERAL DEGREE/DIPLOMA REQUIREMENT

Science: 6 credit hours in Science. This 6 credit hour requirement can be fulfilled by a number of courses.

Writing: Three credit hours of Academic Writing at the first-year level are required. Please note that there are no exemptions from this requirement for students pursuing the Degree/Diploma in Communications. If a student takes RHET-1110(6) Academic Writing: Extended or RHET-1115(6) Academic Writing: Extended (EAL), only 3 credit hours will be counted towards the Major (although all 6 credit hours will count towards the degree). Students can choose one of the following Academic Writing designations:

RHET-1101(3)	Academic Writing: Humanities
RHET-1102(3)	Academic Writing: Social Sciences
RHET-1103(3)	Academic Writing: Sciences
RHET-1104(3)	Academic Writing: Business and Administration
RHET-1105(3)	Academic Writing: Multidisciplinary
RHET-1106(3)	Academic Writing: Links with the Disciplines
RHET-1110(6)	Academic Writing: Extended
RHET-1115(6)	Academic Writing: Extended (EAL)

Indigenous: 3 credit hours in designated Indigenous requirement courses

Social Science: 12 credit hours in Social Science. This requirement can be fulfilled by a number of courses.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Students may include a maximum of 6 credit hours below the 1000 level in this category. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subject areas.

Required Courses (36 hours):

6 credit hours of first-year English. For more information, please contact the Department Assistant (ENGL) at 204-786-9292 or Dr. Brandon Christopher, Chair (ENGL), at 204-786-9354.

3 credit hours from the following list:

RHET-2131(3)	Professional Style and Editing
RHET-2530(3)	Rhetorical Grammar
RHET-3340(3)	Technical and Professional Communication

3 credit hours from the following list:

RHET-2135(3)	Rhetorical Criticism
RHET-3152(3)	Digital Rhetorics
RHET-3151(3)	Critical Studies of Discourse

An additional 6 credit hours from courses offered by the Department of Rhetoric, Writing, and Communications (may include courses from the above lists).

A minimum of 18 credit hours in **one** of the following clusters. In addition to the courses listed, a maximum of 6 credit hours of upper-level courses offered by the Department of English and/or of upper-level courses offered by the Department of Rhetoric (beyond the 12 credit hours required, above) may be used to satisfy this requirement. The Department may approve additional courses for inclusion; students seeking such approval should consult with a Departmental advisor.

Cluster One: Human Relations
CRS-2241(3) Conflict and Culture
CRS- 2252 (3) Conflict and Communication
PSYC-2400(3) Social Psychology I
PSYC-2410(3) Social Psychology II
PSYC-3480(3) Interpersonal Communication
SOC-2105(6) Race, Ethnic, and Aboriginal Relations
SOC-2118(6) Sex and Gender Relationships

Cluster Two: Marketing and Business
BUS-2103(3) Organizational Behaviour
BUS-3230(3) Advertising
BUS-3240(3) Consumer Behaviour
BUS-3271(3) Marketing Research
BUS-4901(3) Business Strategy
HIST-2120(3) History of Modern Business Enterprise

Cluster Three: Performance and Production
THFM-2101(6) Acting Theory and Practice
THFM-2310(6) Filmmaking I
THFM-2410(6) History of FIlm
THFM-2502(6) Voice & Speech Skills
THFM-2610(3) Script and Screen
THFM-2611(3) Introduction to Screenwriting
THFM-2612(3) Script and Small Screen
THFM-2801(6) Theatrical Production I
THFM-2803(3) Intro to Light & Sound in Production
THFM-3110(6) Screen Acting

THFM-3310(6) Filmmaking II
THFM-3802(3) Stage Management

Cluster Four: Politics, Ethics, Culture
HIST-2500(6) History of Canada to 1939
HIST-3544(6) History of Winnipeg
PHIL-2202(3) Health care & Bioethics
POL-2500(3) City Politics
POL-3455(3) Politics and the Mass Media
SOC-3214(3) Mass Communication and Media
SOC-3215(3) Popular Culture
WGS-2260(3) Girls, Women, and Popular Culture
UIC-2220(3) Urban Poverty & Policy
UIC-2020(3) Colonization and Aborignal Peoples

Note: Some of the courses listed above have prerequisites; please check individual Calendar listings.

SUMMARY OF THE RED RIVER COLLEGE CREATIVE COMMUNICATIONS PROGRAM

The Creative Communications Program at Red River College comprises four streams: Public Relations, Advertising, Broadcast Production, and Journalism. This program requires two terms each year of full-time course work and takes two years to complete. The program at Red River College generally accepts no more than 75 applicants per year. Courses in the first year of the Creative Communications Program include introductions to journalism, advertising, public relations, and electronic publishing; broadcast media; current events; style in journalism; and business communication. The second year of the Program provides further experience with broadcast media and requires practicums in public relations, advertising, broadcast production, and journalism.

Note: Students who have already fulfilled first-year requirements and/or who have completed the Creative Communications Diploma from RRC should contact Dr. Jaqueline McLeod Rogers, Chair, Department of Rhetoric, Writing, and Communications, at 204-786-9269, for further information about upper-level courses and requirements.

GENERAL INFORMATION

WRITING REQUIREMENT

University of Winnipeg students who are required to take a writing course (see *Degree and Major Requirements* for all Arts and Science Degree Programs) may enrol in any one of a variety of sections of Academic Writing, which is offered in both 6 credit hour and 3 credit hour versions. Students who believe their ability as writers would benefit from the extended practice offered by the 6 credit hour course are encouraged to register in Academic Writing: Extended. These students may wish to consult with Academic Advisors about their decision.

All EAL students who feel that they would benefit from extra attention paid to language learning should enrol in RHET-1115(6) Academic Writing: Extended (EAL).

ADDITIONAL INFORMATION

Academic Writing may not be used to meet the Humanities requirement. All upper level courses offered by the Department of Rhetoric, Writing, and Communications (with the exception of RHET-2530(3) Rhetorical Grammar) may be used to meet the Humanities requirement.

Students intending to transfer to the University of Manitoba should know that Academic Writing: Multidisciplinary, Academic Writing: Humanities, and Academic Writing: Links with the Disciplines fulfil the U of M requirement of 3 credit hours of Written English. However, Academic Writing does not fulfil the first-year English requirement for the U of M professional programs in Dentistry or Medicine, nor the Approved Arts Elective for Pharmacy.

COURSE LISTINGS

First Year Group

The Department of Rhetoric, Writing, and Communications offers multiple sections of its first-year courses in Academic Writing. Each section teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Problems with sentence construction, grammar, and punctuation are addressed as the need arises. Academic Writing is required for all students in the Rhetoric and Communications Major and the Joint Program in Communications.

NOTE: Only one 1000-level Academic Writing course may be used as credit toward graduation.

INTRODUCTORY
3 CREDIT HOUR COURSES

The options available to students taking the 3 credit hour version of Academic Writing fall into three general categories:

- Sections designed to prepare students for major fields of study (Academic Writing in the Humanities, the Social Sciences, the Sciences, or Business and Administration);
- Sections linked to introductory courses in specific disciplines (Academic Writing: Links with the Disciplines);
- Sections that take a multidisciplinary rather than a discipline-specific perspective (Academic Writing: Multidisciplinary).

The specific content and approach of each section vary according to the interests and expertise of individual instructors and according to students' needs.

Further information about these courses is available in the descriptions below. Students are advised to consult the Department or Academic Advisors for more details about individual sections of Academic Writing.

Note: Information about prerequisites, corequisites, and restrictions for all sections of the 3 credit hour version of Academic Writing follows the description of the different options.

We also offer the following 6 credit hour versions of Academic Writing:

RHET-1110(6) Academic Writing: Extended
RHET-1115(6) Academic Writing: Extended (English as an Additional Language)

RHETORIC AND COMMUNICATION COURSES

The Department of Rhetoric, Writing, and Communications offers the following courses:

RHET-2131(3) Professional Style and Editing
RHET-2134(3) The Rhetorical Tradition
RHET-2135(3) Rhetorical Criticism
RHET-2137(3) Contemporary Communication Theories
RHET-2141(3) Representations of Indigeneity
RHET-2142(3) Rhetoric of Animality
RHET-2143(3) Rhetoric of Medicine
RHET-2145(3) Theories and Practices of Oral Communication
RHET-2246(3) Revolutions in Communications
RHET 2250-(3) Communication and Popular Culture
RHET-2350(3) Writing in Digital spaces
RHET-2500(3) Tutoring Writing
RHET-2530(3) Rhetorical Grammar
RHET-3131(3) Advanced Editing
RHET-3132(3) Directed Readings in Rhetoric and Composition
RHET-3133(6) Directed Readings in Rhetoric and Composition
RHET-3138(3) Modern Rhetorical Theory
RHET-3139(3) Rhetorics of Visual Representation
RHET 3145 (3) The Fifth Canon: History and Theories of Delivery
RHET-3150(3) Studies in the Rhetoric of Nonfiction
RHET-3151(3) Critical Studies of Discourse
RHET-3152(3) Digital Rhetorics
RHET-3153 (3) Studies in the Rhetorics of Gender
RHET-3154(3) The New Journalism
RHET-3155(3) Writing on the Environment
RHET-3236(3) Orality and Literacy
RHET-3250(3) Composition Studies
RHET-3255(3) Narrative Thinking and Writing
RHET-3320(3) Forms of Inquiry in Written Communication
RHET-3321(3) Composing Our Winnipeg: Rhetoric of/and the City
RHET-3329(3) Writing for Scholarly Audiences
RHET-3330(3) Investigative Journalism
RHET-3331(3) Writing Internship
RHET-3340(3) Technical and Professional Communication
RHET-3450(3) Critical Studies of Social Media
RHET-3401(3) Rhetoric of the Public Sphere
RHET-3420(3) Rhetorics of Identity
RHET-3900(3) Topics in Rhetoric, Writing, and Communications

EXPERIMENTAL COURSES

RHET-1120(3) Introduction to Rhetoric, Writing & Communication
RHET 3156-(3) Transnational and Intercultural Language and Communication
RHET 3350-(3) Communication, Ideology & Power

NOTE: FOR ALL SECTIONS OF ACADEMIC WRITING

PREREQUISITES: For EAL students, a score of 3.5 on writing component of CanTEST or TWE, or 5.5 on IELTS writing.
RESTRICTIONS: RHET-1xxx(3) and RHET-1xxxx(6) may not be taken by students with standing in the former CAW-1105(3), CAW-1110(6), ENGL-1100(3), ENGL-1101(3), ENGL-1121(3), or ENGL-1122(3). Students with standing in the former ENGL-0100(3) Fundamentals of Rhetoric must register in a 3 credit hour version of Academic Writing in order to satisfy the writing requirement.
RHET-1115(6) may not be taken by students whose first language is English.
Note: Only one 1000-level Academic Writing course may be used as credit toward graduation.

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

SCIENCE with a BUSINESS STREAM

March 28, 2018

Students pursuing a 3-year, 4-year or Honours BSc in any department or program have the opportunity to take a Business Stream – a set of core courses in the Faculty of Business that will provide them with the skills needed to enter and succeed in industry and business. After completing the requirements of the BSc degree and the set of core courses indicated below, it will be noted on the student's transcript that they have satisfied the requirements of a BSc degree with a Business stream.
Program Advisors: All Chairs, Directors or Coordinators in participating departments/programs can provide advice on the business stream within their major.

DEGREES/PROGRAMS OFFERED

3-year BSc with a Business stream
4-year BSc with a Business stream
Honours BSc with a Business stream
Participating departments/programs: Applied Computer Science, Bioanthropology, Biochemistry, Biology, Biopsychology, Chemistry, Environmental Studies, Geography, Kinesiology, Mathematics, Physics, and Statistics.

INTRODUCTION

This program will address the growing demand for University graduates in science to have the basic skill sets needed to function in a business environment. Businesses are playing an increasingly prominent role in science and technology in Canada, both in fundamental research and in the commercialization of innovative ideas to the marketplace. Partnerships between industry, academic institutions, and government agencies are thus on the rise. In particular, there is an expanding private sector in the life sciences, which includes everything from pharmaceutical companies making designer drugs to environmental consultants specializing in remediation. Also, science students who expect to proceed to professional school (Medicine, Dentistry, *etc*.) can benefit from this degree stream since they will generally be involved in running their own small business when they practice their profession.

REQUIREMENTS FOR THE BUSINESS STREAM OF A BSc DEGREE

The program is built upon existing BSc degrees: all of the requirements of the target BSc degree must be satisfied. In addition, the student must complete the following additional 30 credit hours for a BSc degree with a Business stream.

21 credit hours of required courses:

BUS-1201(3) Introduction to Business I
BUS-1202(3) Introduction to Business II

BUS-2002(3) Fundamentals of Financial Accounting
OR
BUS-2010(3) Fundamentals of Financial Management and Administration

BUS-2103(3) Fundamentals of Organizational Behaviour
BUS-2210(3) Fundamentals of Marketing
BUS-2440(3) Fundamentals of Human Resource Management
BUS-2501(3) Fundamentals of Production and Operational Management

Minimum 3 credit hours selected from the following courses:

BUS-3110(3) Ethics in Management
IDS-3101(3) Development Ethics
PHIL-2201(6) Moral Philosophy
PHIL-2233(3) Environmental Ethics

Plus a minimum of 6 credit hours of any additional Business courses for a total of at least 30 credit hours.
A minimum of 3 credit hours of Business courses must be at the 3000- and/or 4000-level.

The following electives are strongly recommended:

ACS-1809(3) Website Design and Development
ACS-2814(3) Applications of Database Systems
ENV-3035(3) Law and the Environment
ENV-3606(3) The Environment and Business
ENV-4611(6) Environmental Impact Assessment

All course descriptions for all undergraduate programs can now be found in one large PDF called "All course descriptions" in the "Academic Calendar" section of the University website: **http://uwinnipeg.ca/academics/calendar/index.html**

SOCIOLOGY (SOC)

Updated May 23, 2018

Chair: TBA; Associate Professors: K. Ducey, K. Fish, H. Rimke; Assistant Professors: D. DesRoches, C. Pankratz, W. Xing;
Instructor: J. Franklin; Senior Scholars: D.A. Chekki, B. Edginton; Adjunct Professor: M. Haworth-Brockman;
Professors Emeriti: D. Cheal, D.A. Chekki, P. Ghorayshi, J. Novek

http://www.uwinnipeg.ca/index/sociology-index

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Research Methods Certificate
Minor

INTRODUCTION

Sociology is an examination of the relations between the individual and society. Studying sociology can help you to develop a "sociological imagination" which is a quality of mind that provides us with the ability to understand our own personal experiences as they are shaped by the society in which we live. Sociologists help us to understand how common sense comes to *be* common sense. In other words, sociology tells us how and why certain ideas are taken for granted and become popular and dominant during different social, economic, and historical time periods.

Sociology is often referred to as the "queen of the social sciences" because it uses history, philosophy, economics and statistics to understand social phenomena like crime rates, social inequality, student protest, and changes taking place in capitalist democracies. Undergraduate sociology students learn a variety of rigorous methods used by contemporary sociologists to understand and explain the social world. In part, this involves developing foundational skills in statistical reasoning, qualitative research methods, and sociological theory. A degree in sociology will provide you with the analytical tools required for engaged citizenship.

The Sociology Department offers 3-Year BA, 4-Year BA, and Honours degree programs plus a Minor and a Research Methods Certificate. A student whose major lies in a different area may still study Sociology as an elective. Courses in Sociology complement such areas as Politics, History, Psychology, Education, Criminal Justice, Women's and Gender Studies, and Environmental Studies. Some interdisciplinary majors require certain Sociology courses as part of their programs.

An undergraduate degree in Sociology enables one to pursue a variety of vocations in such areas as social welfare, criminal justice, government, research, industrial relations and administration. Provincial and federal government offices hire a large number of persons with a Sociology background. For those who wish to proceed to studies at the graduate level, a career in university teaching and research is also an option.

REQUIREMENTS FOR A 3-YEAR BA IN SOCIOLOGY

ADMISSION REQUIREMENT	Students are advised, but not required to consult with the Department Chair in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in Sociology and specified number of credit hours in the other department/program.

Required courses:

SOC-1101(6) Introduction to Sociology.
SOC-2010(3) Classical Sociological Theory plus either **SOC-2011(3)** 20th Century Sociological Theory or **SOC-2012(3)** Contemporary Sociological Theory**;** or the former **SOC-2114(6)** Sociological Theory.
SOC-2125(3) Introduction to Quantitative Research Methods.
SOC-2126(3) Introduction to Research Design and Qualitative Research.

Note: These requirements apply to students who registered at the University of Winnipeg during or after the 1992-93 academic year.

Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Prescribed courses:

SOC-1101(6) Introduction to Sociology.
SOC-2010(3) Classical Sociological Theory plus either **SOC-2011(3)** 20th Century Sociological Theory or **SOC-2012(3)** Contemporary Sociological Theory**;** or the former **SOC-2114(6)** Sociological Theory.
SOC-2125(3) Introduction to Quantitative Research Methods.
SOC-2126(3) Introduction to Research Design and Qualitative Research.

Other required courses depend on the second major area.

REQUIREMENTS FOR A 4-YEAR BA IN SOCIOLOGY

ADMISSION REQUIREMENT Students are advised, but not required to consult with the Department Chair in planning their course of study. Students must have completed at least 30 credit hours.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 66 credit hours.
Double Major:	48 credit hours in each Major subject as specified by the department/program.

Required courses:

SOC-1101(6) Introduction to Sociology.
SOC-2010(3) Classical Sociological Theory plus either **SOC-2011(3)** 20th Century Sociological Theory or **SOC-2012(3)** Contemporary Sociological Theory**;** or the former **SOC-2114(6)** Sociological Theory.
SOC-2125(3) Introduction to Quantitative Research Methods.
SOC-2126(3) Introduction to Research Design and Qualitative Research.

Students must maintain a 2.0 GPA (C).

Combined Major: Minimum 60 credit hours from 2 different majors with not less than 24 credit hours from each major subject.

Prescribed courses:

SOC-1101(6) Introduction to Sociology.
SOC-2010(3) Classical Sociological Theory plus either **SOC-2011(3)** 20th Century Sociological Theory or **SOC-2012(3)** Contemporary Sociological Theory**;** or the former **SOC-2114(6)** Sociological Theory.
SOC-2125(3) Introduction to Quantitative Research Methods.
SOC-2126(3) Introduction to Research Design and Qualitative Research.

REQUIREMENTS FOR AN HONOURS BA IN SOCIOLOGY

ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT Minimum 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours**,** including a minimum of 18 credit hours at the upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject. Minimum 30 credit hours in 4000-level Honours courses.
Double Honours	Minimum 36 credit hours in each Honours subject Minimum 24 credit hours in 4000-level Honours courses in the Sociology component of the double Honours. For the requirements of the other Honours subject, consult the department involved.

Required courses Single Honours:

SOC-1101(6) Introduction to Sociology.
SOC-2010(3) Classical Sociological Theory plus either **SOC-2011(3)** 20th Century Sociological Theory or **SOC-2012(3)** Contemporary Sociological Theory**;** or the former **SOC-2114(6)** Sociological Theory.
SOC-2125(3) Introduction to Quantitative Research Methods.
SOC-2126(3) Introduction to Research Design and Qualitative Research.
SOC-4405(6) Honours Research Paper.

Suggested Pattern of Study:

Year 1:	**SOC-1101(6)** Introduction to Sociology
Year 2:	**SOC-2010(3)** Classical Sociological Theory plus either **SOC-2011(3)** 20th Century Sociological Theory or **SOC- 2012(3)** Contemporary Sociological Theory**;** or the former **SOC-2114(6)** Sociological Theory. 6 additional credit hours at the 2000 or 3000 level in Sociology.
Year 3:	**SOC-2125(3)** Introduction to Quantitative Research Methods, **SOC-2126(3)** Introduction to Research Design and Qualitative Research, 12 credit hours at the 4000 level in Sociology.
Year 4:	**SOC-4405(6)** Honours Research Paper, 12 additional credit hours at the 4000 level in Sociology.

Recommended: Single Honours students are strongly advised to include **SOC-4401(6), SOC-4116(3)** and **SOC-4126(3)** in their Honours courses.

Double Honours:

SOC-1101(6) Introduction to Sociology.
SOC-2010(3) Classical Sociological Theory plus either **SOC-2011(3)** 20th Century Sociological Theory or **SOC-2012(3)** Contemporary Sociological Theory**;** or the former **SOC-2114(6)** Sociological Theory.
SOC-2125(3) Introduction to Quantitative Research Methods.
SOC-2126(3) Introduction to Research Design and Qualitative Research.
SOC-4405(6) Honours Research Paper.

Suggested Pattern of Study:

Year 1:	**SOC-1101(6)** Introduction to Sociology.
Year 2:	**SOC-2010(3)** Classical Sociological Theory plus either **SOC-2011(3)** 20th Century Sociological Theory or **SOC-2012(3)** Contemporary Sociological Theory**;** or the former **SOC-2114(6)** Sociological Theory. 6 additional credit hours at the 2000 or 3000 level in Sociology.

Year 3: **SOC-2125(3)** Introduction to Quantitative Research Methods, **SOC-2126(3)** Introduction to Research Design and Qualitative Research, 12 credit hours at the 4000 level in Sociology.
Year 4: **SOC-4405(6)** Honours Research Paper, 12 additional credit hours at the 4000 level in Sociology.

Recommended: Double Honours students are strongly advised to include **SOC-2010(3)** Classical Sociological Theory and **SOC-2011(3)** 20th Century Sociological Theory or **SOC-2010(3)** Classical Sociological Theory and **SOC-2012(3)** Contemporary Sociological Theory as preparation for **SOC-4401(6)** Seminar in Sociological Theory and to include **SOC-4401(6), SOC-4116(3)** and **SOC-4126(3)** in their honours courses.

Note: 6 credit hours at the 4000 level may be taken in Year 2.
Maximum 12 credit hours at the 4000 level may be taken as Tutorials, not including **SOC-4405(6)** Honours Research Paper.

RESEARCH METHODS CERTIFICATE

Sociology offers an 18 hour *Research Methods Certification* to students who graduate with SOC-2125(3), SOC-2126(3), plus 12 other methods credits from the following: SOC-4116(3), SOC-4126(3) and SOC-4800(6). An average grade of B is required for the certificate.

REQUIREMENTS FOR A MINOR IN SOCIOLOGY

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Requirements:	18 credit hours, at least 12 credit hours of which are above the first-year level, and at least 12 credit hours of which are taken at The University of Winnipeg.
Required courses:	6 credit hours: the prerequisite is a grade of "C" or better in SOC-1101(6) Introduction to Sociology. 12 credit hours in Sociology courses at or above the 2000 level.
Restriction:	Students majoring in Sociology cannot also complete a minor in this area of study.

GENERAL INFORMATION

Prerequisites
SOC-1101(6) Introductory Sociology is the prerequisite for registration in all Sociology courses at the 2000 level and higher.
SOC-2107(3) Criminological Theory is a prerequisite for all other criminology courses.

Course Offerings
2000- and 3000-level courses may be lecture, seminar or laboratory format, or some combination of these, depending on the orientation of the Instructor and the course enrolment. Usually they are lecture format.
4000-level courses are designed to offer the opportunity for in-depth discussion and analysis of issues and ideas on topics in which the Department members have special interest and expertise. Although 4000-level courses assume some prior experience with the subject under study, previous work experience, a keen interest in the topic or merely a strong desire to gain valuable experience from participating in a small group setting may be enough to outweigh lack of previous course experience. Students must consult with the Sociology Honours Advisor to receive program approval.

4000-Level Courses: Minimum 3.0 GPA (B) in major courses. (Students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses.) Permission of the Department is required for each 4000-level course.

COURSE LISTINGS

The Sociology Department has organized its courses into six areas of study. These divisions are provided as guidelines to areas of study available for concentration. Students can move freely between the areas of study if they do not want to develop a concentration.

Students are advised to consult with Academic Advising in planning their course of study. Please refer to WebAdvisor or the Timetable available on the university website for courses to be offered in an upcoming term.

Area 1: CRIMINOLOGY & SOCIO-LEGAL STUDIES

SOC-1006(3)	Beginnings in Law & Criminology
SOC-2107(3)	Criminological Theory
SOC-2108(3)	Sociology of Deviance
SOC-2119(6)	Sociology of Law
SOC-3201(3)	Sociology of Youth Justice
SOC-3203(3)	Theories of Penality
SOC-3205(3)	Policing, Governance & Security
SOC-3208(3)	Women, Crime, & Social Justice
SOC-3002(3)	Comparative Genocide
SOC-3003(3)	Gendercide
SOC-3123(3)	Crime, Victimization, & Justice in Aboriginal Communities
SOC-3213(3)	White Collar & Corporate Crime
SOC-3223(3)	Green Criminology
SOC-4406(6)	Seminar in Sociology of Law & Criminology

Area 2: GLOBALIZATION & POLITICAL ECONOMY

SOC-2104(3) Sociology of Work
SOC-2109(3) Social Policy & Social Welfare
SOC-2404(3) Sociology of Development & Underdevelopment
SOC-2502(3) Sociology of the Environment
SOC-3104(6) Globalization & Societies in the World System
SOC-3115(3) Political Sociology
SOC-3204(3) Economic Sociology
SOC-3303(3) Globalization & Families
SOC-3305(3) International Migration

Area 3: POWER & SOCIAL INEQUALITY

SOC-2101(6) Social Inequality in the Era of Globalization
SOC-2105(6) Race, Ethnic, & Aboriginal Relations
SOC-2118(6) Sex & Gender Relationships
SOC-3118(6) Women in Society
SOC-3128(3) Sociology of Sexuality
SOC-3233(3) Green Justice
SOC-3333(3) Liberation Sociology
SOC-3401(3) Animals in Society
SOC-4101(6) Seminar in Social Stratification
SOC-4413(6) Seminar in Race & Ethnic Relations
SOC-4414(6) Seminar on Women in Society

Area 4: SOCIAL MEDIA & CULTURE

SOC-2000(3) Sociology of Sport
SOC-2001(3) Sociology of Leisure
SOC-2307(3) Sociology of Youth
SOC-2308(3) Critical Social Issues
SOC-2501(3) Technology & Society
SOC-3214(3) Mass Communication & Media
SOC-3215(3) Popular Culture
SOC-4415(6) Seminar on Sociology of Culture

Area 5: SOCIALIZATION, HEALTH & MEDICINE

SOC-2103(3) Sociology of Families
SOC-2115(6) Sociology of Socialization & Development
SOC-2201(3) Sociology of Aging
SOC-2202(3) Changing Patterns of Aging
SOC-3102(6) Sociology of Medicine
SOC-3210(6) Critical Studies in Medicine & Psychiatry
SOC-3212(6) Sociology of the Body
SOC-3304(3) Immigrant Families
SOC-4408(6) Seminar in Socialization & Development
SOC-4409(6) Seminar in the Sociology of Science, Medicine & Technology
SOC-4412(6) Seminar in Sociology of Families

Area 6: THEORY & METHODS

SOC-2010(3) Classical Sociological Theory
SOC-2011(3) 20th Century Sociological Theory
SOC-2012(3) Contemporary Sociological Theory
SOC-2125(3) Introduction to Quantitative Research Methods
SOC-2126(3) Introduction to Research Design & Qualitative Research
SOC-4116(3) Seminar in Quantitative Research Methods
SOC-4126(3) Seminar in Qualitative Research Methods
SOC-4401(6) Seminar in Sociological Theory
SOC-4800(6) Field Research Placement

EXPERIMENTAL COURSES

SOC-2010(3) Classical Sociological Theory
SOC-2011(3) 20th Century Sociological Theory
SOC-2012(3) Contemporary Sociological Theory
SOC-3303(3) Globalization & Families

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

SPANISH STUDIES (SPAN)

Updated January 23, 2018

Chair: Professor S.A. Viselli; Associate Professor: J. Machín-Lucas; Instructor III: M. Ruiz.

DEGREES/PROGRAMS OFFERED
3-Year BA
3-Year BA Combined Major
Minor

INTRODUCTION

With over 470 Million native speakers, Spanish is second only to Chinese as a world language. Belonging to the Romance language family which also includes French, Italian and Portuguese, Spanish derived from Latin but was heavily influenced by Arabic during the occupation of Spain which lasted from 711 to 1492. Today, it is the official language of over twenty countries in areas such as the Americas, the Caribbean, Africa and Spain, with far more speakers in Latin America than anywhere else.

As the number of Spanish speakers continues to increase, so do career opportunities in Spanish as a language for international business, trade and law, tourism, immigration and foreign service, global, national and community development with both governmental and non-governmental organizations as well as journalism, translation and teaching. In all of these fields, learning Spanish gives you a competitive edge.

Along with the language, you will gain the cultural awareness and understanding that is needed in today's global community.

The courses that we offer will help you to develop your communications skills and your critical thinking skills-a must in order to grasp the subtleties of interacting with different cultures. In our courses, you will deepen your understanding of Hispanic culture through the analysis of texts from the Internet and the media as well as through the study of films and literature. Whether Spanish is your first or second language or one of several that you speak, studying Spanish at the University of Winnipeg will be a rewarding and enriching experience that will give you an edge, whatever career path you choose.

Spanish Studies participates in the Minor in Comparative Literature. For eligible courses, please see Comparative Literature in this Calendar.

REQUIREMENTS FOR A 3-YEAR BA IN SPANISH STUDIES

ADMISSION REQUIREMENT	Students must consult with the Department advisor in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement course
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects
MAJOR REQUIREMENT	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours
Double Major:	30 credit hours in Spanish Studies and specified number of credit hours in the other department/program
Required courses:	Minimum 6 credit hours in Spanish Studies at the 3000-level Minimum 2.5 GPA (C^+) in all Spanish Studies courses is advised for continuation in the Major program
Combined Major:	Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject
Required Courses:	Minimum 6 credit hours in Spanish Studies at the 3000-level

REQUIREMENTS FOR A MINOR IN SPANISH STUDIES

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement:	Minimum 12 credit hours in the Minor subject
Required courses:	A minimum of 3 credit hours at the 3000-level
Restrictions:	Students cannot declare the same subject as a Major and a Minor

COURSE LISTINGS

Students registering for their first Spanish Studies course **must** consult a departmental advisor. Please use WebAdvisor or consult the appropriate Timetable on the website for the courses to be offered in an upcoming term.

SPAN-1001(6)	Introductory Spanish
SPAN-2001(6)	Intermediate Spanish
SPAN-2109(3)	Advanced Intermediate Spanish
SPAN-2110(3)	Intermediate Written Expression
SPAN-2114(3)	English-Spanish Translation
SPAN-2115(3)	Spanish-English Translation
SPAN-2116(3)	Spanish for Business
SPAN-2180(3)	Introduction to Hispanic Literature
SPAN-2181(3)	The Hispanic American Short Story
SPAN-2384(3)	Modern Peninsular Spanish Literature and Culture
SPAN-2385(3)	Literature and Culture of Post-Franco Spain
SPAN-2386(3)	Introduction to Hispanic Cinema
SPAN-2710(3)	Classics of Spanish Literature
SPAN-3101(3)	Spanish Civilization from the Middle Ages to the Golden Age
SPAN-3102(3)	Spanish Civilization from the Enlightenment to the Present
SPAN-3103(3)	Latin American Civilization: Pre-Colonial and Colonial
SPAN-3104(3)	Latin American Civilization from Independence to the Present
SPAN-3113(3)	Exploring Language and Literature Through Texts
SPAN-3114(3)	English-Spanish Interpretation
SPAN-3181(3)	Modern Latin American Literature in Spanish
SPAN-3182(3)	Spanish Literature of the Golden Age
SPAN-3184(3)	The Latin American Novel
SPAN-3185(3)	The Spanish Novel
SPAN-3186(3)	Colonial and Nineteenth-Century Latin American Literature in Spanish
SPAN-3187	Spanish Literature of the Middle Ages
SPAN-3301(3)	History of the Spanish Language
SPAN-3183(3)	Spanish Literature from the Enlightenment to the Generation of 1898
SPAN-3710(3)	Classics of Spanish Literature
SPAN-3910(3)/(6)	Special Topics in Spanish Studies

SPANISH STUDIES ENTRANCE COURSES

(For detailed information, see course descriptions.)

STUDENT BACKGROUND	APPROPRIATE COURSE
Has never studied Spanish or did **NOT** complete Spanish 40S	SPAN-1001(6) Introductory Spanish
Completed **Spanish 40S**	SPAN-2001(6) Intermediate Spanish
Spanish is the language spoken at home	SPAN-2001(6) Intermediate Spanish or advanced courses with permission of instructor
Completed High School in Spanish speaking country	Any 2000-level courses or advanced courses with permission of instructor
Enrolled in an Immersion program until High School	SPAN-2109(3) Advanced Intermediate Spanish

All students with backgrounds not described above *must* consult a department advisor prior to registration.

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website: **http://uwinnipeg.ca/academics/calendar/index.html**

STATISTICS (STAT)

Updated Jan 26, 2018

Chair: A. Stokke; Professor: H. A .Howlader; Associate Professors: J. Babb; M. Ghahramani; S. Hossain; Assistant Professor: Z. Mashreghi; Instructors: B. Bector, S. Khan, M. Nasri

DEGREES/PROGRAMS OFFERED
3-Year BA
3-Year BSc
3-Year BSc (Business Stream)
4-Year BA
4-Year BSc
4-Year BSc (Business Stream)
Minor

INTRODUCTION

Statistics is the science of data collection, summarization, analysis, and interpretation. A central issue of statistics is how to make inferences about populations of interest, using data obtained from samples or designed experiments. Statistical techniques are applied extensively in virtually every branch of the physical, social, biological, and human sciences. Statistical methodologies and principles of inference are based heavily upon statistical theory, which, in turn has an essential underlying mathematical foundation. Computer software is typically used for statistical analysis of large data sets.

The Statistics Department offers 3-Year and 4-Year BA or BSc degree programs. Students pursuing a 3-year or 4-year BSc in Statistics also have the opportunity to take a Business Stream (see the “Science with a Business Stream” section of this Course Calendar).

As a student of Statistics, one may study theoretical statistics and probability theory, which focuses on the logical development of statistical methods. One may also take courses which focus on the application of statistical methodology to data sets from a variety of disciplines. The Statistics Department also offers courses in simulation, operations research, and stochastic modeling.

Students who are not Statistics majors will find that a background in statistics is valuable in many areas. Students considering graduate study in various fields may benefit from many of our applied courses. For some programs, certain Statistics courses are required. An understanding of statistical concepts is important for numerical literacy.

Statisticians often work collaboratively with specialists in other fields to develop methodologies and analyze data for research studies. They may assist economists in the analysis of consumer prices, or with the design and analysis of large-scale socioeconomic surveys. Statisticians may help biologists, chemists and engineers in the design and analysis of experiments, or work with medical researchers to test the effectiveness of new drugs. They may also work with researchers in fields such as agriculture, anthropology, climatology, education, epidemiology, and geography. Other opportunities can be found in finance, marketing, and quality management. Many statisticians find employment with private corporations and government agencies, including Statistics Canada.

REQUIREMENTS FOR A 3-YEAR BA/BSc IN STATISTICS

ADMISSION REQUIREMENT	Students must consult with a member of the Department in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Writing:	3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major: Minimum 30 credit hours/Maximum 48 credit hours.
Double Major: Minimum 30 credit hours in Statistics and specified number of credit hours in the other department/program.

Required courses:
Core Courses

STAT-1301(3) Statistical Analysis I AND
STAT-1302(3) Statistical Analysis II OR the former STAT-1201(6) Introduction to Statistical Analysis OR
STAT-1501(3) Elementary Biological Statistics I AND
STAT-2001(3) Elementary Biological Statistics II or the former STAT-1601(3) Elementary Biological Statistics II
STAT-2301(3) Survey Sampling I
STAT-2903(3) Introduction to Statistical Computing
STAT-3103(3) Statistics in Research I
STAT-3104(3) Analysis of Variance and Covariance
STAT/MATH-3611(3) Mathematical Statistics I
STAT/MATH-3612(3) Mathematical Statistics II

6 credit hours from:

STAT-2102(3) Business and Management Statistics
STAT-2103(3) Intermediate Biological Statistics
STAT-2104(3) Nonparametric Statistics
STAT/MATH-2413(3) Introduction to Mathematical Finance
STAT-2501(3) Statistical Quality Control
STAT-3102(3) Applied Multivariate Methods
STAT-3105(3) Time Series and Forecasting
STAT-3401(3) Stochastic Processes
STAT/MATH-3412(3) Introduction to Operations Research
STAT-3501(3) Simulation
STAT-3602(3) Demography
STAT-3701(3) Epidemiology
STAT-4501(3) Spatial Statistics
STAT-4601(3) Statistical Design of Experiments

Combined Major: Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject.
Prescribed courses: To be determined in consultation with the Department.

Students who have not obtained a grade of at least C in both **STAT-1301(3)** Statistical Analysis I AND **STAT-1302(3)** Statistical Analysis II or the former **STAT-1201(6)** Introduction to Statistical Analysis (OR **STAT-1501(3)** Elementary Biological Statistics I AND **STAT-2001(3)** Elementary Biological Statistics II (or the former **STAT-1601(3)** Elementary Biological Statistics II) are advised not to proceed in a Statistics major.

MATH-2105(3) Intermediate Calculus I and **MATH-2106(3)** Intermediate Calculus II or the former **MATH-2101(6)** Intermediate Calculus is a prerequisite for **STAT/MATH-3611(3)** (formerly STAT-3201(3)) Mathematical Statistics I.
MATH-1201(3) Linear Algebra I AND **MATH-2203(3)** Linear Algebra II or the former **MATH-2201(6)** Linear Algebra is a prerequisite for **STAT-3102(3)** Applied Multivariate Methods.
MATH-1201(3) Linear Algebra I AND **MATH-2203(3)** Linear Algebra II or the former **MATH-2201(6)** Linear Algebra is a prerequisite for **STAT/MATH-3412(3)** Introduction to Operations Research.
Students are advised to take **MATH-1103 (3)** Introduction to Calculus I AND **MATH-1104 (3)** Introduction to Calculus II or **MATH-1101(6)** Introduction to Calculus in their first year, and **MATH-2105(3)** Intermediate Calculus I and **MATH-2106(3)** Intermediate Calculus II or the former **MATH-2101(6)** Intermediate Calculus, **MATH-1201(3)** Linear Algebra I AND **MATH-2203(3)** Linear Algebra II or the former **MATH-2201(6)** Linear Algebra in their second year.

Students planning to go on to graduate studies are advised to consult with the Department before choosing second year courses. Students planning to seek employment upon graduation with a Statistics major are strongly advised to take **STAT-2103(3)** Intermediate Biological Statistics as part of the major, and to consider taking as many as possible of the following courses in Applied Computer Science or Mathematics: **MATH-3701(3), ACS-1903(3), ACS-1904(3).**

REQUIREMENTS FOR THE 3-YEAR BSc STATISTICS WITH A BUSINESS STREAM

Students must complete the requirements of the 3-year BSc in Statistics degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR A 4-YEAR BA/BSc IN STATISTICS

ADMISSION REQUIREMENT 30 credit hours previously completed in BA/BSc

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	60 credit hours
Major:	30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Social Sciences (BA only):	12 credit hours
Writing:	Minimum three (3) credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Major:	Minimum 48 credit hours/Maximum 66 credit hours.
Double Major:	Minimum 48 credit hours in each Major as specified by the department/program.

Required Courses:

Core Courses

STAT-1301(3)	Statistical Analysis I AND
STAT-1302(3)	Statistical Analysis II OR the former STAT-1201(6) Introduction to Statistical Analysis OR
STAT-1501(3)	Elementary Biological Statistics I AND
STAT-2001(3)	Elementary Biological Statistics II or the former STAT-1601(3) Elementary Biological Statistics II
STAT-2301(3)	Survey Sampling I
STAT-2903(3)	Introduction to Statistical Computing
STAT-3103(3)	Statistics in Research I
STAT-3104(3)	Analysis of Variance and Covariance
STAT/MATH-3611(3)	Mathematical Statistics I
STAT/MATH-3612(3)	Mathematical Statistics II
STAT-4202(3)	Statistical Inference

18 credit hours from:

STAT-2102(3)	Business and Management Statistics
STAT-2103(3)	Intermediate Biological Statistics
STAT-2104(3)	Nonparametric Statistics
STAT/MATH-2413(3)	Introduction to Mathematical Finance
STAT-2501(3)	Statistical Quality Control
STAT-3102(3)	Applied Multivariate Methods
STAT-3105(3)	Time Series and Forecasting
STAT-3401(3)	Stochastic Processes
STAT/MATH-3412(3)	Introduction to Operations Research
STAT-3501(3)	Simulation
STAT-3602(3)	Demography
STAT-3701(3)	Epidemiology

3 credit hours from:

STAT-4102(3)	Survival and Reliability Analysis
STAT-4401(3)	Probability Theory
STAT-4601(3)	Statistical Design of Experiments
STAT-4501(3)	Spatial Statistics

Students who have not obtained a grade of at least C in both **STAT-1301(3)** Statistical Analysis I AND **STAT-1302(3)** Statistical Analysis II or the former **STAT-1201(6)** Introduction to Statistical Analysis (OR **STAT-1501(3)** Elementary Biological Statistics I AND **STAT-2001(3)** Elementary Biological Statistics II (or the former **STAT-1601(3)** Elementary Biological Statistics II) are advised not to proceed in a Statistics major.

MATH-2105(3) Intermediate Calculus I and **MATH-2106(3)** Intermediate Calculus II or the former **MATH-2101(6)** Intermediate Calculus is a prerequisite for **STAT/MATH-3611(3)** (formerly STAT-3201(3)) Mathematical Statistics I.

MATH-1201(3) Linear Algebra I AND **MATH-2203(3)** Linear Algebra II or the former **MATH-2201(6)** Linear Algebra is a prerequisite for **STAT-3102(3)** Applied Multivariate Methods.

MATH-1201(3) Linear Algebra I AND **MATH-2203(3)** Linear Algebra II or the former **MATH-2201(6)** Linear Algebra is a prerequisite for **STAT/MATH-3412(3)** Introduction to Operations Research.
Students are advised to take **MATH-1103 (3)** Introduction to Calculus I AND **MATH-1104 (3)** Introduction to Calculus II or **MATH-1101(6)** Introduction to Calculus in their first year, and **MATH-2105(3)** Intermediate Calculus I and **MATH-2106(3)** Intermediate Calculus II or the former **MATH-2101(6)** Intermediate Calculus, **MATH-1201(3)** Linear Algebra I AND **MATH-2203(3)** Linear Algebra II or the former **MATH-2201(6)** Linear Algebra in their second year.

Students planning to go on to graduate studies are advised to consult with the Department before choosing second year courses. Students planning to seek employment on graduation with a Statistics major are strongly advised to take **STAT-2103(3)** Intermediate Biological Statistics as part of the major, and to consider taking as many as possible of the following courses in Applied Computer Science or Mathematics: **MATH-3701(3), ACS-1903(3), ACS-1904(3)**.

Combined Major:	Minimum 60 credit hours from 2 different majors with not less than 24 credit hours from each major subject.
Prescribed courses:	To be determined in consultation with the Department

REQUIREMENTS FOR THE 4-YEAR BSc STATISTICS WITH A BUSINESS STREAM

Students must complete the requirements of the 4-year BSc in Statistics degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR A MINOR IN STATISTICS

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement:	Minimum 12 credit hours in the Minor subject
Required courses:	STAT-1301(3) and STAT-1302(3) (or the former STAT-1201(6)) OR both STAT-1501(3) and STAT-2001(3) (formerly STAT-1601(3)) STAT-2301(3) Survey Sampling Any other nine credit hours at the 2000 level or higher (not including STAT-2001(3))
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Prerequisites
Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

COURSE LISTINGS

STAT-1301(3)	Statistical Analysis I
STAT-1302(3)	Statistical Analysis II
STAT-1501(3)	Elementary Biological Statistics I
STAT-2001(3)	Elementary Biological Statistics II
STAT-2102(3)	Business and Management Statistics
STAT-2103(3)	Intermediate Biological Statistics
STAT-2104(3)	Nonparametric Statistics
STAT-2301(3)	Survey Sampling I
STAT-MATH-2413(3)	Introduction to Mathematical Finance
STAT-2501(3)	Statistical Quality Control
STAT-2903(3)	Introduction to Statistical Computing
STAT-3102(3)	Applied Multivariate Methods
STAT-3103(3)	Statistics in Research I
STAT-3104(3)	Analysis of Variance and Covariance
STAT-3105(3)	Time Series and Forecasting
STAT-3401(3)	Stochastic Processes
STAT/MATH-3412(3)	Introduction to Operations Research
STAT-3501(3)	Simulation
STAT-3602(3)	Demography
STAT/MATH-3611(3)	Mathematical Statistics I
STAT/MATH-3612(3)	Mathematical Statistics II
STAT-3701(3)	Epidemiology
STAT-4102(3)	Survival and Reliability Analysis
STAT-4202(3)	Statistical Inference
STAT-4401(3)	Probability Theory
STAT-4501(3)	Spatial Statistics
STAT-4601(3)	Statistical Design of Experiments

COURSE DESCRIPTIONS

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http://uwinnipeg.ca/academics/calendar/index.html

THEATRE AND FILM (THFM)

Updated January 30, 2018

Dance: see DANCE PROGRAM (DANC)

Chair: Associate Professor T. Babcock; Professors: P.K. Brask, C. Brauer, S. Carter, A.B. Taylor; Associate Professors: C. Borody, J. Kozak, F.R. Skene, T. Stroud; S. Vickers; Assistant Professor: A. Parboosingh; Instructors: H. Curle, A. Frost

DEGREES/PROGRAMS OFFERED

3-Year BA
Honours BA
Minor

INTRODUCTION

Study in the Department of Theatre and Film encompasses the fields of both theatre and filmmaking. Theatrical study includes the full spectrum of the dramatic arts: playwriting; production; stage management; drama in education; design; directing; and the skills and techniques required of the actor. Our filmmaking program covers all areas from writing and directing through to shooting and editing. The programs of study within the Department of Theatre and Film place an equal emphasis on practical and theoretical aspects of study. For our theatre students, practical training is balanced with the study of dramatic literature, history of theatre, and aesthetic and critical theory. In addition to all aspects of practical study, our filmmakers learn the theory and history of film.

The Department of Theatre and Film offers both a 3-Year BA degree (Theatre and Film) and a BA Honours degree (Theatre only). The Honours degree is designed for students who seek advanced, pre-professional training.

Students who graduate with the Bachelor's degree in Theatre and Film may find employment opportunities in every aspect of the theatre and film worlds, from performance and technical production, directing, crewing, and editing, to general arts administration. A solid background in literature and theory may lead to further studies and teaching opportunities in a university or professional drama or film school. Some graduates establish careers in related work in public service, the professions, and the broadcasting media.

The Department of Theatre and Film participates in the Interdepartmental Minor in Comparative Literature. For eligible courses, please see Comparative Literature in this *Calendar*.

REQUIREMENTS FOR A 3-YEAR BA IN THEATRE AND FILM

ADMISSION REQUIREMENT

In order to avoid errors in course selection and load (which may result in the need to take additional courses for the degree), students are **STRONGLY ENCOURAGED** to consult with the Department's Student Advisor in planning their course of study. E-mail theatre@uwinnipeg.ca or call (204)786-9955 for further information, or to arrange an appointment.

GRADUATION REQUIREMENT

90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects

NOTE: Dance Program courses cannot be used to fulfil the Major subject requirements in Theatre and Film; they are considered to be a different subject with respect to the maximum number of courses permitted in the Major subject and to the University Distribution Requirement.

MAJOR REQUIREMENT

Single Major:	Minimum 30 credit hours/Maximum 48 credit hours
Double Major:	30 credit hours in Theatre/Film and the specified number of credit hours in the other department/program

Required Courses for all concentrations **except** Filmmaking:

THFM-1001(6) Introduction to Theatre: Performance **OR THFM-1002(6)** Introduction to Theatre: General
THFM/ENGL-2703(3) Play Analysis
One sequence of practical courses representing one concentration in Theatrical Study as defined below.

A minimum of 3 credit hours from the *Dramatic Studies Group*:

DRAMATIC STUDIES GROUP

THFM-2401/HIST-2190(3) Theatre History I: Aeschylus to Shakespeare
THFM-2402(3) Theatre History II: Molière to Irving
THFM/CLAS-2405(3) Staging Greek and Roman Drama
THFM-3401/HIST-3190(3) Theatre History III: Ibsen to the Present
THFM-3402(3) Canadian Drama
ENGL-2311(6) Shakespeare
ENGL-3401(6) Modern Drama
FREN-4748(3) Le théâtre classique

NOTE: These requirements do not apply to the Dance Program; see separate *Calendar* entry under DANC.

Required courses for **FILMMAKING**:

THFM-1001(6) Introduction to Theatre: Performance (recommended) **OR** **THFM-1002(6)** Introduction to Theatre: General
THFM-1010(6) Introduction to Film
THFM-2310(6) Filmmaking I: Screen Narrative Technique
THFM-2410/HIST-2191(6) History of Film
AND at least **ONE** of:
THFM-3310(6) Filmmaking II: Directing the Short Film
THFM-3312(6) Sound Editing
THFM-3313(6) Advanced Picture Editing

COMBINED MAJOR Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Required Courses for all concentrations **except** Filmmaking:

THFM-1001(6) Introduction to Theatre: Performance OR **THFM-1002(6)** Introduction to Theatre: General
THFM/ENGL-2703(3) Play Analysis
AND a minimum of 3 credit hours from the *Dramatic Studies Group* (see above)

Required courses for **FILMMAKING**:

THFM-1010(6) Introduction to Film
THFM-2410/HIST-2191(6) History of Film

EXAMPLES OF CONCENTRATIONS IN THEATRE AND FILM:

In addition to taking the courses listed below, students must fulfil the General Degree Requirements for the 3-Year BA Degree described above.

ACTING: Compulsory sequence:

THFM-1001(6) Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General
THFM-2101(6) Acting Theory and Practice
AND at least **ONE** of the following:
THFM-3101(6) Acting III General
THFM-3110(6) Screen Acting
THFM-3920(6) Musical Theatre
THFM-4131(8) Acting III: Honours
THFM-4133(6) Devised Theatre

Required but not in any particular order or year:

THFM/ENGL-2703(3) Play Analysis
AND a minimum of 3 credit hours from the *Dramatic Studies Group*

Recommended (in no particular order of preference):

THFM-2502(6) Voice and Speech Skills for Presentation and Performance
THFM-2505(3) Principles of Physical Training for the Actor
THFM-2603(3) Make-up: Theory and Practice
A first-year English course

DESIGN: Compulsory sequence:

THFM-1001(6) Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General
THFM-2201(3) Principles of Design
THFM-3201(6) Styles in Design

Required but not in any particular order or year:

THFM/ENGL-2703(3) Play Analysis
AND a minimum of 3 credit hours from the *Dramatic Studies Group*

Recommended (in no particular order of preference):

THFM-2601(3) Costuming
THFM-2602(3) Lighting
THFM-3202(3) Drafting and Drawing
HIST-2800(6) History of European Art
A first-year English course

DRAMA IN EDUCATION:

Compulsory sequence:

THFM-1001(6) Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General

THFM-2101(6) Acting Theory and Practice (recommended) **OR** **THFM-2501(6)** Mime and Improvisation

THFM-3502(6) Drama in Education

Required but not in any particular order or year:

THFM/ENGL-2703(3) Play Analysis

AND a minimum of 3 credit hours from the *Dramatic Studies Group*

Recommended:

A first-year English course

FILMMAKING:

Compulsory sequence:

THFM-1010(6) Introduction to Film

THFM-2310(6) Filmmaking I: Screen Narrative Technique

AND at least **ONE** of:

THFM-3310(6) Filmmaking II: Directing the Short Film

THFM-3312(6) Sound Editing

THFM-3313(6) Advanced Picture Editing

Required but not in any particular order or year:

THFM-1001(6) Introduction to Theatre: Performance (recommended) **OR** **THFM-1002(6)** Introduction to Theatre: General

THFM-2410/HIST-2191(6) History of Film

Recommended (in no particular order of preference):

THFM-2311(6) Film Comedy

THFM-2312(6) Documentary Filmmaking

THFM-2510(3) Producing for Film

THFM-2602(3) Lighting

THFM-2610(3) Script and Screen

THFM-2611(3) Introduction to Screenwriting

THFM-2801(6) Production I **OR** **THFM-2803(3)** Lighting and Sound in Production

THFM-3611(6) Advanced Screenwriting

PLAYWRITING:

Compulsory sequence:

THFM-1001(6) Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General

THFM-2701(6) Playwriting I

THFM-3701(6) Playwriting II: General

Required but not in any particular order or year:

THFM/ENGL-2703(3) Play Analysis

AND a minimum of 3 credit hours from the *Dramatic Studies Group*

Recommended:

A first-year English course

STAGE MANAGEMENT AND PRODUCTION:

Compulsory Sequence:

THFM-1001(6) Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General

THFM-2801(6) Theatrical Production I

AND

For PRODUCTION only:

THFM-3801(6) Theatrical Production II

THFM-3807(3) Production Operations and Management

For STAGE MANAGEMENT only:

THFM-3801(6) **OR** any **TWO** of the Theatre (THFM) courses listed below under "Recommended"

THFM-3802(3) Stage Management **OR** THFM-4802(3) Honours Stage Management – Theory

Required but not in any particular order or year:

THFM/ENGL-2703(3) Play Analysis

AND a minimum of 3 credit hours from the *Dramatic Studies Group*

Recommended (in no particular order of preference):
THFM-2201(3) Principles of Design
THFM-2601(3) Costuming
THFM-3202(3) Drafting and Drawing
THFM-3803(3) Properties for the Stage
THFM-3804(3) Scenic Painting
THFM-3807(3) Production Operations and Management
THFM-4803(3) Honours Stage Management - Practice

REQUIREMENTS FOR A BA HONOURS IN THEATRE AND FILM

Note: B.A. (Hons.) is **not** available in the Drama in Education or the Filmmaking concentrations.
For BA Honours in Dance, please see the separate calendar entry under DANCE PROGRAM (DANC)

ADMISSION REQUIREMENT

Students may enter into the program after completing a minimum of 30 credit hours.
Entry, continuing, and graduation minimum GPA is 3.0 (B) in Honours subject courses and 2.5 (C+) in Non-Honours subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).
It is **STRONGLY RECOMMENDED** that students consult the Department's Student Advisor for assistance in choosing which recommended courses to take in any given concentration; e-mail theatre@uwinnipeg.ca or call the Theatre/Film office at (204)786-9955.

GRADUATION REQUIREMENT

Minimum 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours**,** including at least 18 credit hours at the upper level (3000/4000), of which a minimum of 9 credit hours must be at the 4000 level

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects

NOTE: Dance Program courses cannot be used to fulfil the Major subject requirements in Theatre and Film; they are considered to be a different subject with respect to the maximum number of courses permitted in the Major subject and to the University Distribution Requirement.

HONOURS REQUIREMENT (THEATRE AND FILM)

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject Minimum 30 credit hours at the upper level (3000 or 4000) in Honours subject courses **Acting:** Minimum 21 credit hours at the 4000 level **Design, Directing, Playwriting, and Production/Stage Management:** Minimum 18 credit hours at the 4000 level
Double Honours:	Minimum 36 credit hours in each Honours subject Minimum 24 credit hours at the upper level (3000 or 4000) in Honours subject courses Minimum 15 credit hours at the 4000 level in the Theatre and Film component of the double Honours. For the requirements of the other Honours subject consult the department involved.

Required Courses:

~~**NOTE:** These requirements do not apply to the Honours Dance Program.~~

THFM-1001(6)	Introduction to Theatre: Performance **OR THFM-1002(6)** Introduction to Theatre: General
THFM/ENGL-2703(3)	Play Analysis
THFM-4441(3)	Theatre Aesthetics **OR** a minimum of 3 credit hours in any Honours-level course in dramaturgy

A minimum of 3 credit hours from the *Dramatic Studies Group*:

DRAMATIC STUDIES GROUP

THFM-2401/HIST-2190(3) Theatre History I: Aeschylus to Shakespeare
THFM-2402(3) Theatre History II: Molière to Irving
THFM/CLAS-2405(3) Staging Greek and Roman Drama
THFM-3401/HIST-3190(3) Theatre History III: Ibsen to the Present
THFM-3402(3) Canadian Drama
ENGL-2311(6) Shakespeare
ENGL-3401(6) Modern Drama
FREN-4748(3) Le théâtre classique

One sequence of practical courses representing one concentration in Theatrical Study

NOTE: It is strongly recommended that Honours students going on to graduate work take **a dramatic literature course**.

EXAMPLES OF CONCENTRATIONS IN THEATRE AND FILM:

In addition to taking the courses listed below, students must fulfil the General Degree Requirements of the BA Honours Degree described above.

ACTING: Compulsory sequence:
- **THFM-1001(6)** Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General
- **THFM-2101(6)** Acting Theory and Practice
- **THFM-4131(8)** Acting III: Honours

Required but not in any particular order or year:
- **THFM/ENGL-2703(3)** Play Analysis
- A minimum of 3 credit hours from the *Dramatic Studies Group*
- **THFM-4441(3)** Theatre Aesthetics **OR** a minimum of 3 credit hours in any Honours-level course in dramaturgy
- 6 or 9 additional credit hours in Theatre at the 3000 level (depending on the choice of required course from the *Dramatic Studies Group*)
- 6 additional credit hours in Theatre at the 4000 level

Recommended (in no particular order of preference)
- **THFM-2502(6)** Voice and Speech Skills for Presentation and Performance
- **THFM-2505(3)** Principles of Physical Training for the Actor
- **THFM-2603(3)** Make-Up Theory and Practice
- **THFM-2801(6)** Theatrical Production I
- **THFM-3110(6)** Screen Acting
- **THFM-4141(8)** Acting IV: Honours – Style and Genre **OR** **THFM-4145(6)** Acting IV: Honours – Contemporary Performance
- A first-year English course

DESIGN: Compulsory:
- **THFM-1001(6)** Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General
- **THFM-2201(3)** Principles of Design
- **THFM-2602(3)** Lighting
- **THFM-3201(6)** Styles in Design
- **THFM-3202(3)** Drafting and Drawing
- **THFM-4203(6)** Contemporary Stage Design **OR** **THFM-4041(6)** Special Studies in Theatre

Required but not in any particular order or year:
- **THFM/ENGL-2703(3)** Play Analysis
- A minimum of 3 credit hours from the *Dramatic Studies Group*
- **THFM-4441(3)** Theatre Aesthetics **OR** a minimum of 3 credit hours in any Honours-level course in dramaturgy
- A minimum of 0 or 3 additional credit hours in Theatre at the 3000 level (depending on the choice of required course from the *Dramatic Studies Group*)
- A minimum of 9 additional credit hours in Theatre at the 4000 level

Recommended (in no particular order of preference):
- **THFM-2601(3)** Costuming
- **THFM-2603(3)** Make-Up: Theory and Practice
- **THFM-2801(6)** Production I
- **THFM-3804(3)** Scenic Painting
- **HIST-2800(6)** History of European Art
- A first-year English course

DIRECTING: Compulsory:
- **THFM-1001(6)** Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General
- **ANY TWO** of:
  - **THFM-2101(6)** Acting Theory and Practice
  - **THFM-2201(3)** Principles of Design
  - **THFM-3802(3)** Stage Management
- **THFM-4331(6)** Directing I
- 6 additional credit hours at the 4000-level in directing, dramaturgy, or special studies

Required but not in any particular order or year:
THFM/ENGL-2703(3) Play Analysis
A minimum of 3 credit hours from the *Dramatic Studies Group*
THFM-4441(3) Theatre Aesthetics **OR** a minimum of 3 credit hours in any Honours-level course in dramaturgy
A minimum of 9 or 12 additional credit hours in Theatre at the 3000 level (depending on the choice of required course from the *Dramatic Studies Group*)
A minimum of 3 additional credit hours in Theatre at the 4000 level
Recommended (in no particular order of preference):
THFM-2401/HIST-2190(3) Theatre History I: Aeschylus to Shakespeare
THFM-2402(3) Theatre History II: Molière to Irving
THFM-2602(3) Lighting
THFM-2801(6) Production I
THFM-3401/HIST-3190(3) Theatre History III: Ibsen to the Present
THFM-3402(3) Canadian Drama
THFM-4131(12) Acting III: Honours
THFM-4802(3) Honours Stage Management – Theory
THFM-4803(3) Honours Stage Management – Practice
A first-year English course

PLAYWRITING:
Compulsory:
THFM-1001(6) Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General
THFM-2701(6) Playwriting I
THFM-4041(6) Special Studies in Theatre in Playwriting
Required but not in any particular order or year:
THFM/ENGL-2703(3) Play Analysis
A minimum of 3 credit hours from the *Dramatic Studies Group*
THFM-4441(3) Theatre Aesthetics **OR** a minimum of 3 credit hours in any Honours-level course in dramaturgy
A minimum of 9 or 12 additional credit hours in Theatre at the 3000 level (depending on the choice of required course from the *Dramatic Studies Group*)
A minimum of 9 additional credit hours in Theatre at the 4000 level
Recommended (in no particular order of preference):
THFM-2401//HIST-2190(3) Theatre History I: Aeschylus to Shakespeare
THFM-2402(3) Theatre History II: Molière to Irving
THFM-2610(3) Script and Screen
THFM-2611(3) Introduction to Screenwriting
THFM-3401(3)/HIST-3190(3) Theatre History III: Ibsen to the Present
THFM-3402(3) Canadian Drama
A first-year English course
Any single or combination of dramatic literature and/or creative writing courses offered through another Humanities department.

STAGE MANAGEMENT AND PRODUCTION:
Compulsory Sequence:
THFM-1001(6) Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General
THFM-2801(6) Theatrical Production I
AND
For PRODUCTION only:
THFM-3202(3) Drafting and Drawing
THFM-3801(6) Production II
THFM-3807(3) Production Operations and Management
THFM-4809(6) Advanced Stagecraft Practicum I
A minimum of 9 additional credit hours at the 4000 level
For STAGE MANAGEMENT only:
THFM-3801(6) **OR** any two of the Theatre courses listed under “Recommended” below
THFM-4802(3) Honours Stage Management – Theory
THFM-4803(3) Honours Stage Management – Practice
A minimum of 9 additional credit hours at the 4000 level
Required but not in any particular order or year:
THFM/ENGL-2703(3) Play Analysis
A minimum of 3 credit hours from the *Dramatic Studies Group*
THFM-4441(3) Theatre Aesthetics **OR** a minimum of 3 credit hours in any Honours-level course in dramaturgy
Recommended (in no particular order of preference):
THFM-2201(3) Principles of Design
THFM-2601(3) Costuming
THFM-3202(3) Drafting and Drawing
THFM-3803(3) Properties for the Stage
THFM-3804(3) Scenic Painting
THFM-3807(3) Production Operations and Management
A first-year English course

NOTE: There is no Honours concentration available at this time for Drama in Education or Filmmaking.
Not all recommended courses need be taken.
In certain circumstances it may be possible to construct an alternate pattern of study within a concentration, with the permission of the Department Chair.

REQUIREMENTS FOR A MINOR IN THEATRE AND FILM

Degree: Students completing any undergraduate degree program are eligible to complete the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement: Minimum 12 credit hours in the Minor subject
Required courses:

Minimum 6 credit hours at the 1000 level which must include any one of the following:

THFM-1001(6) Introduction to Theatre: Performance
THFM-1002(6) Introduction to Theatre: General
THFM-1010(6) Introduction to Film

Minimum 12 credit hours above the 1000 level of which a minimum of 3 credit hours must be above the 2000 level.

Beyond the normal course pre-requisites, there is no requirement that the courses selected follow a particular concentration within Theatre and Film to meet the Minor requirement.

Restrictions: Students cannot declare the same subject as a Major and a Minor

GENERAL INFORMATION

4000-Level Courses: Minimum 3.0 GPA (B) required in major subject. Students lacking the requisite 3.0 GPA or non-Honours students may be eligible to take 4000-level courses; please consult the department concerned for further information. Departmental permission is required for each 4000-level course.

In order to fulfill non-major requirements, students intending to complete a Major/Honours degree in Theatre and Film are encouraged to look at the *Calendar* entries for departments such as: Classics, English, History, Kinesiology and Applied Health, Modern Languages and Literature, Philosophy, and Religion and Culture for courses which complement studies in Theatre and Film. Please consult the department's website at http://theatre.uwinnipeg.ca/student.htm for a list of cognate (related) film courses offered through other departments.

ENGLISH DEPARTMENT *THEATRE AND FILM GROUP*
A maximum of 6 credit hours of the following courses taught by the Department of Theatre and Film may be counted towards a **3-year BA** in **English**.
A maximum of 9 credit hours of the following courses taught by the Department of Theatre and Film may be counted towards a **4-year/Honours BA** in **English**.

THFM-2401/HIST-2190(3) Theatre History I: Aeschylus to Shakespeare
THFM-2402(3) Theatre History II: Molière to Irving
THFM-2404(3) Aboriginal Identities in Theatre and Film
THFM-2410/HIST-2191(6) History of Film
THFM-2610(3) Script and Screen
THFM-2611(3) Introduction to Screenwriting
THFM-2612(3) Script and the Small Screen: The Television Drama Series
THFM-2701(6) Playwriting I
THFM-3401/HIST-3190(3) Theatre History III: Ibsen to the Present
THFM-3402(3) Canadian Drama and Theatre
THFM-3611(6) Advanced Screenwriting
THFM-3701(6) Playwriting II: General

MINOR IN COMPARATIVE LITERATURE
The following Theatre and Film courses may be used towards the Minor in Comparative Literature:

THFM-2401/HIST-2190(3) Theatre History I: Aeschylus to Shakespeare
THFM-2402(3) Theatre History II: Molière to Irving
THFM-2410/HIST-2191(6) History of Film
THFM/ENGL-2703(3) Play Analysis
THFM-3401/HIST-3190(3) Theatre History III: Ibsen to the Present
THFM-4441(3) Theatre Aesthetics

COURSE LISTINGS

COURSES IN THE GENERAL PROGRAM

THFM-1001(6) Introduction to Theatre: Performance
THFM-1002(6) Introduction to Theatre: General
THFM-1010(6) Introduction to Film
THFM/MUS-1500(3) Music Appreciation
THFM-2001(3) Theatre/Film Practicum I
THFM-2002(3) Theatre/Film Practicum II
THFM-2003(3 or 6) Topics in Theatre and Film
THFM/MUS-2011(3) Ensemble Practicum (Choral)
THFM-2101(6) Acting Theory and Practice
THFM-2201(3) Principles of Design
THFM-2310(6) Filmmaking I: Screen Narrative Technique
THFM-2311(6) Film Comedy
THFM-2312(6) Documentary Filmmaking
THFM-2401/HIST-2190(3) Theatre History I: Aeschylus to Shakespeare

THFM-2402(3) Theatre History II: Molière to Irving
THFM-2404(3) Aboriginal Identities in Theatre and Film
THFM/CLAS-2405(3) Staging Greek and Roman Drama
THFM-2406/HIST-2192(6) The History of Fashion and Dress
THFM-2410/HIST-2191(6) History of Film
THFM-2501(6) Mime and Improvisation
THFM-2502(6) Voice and Speech Skills for Presentation and Performance
THFM-2505(3) Principles of Physical Training for the Actor
THFM-2510(3) Introduction to Producing for Film
THFM-2601(3) Costuming
THFM-2602(3) Lighting
THFM-2603(3) Make-Up: Theory and Practice
THFM-2604(2) Introduction to Stage Lighting for Dance
THFM-2605(2) Lighting for Dance Practicum
THFM-2606(2) Self Producing for Dance
THFM-2610(3) Script and Screen
THFM-2611(3) Introduction to Screenwriting
THFM-2612(3) Script and the Small Screen: The Television Drama Series
THFM-2701(6) Playwriting I
THFM/ENGL-2703(3) Play Analysis
THFM-2801(6) Theatrical Production I
THFM-2803(3) An Introduction to Lighting and Sound in Production
THFM-2804(3) Introduction to Arts and Cultural Management
THFM-2805(3) Policy and Leadership in the Canadian Cultural Sector
THFM-2920(3) Introductory Dance for Musical Theatre
THFM-2922(3) Introduction to Music and Singing
THFM-3001(6) Special Studies in Theatre/Film
THFM-3002(3) Special Studies in Theatre/Film
THFM-3101(6) Acting III: General
THFM-3103(6) Movement for Actors
THFM-3105(6) Advanced Movement I
THFM-3106(6) Advanced Movement II
THFM-3110(6) Screen Acting
THFM-3201(6) Styles in Design
THFM-3202(3) Drafting and Drawing
THFM-3310(6) Filmmaking II: Directing the Short Film
THFM-3312(6) Sound Editing for Film
THFM-3313(6) Advanced Picture Editing
THFM-3401/HIST-3190(3) Theatre History III: Ibsen to the Present
THFM-3402(3) Canadian Drama and Theatre
THFM-3502(6) Drama in Education
THFM-3503(3) Stage Combat for Actors
THFM-3603(3) Make-Up II: Prosthetics
THFM-3611(6) Advanced Screenwriting
THFM-3701(6) Playwriting II: General
THFM-3801(6) Theatrical Production II
THFM-3802(3) Stage Management
THFM-3803(3) Properties for the Stage
THFM-3804(3) Scenic Painting
THFM-3805(3 Leading and Managing in Arts and Cultural Organizations
THFM-3807(3) Theatrical Production Operations and Management
THFM-3808(3) Stagecraft Practicum
THFM-3809(3) Stagecraft Techniques
THFM-3920(6) Musical Theatre

HONOURS COURSES

THFM-4041(6) Special Studies in Theatre/Film
THFM-4042(1,2,or3) Special Studies in Theatre/Film
THFM-4131(8) Acting III: Honours
THFM-4133(6) Devised Theatre
THFM-4134(6) Interpreting Shakespeare
THFM-4135(3) Acting for the Media
THFM-4136(3) Advanced Media Acting
THFM-4137(4) Advanced Voice I
THFM-4138(4) Advanced Voice II
THFM-4141(8) Acting IV: Honours - Style and Genre
THFM-4145(6) Acting IV: Honours - Contemporary Performance
THFM-4203(6) Contemporary Stage Design
THFM-4331(6) Directing I
THFM-4441(3) Theatre Aesthetics
THFM-4442(3) Advanced Theory of Acting
THFM-4532(6) Swordplay: Stage and Screen
THFM-4802(3) Honours Stage Management – Theory
THFM-4803(3) Honours Stage Management – Practice
THFM-4809(6) Advanced Stagecraft Practicum

DRAMATIC LITERATURE COURSES

NOTE: These are **cognate** (related) courses; although some may satisfy the Dramatic Studies requirement, they may not be counted as THFM credits towards a Major in Theatre and Film.

ENGL-2311(6) Shakespeare
ENGL-2401(6) Tragedy and Comedy in Drama
ENGL-3190(6) Literature and Film
ENGL-3401(6) Modern Drama
ENGL-4311(6) Topics in Shakespeare
ENGL-4442(6) Topics in Drama and Dramatic Theory

OTHER COGNATE COURSES

ENGL-2180(6) Popular Literature and Film
ENGL-3169(3) Films for Young People
HIST-2800(6) History of European Art
POL-2220(6) Politics and Film

The Department of Theatre and Film has organized its courses into nine areas of specialization. These divisions are provided as guidelines to the available concentrations.

Concentrations in Theatrical Study are identified by the second digit in the course number as follows:

0 Introductory and Practicum
1 Acting
2 Design
3 Directing
4 History/Aesthetics/Dramatic Theory
5 Mime and Educational Theatre
6 and 8 Production
7 Playwriting
9 Dance

Concentrations in Film Study are identified by the third and fourth digits in the course number: 10, 11, 12, etc., i.e., THFM-xx10, 11, 12. . .

Students are advised to consult WebAdvisor or the appropriate *Timetable* available online at www.uwinnipeg.ca for information on courses to be offered in the upcoming term.

Students are **STRONGLY ENCOURAGED** to contact the Office of the Department of Theatre and Film at (204)786-9955 in order to arrange an appointment for academic advising prior to setting up their program of study, and to meet annually with the department's Student Advisor.

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

URBAN AND INNER-CITY STUDIES (UIC)

Updated Jan. 16, 2018

Chair and Associate Professor: Shauna Mackinnon; Professor: Jim Silver; Associate Professor: J. Harris;Assistant Professor: C. Fiola; Academic Advisor/Program Coordinator: Andrea Canada; Department Assistant: Nadya Alahakoon

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Certificates
Minor

INTRODUCTION

Urban and Inner-City Studies is an interdisciplinary Major that examines the city as a dynamic environment. The program combines a traditional urban studies focus with courses that examine various aspects of the inner city, such as the urban Indigenous experience, the immigrant and refugee experience, urban poverty, the housing problem, and the role of women. In Canada, cities continue to be centres of great challenges: from managing suburban growth, to promoting inner-city revitalization; from responding to the opportunities and challenges created by rapidly changing demographics to those created by globalization and socio-economic change. Cities are also home to increased concentrations of poverty, racism, and social and political exclusion. The Department of Urban and Inner-City Studies provides an opportunity to examine the political, economic, social and spatial context of these and many other important aspects of urban change from an interdisciplinary perspective.

The Department of Urban and Inner-City Studies is located on Selkirk Avenue, in Winnipeg's historic North End. Most classes are offered at 541 Selkirk Avenue, in Merchants Corner. We offer an innovative and intellectually exciting curriculum in a dynamic setting. This is university education, with a difference!

RED RIVER COLLEGE

The Department of Urban and Inner-City Studies welcomes students from the Community Development/Community Economic Development Program at Red River College. The University of Winnipeg will grant a total of 30 credit hours in block transfer credits to Red River College students who have completed the 2 year Diploma program in CD/CED. For students who have completed 1 year and have received their Certificate in CD/CED, the University will transfer 9 block credit hours. Further details regarding the transfer of credits and course requirements are available from the Department Chair or the Academic Advisor/Program Coordinator of UIC.

CERTIFICATE PROGRAMS

The Certificate Program in Urban and Inner-City Studies, and the Certificate Program in Community Advocacy, are 30-credit-hour programs, designed especially but not only for part-time students. Awarded annually by the Department of Urban and Inner-City Studies, the Certificates will indicate a pre-degree designation. Since the courses required for each of these two Certificates are also part of the degree program, they can be used towards a 3-year, 4-year or Honours BA, if the student chooses to continue his/her studies.

Please Note: Most of the Urban and Inner-City Studies course offerings will be taught at the North End Campus at541Selkirk Avenue.

REQUIREMENTS FOR A 3-YEAR BA IN URBAN AND INNER-CITY STUDIES

ADMISSION REQUIREMENT	Students should consult with the Department in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 36 credit hours/Maximum 48 credit hours. Students must take 36 credit hours from the list of core courses.
Double Major:	36 credit hours in Urban and Inner-City Studies and specified number of credit hours in the other department/program.

REQUIREMENTS FOR A 4-YEAR BA IN URBAN AND INNER-CITY STUDIES

ADMISSION REQUIREMENT Students should consult with the Department in planning their studies

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum 3 credit hours from each of 5 different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 51 credit hours/Maximum 66 credit hours.
Double Major:	51 credit hours in Urban and Inner-City Studies and specified number of credit hours in the other department/program.

Required courses:

36 credit hours from the list of core courses
15 credit hours from the list of area courses
Minimum 18 credit hours at the 2000 level
Minimum 24 credit hours at the 3000 level
Maximum 18 credit hours at the 4000 level

Students who have obtained at least a 3.0 GPA in previous Urban and Inner-City Studies courses may substitute a maximum of 18 credit hours at the 4000 level for 3000-level courses.
Students without the required 3.0 GPA must consult the Department for permission to take 4000-level courses.

Combined Major:	Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.

REQUIREMENTS FOR AN HONOURS BA IN URBAN AND INNER-CITY STUDIES

ADMISSION REQUIREMENT Students must have completed 30 credit hours with a minimum 3.0 GPA in Honours subject courses (cumulative GPA) and 2.5 GPA (degree GPA) in non-Honours courses.
Students must consult with and have the approval of the Department in planning their course of study.

GRADUATION REQUIREMENT 120 credit hours, with minimum 3.0 GPA in Honours subject courses and 2.5 GPA in Non-Honours subject courses.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours Minimum 30 credit hours in 4000-level Honours Courses Students are allowed a maximum of 12 credit hours of Directed Readings toward the Honours requirement
Double Honours:	Minimum 36 credit hours in each Honours subject Minimum 24 credit hours in 4000-level Honours courses in Urban and Inner-City Studies

Honours students must select from the course listings below according to the requirements under the 4 Year Degree:
36 credit hours from the list of core courses
15 credit hours from the list of area courses
Honours students must include among their core and area courses:
30 credit hours at the 4000 level.

REQUIREMENTS FOR A CERTIFICATE IN URBAN AND INNER-CITY STUDIES

Students who take the following 30 credit hours of courses in the Urban and Inner-City Studies program are entitled to receive a Certificate in Urban and Inner-City Studies.

Take the following six courses:

UIC-1001(3) Introduction to Urban and Inner-City Studies
DMISC-16476 0703 Introduction to University-eligible for transfer credit (3) or
RHET-1105(3) Academic Writing
UIC-2001(3) Community Development
UIC-2020(3) Colonization and Indigenous Peoples
UIC-3001(6) Urban and Inner-City Practicum
UIC-3020(3) Women and the Inner City

Choose at least three of the following courses:

UIC-1002(3) Issues in Urban and Inner-City Studies
UIC 1010(3) Indigenous Ways of Knowing
UIC 1012(3) Dynamics of the Inner City
UIC 2010(3) Metis Identity, Culture and Rights
UIC-2030(3) Management and Financial Administration for Community Leadership
UIC-2210(3) Introduction to Community Advocacy
UIC-2220(3) Urban Poverty and Policy
UIC-2515(3) History of Education in Winnipeg's Inner City
UIC-3025(3) Issues in Sustainable Cities
UIC-3030(3) Urban and Community Planning

UIC 3060(3) Confronting Racism in the Inner City
UIC-3050(3) Immigration and the Inner City
UIC-3100(3) Issues in Urban and Inner-City Studies
UIC-3210(3) Community Organizing
UIC-3220(6) Community Advocacy Internship
UIC-3240(3) Poverty and the Law
UIC-3330(3) Solidarity and Social Economy in the City
UIC-3430(3) Housing and the Neighbourhood
UIC-3603(3) Winnipeg and the Environment

REQUIREMENTS FOR A CERTIFICATE IN COMMUNITY ADVOCACY

Students who take the following 24 credit hours of courses in the Urban and Inner-City Studies program, plus the 6 credit hours in Conflict Resolution Studies shown in Part B, are entitled to receive a Certificate in Community Advocacy.

Part A: Take ALL 18 credit hours of the following

UIC-2210(3) Introduction to Community Advocacy
UIC-2220(3) Urban Poverty & Policy
UIC-3240(3) Poverty and the Law
UIC-3210(3) Community Organizing
UIC-3220(6) Community Advocacy Internship

Part B: Take 6 credit hours from the following

CRS-2221 (3) Restorative Justice
CRS-2231(3) Nonviolent Social Change
CRS-2421(3) Legal Systems and Alternative Dispute Resolution
CRS-2431(3) Negotiation Theory and Practice

Part C: Take 6 credit hours from the following

UIC 1012(3) Dynamics of the Inner City

UIC-2001(3) Community Development
UIC-2020(3) Colonization and Indigenous Peoples
UIC-3020(3) Women & the Inner City
UIC-3030(3) Urban & Community Planning
UIC 3060(3) Confronting Racism in the Inner City
UIC-3050(3) Immigration & the Inner City
UIC-3100(3) Issues in Urban & Inner-City Studies
UIC-3430(3) Housing & the Neighbourhood

REQUIREMENTS FOR A MINOR IN URBAN AND INNER-CITY STUDIES

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement:	Minimum 12 credit hours in the Minor subject
Required courses:	
	UIC 1001(3) Introduction to Urban and Inner-City Studies
	Minimum 3 credit hours at 3000 or 4000 level
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

COURSE LISTINGS

Please note: Courses with asterisks (*) have prerequisites or require departmental approval.
All 4000 level honours courses require permission from the appropriate department and some may have prerequisites.

Core Courses:All students must complete a minimum of 36 credit hours from the core list.

Take the following six courses:
UIC-1001(3) Introduction to Urban and Inner-City Studies
ECON-1104(3) Introduction to Economic Theory
or
ECON-1106(3) Economics of Development
UIC-2001(3) Community Development
UIC-2020(3) Colonization and Indigenous Peoples
UIC-3001(6) Urban and Inner City Practicum*
or
UIC-3220(6) Community Advocacy Internship*
UIC-3030(3) Urban and Community Planning*

Choose at least five of the following:
UIC-1002(3) Issues in Urban and Inner-City Studies
UIC-1010(3) Indigenous Ways of Knowing
UIC 1012(3) Dynamics of the Inner City
UIC 2010(3) Metis Identity, Culture and Rights
UIC-2030(3) Management and Financial Administration for Community Leadership*
UIC-2210(3) Introduction to Community Advocacy
UIC-2220(3) Urban Poverty and Policy*
UIC-2515(3) History of Education in the Inner City
UIC 3002(3)/(6) Directed Readings
UIC-3020(3) Women and the Inner City
UIC-3025(3) Issues in Sustainable Cities*

UIC 3060(3) Confronting Racism in the Inner City
UIC-3050(3) Immigration and the Inner City
UIC-3100(3) Issues in Urban and Inner-City Studies
UIC-3210(3) Community Organizing*
UIC-3240(3) Poverty and the Law
UIC-3330(3) Solidarity and Social Economy in the City*
UIC-3430(3) Housing and the Neighbourhood
UIC-3603(3) Winnipeg and the Environment*
UIC-4001(3)/(6) Directed Readings in Urban and Inner-City Studies
UIC-4010(3) Urban Poverty*
UIC-4020(3) Inner-City Workshop*
UIC-4210(3) New Urban Worlds*
UIC-4445(3) Urban Indigenous Seminar*

Experimental courses:
UIC-3110(3) Urban Research Methods*
UIC 3230(6) Inner City Work/Study

Area Courses:
Four-year Majors and Honours students must complete a minimum of 15 credit hours from the area list:

Anthropology
ANTH-2160(3) Indigenous Peoples and the Industrial State*
ANTH-2211(3) Origins and Development of Urbanism
ANTH-4105(6) Aboriginals and Newcomers in Encounter: Selected Topics

Business and Administration
BUS-3250(3) Not-for-Profit Management *

Conflict Resolution Studies
CRS-2443(3) Conflict and Development Issues in Indigenous Communities*
CRS-3242(3) Women and Peacemaking*
CRS-4910(3) Conflict and Construction of the Other*

Criminal Justice
CJ-4105(3) Seminar in Youth and Justice*

English
ENGL-3717(6) Aboriginal Literatures*

Environmental Studies
ENV-3025(3) Issues in Sustainable Cities*
ENV-3603(3) Winnipeg and the Environment*

Geography
GEOG-2414(3) The Urban Environment*
GEOG-3413(3) Urban Revitalization*
GEOG- 4403(3) Urban Land Use Developmental Processes*
GEOG-4404(3) Field Research in Urban Geography

History
HIST-2509(6) History of Aboriginal Peoples of Canada
HIST-3121(3) Women in the Modern World
HIST-3542(6) Gender, Class and Ethnicity in Canadian History
HIST-3544(6) History of Winnipeg

HIST-3545(6) Historical Perspectives on Women in Canada
HIST-4570(3) Aboriginals and Newcomers in Encounter: Selected Topics

International Development Studies
IDS-2110(3) Participatory Local Development (formerly IDS-3110(3))*
IDS-2160(3) Indigenous Peoples and the Industrial State*
IDS-2443(3) Conflict and Development Issues in Indigenous Communities*
IDS-4920(3) Program Planning, Monitoring, and Evaluation*

Indigenous Studies
IS-1015(6) Introduction to Indigenous Studies
IS-4021(6) Pathways to Indigenous Wisdom*
IS-4022(6) Indigenous Research Methods*

Political Science
POL-2410(6) Human Rights and Civil Liberties in Canada
POL-2500(3) City Politics
POL-2505(3) Issues in City Politics
POL-3400(3) Aboriginal Politics in Canada
POL-3405(3) Aboriginal Politics in Manitoba
POL-3411(3) Aboriginal People and the Law
POL-3415(3) Aboriginal People and the Law II
POL-3510(3) Interest Groups and New Social Movements
POL-4440(6) Seminar in Aboriginal Politics*
POL-4505(6) Politics of Urban Planning*
POL-4515(6) Inner-City Seminar*
POL-4520(3) Theories of Urban Poverty

Religion and Culture
REL-2801(3) Introduction to Aboriginal Spirituality I
REL-2802(3) Aboriginal and Christian Encounters
REL-2804(3) Global Perspectives on Aboriginal Societies, Spirituality and the Environment
REL-4551(3) Religion and Social Change

Sociology
SOC-2105(6) Race, Ethnic and Aboriginal Relations*
SOC-2118(6) Sex and Gender Relationships*
SOC-2120(3) Sociology of Communities*
SOC-3113(6) Sociology of Cities and Urban Life*
SOC-3123(3) Crime, Victimization and Justice in Aboriginal Communities*
SOC-3208(3) Women: Crime and Social Justice*
SOC-4412(6) Seminar in Sociology and the Family*
SOC-4413(6) Seminar in Race and Ethnic Relations*
SOC-4414(6) Seminar in Women in Society*

Rhetoric, Writing, and Communications
RHET-3321(3) Composing Our Winnipeg: Rhetoric and/of the City*

Women's and Gender Studies
WGS-1232(6) Introduction to Women and Gender Studies
WGS-2250(3) Women of Colour in Canada*
WGS-3242(3) Women and Peacemaking*
WGS-4004(3) Feminist Cultural Studies*

Honours Course List:
Note: All honours level courses require permission of the appropriate department and some may have prerequisites.
UIC 4001(3)(6) Directed Readings in Urban and Inner-City Studies
UIC 4010 (3) Urban Poverty
UIC-4020(3) Inner-City Workshop
UIC-4210(3) New Urban Worlds
UIC 4445(3) Urban Indigenous Seminar
IS 4021(6) Pathways to Indigenous Wisdom
IS 4022(6) Indigenous Research Methods
CJ 4105(3) Seminar in Youth and Justice
HIST 4570/ ANTH 4105 (6) Aboriginals and Newcomers in Encounter: Selected Topics
CRS/IDS 4910(3) Conflict and Construction of the Other
GEOG 4403(3) Urban Land Use Developmental Processes
GEOG 4404(3) Field Research in Urban Geography
IDS/CRS 4920(3) Program Planning, Monitoring, and Evaluation
POL 4440(6) Seminar in Aboriginal Politics
POL 4505(6) Politics of Urban Planning
POL 4515(6) Inner-City Seminar
REL 4551(3) Religion and Social Change
SOC 4412(6) Seminar in Sociology and the Family
SOC 4413(6) Seminar in Race and Ethnic Relations
SOC 4414(6) Seminar in Women in Society
WGS 4004(3) Feminist Cultural Studies

Please note: Courses with asterisks (*) have prerequisites or require departmental approval.

The following is an example of a possible degree program. Students are strongly encouraged to see a UIC program academic advisor when planning their individual programs. A liberal arts education is a well-rounded education that promotes a broad understanding of the world while developing communication and critical thinking skills which are applicable to many different career paths. Given the range of options available, no two students will graduate with the same selection of courses.

Year 1:
UIC-1001(3) Introduction to Urban and Inner-City Studies
UIC-2020(3) Colonization and Indigenous Peoples (3 credit hours in designated Indigenous courses)
3 credit hours of Academic Writing Requirement
6 credit hours of Humanities
15 credit hours of electives

Year 2:
ECON-1104(3) Introduction to Economic Theory
UIC-2001(3) Community Development
UIC-2220(3) Urban Poverty and Policy
UIC-3020(3) Women and the Inner City
UIC-3210(3) Community Organizing
6 credit hours of Humanities
6 credit hours of Science Requirement
3 credit hours of electives

Year 3:
UIC-3001(6) Urban and Inner-City Practicum
UIC 3030(3) Urban and Community Planning
UIC-3240(3) Poverty and the Law
UIC-3050(3) Immigration and the Inner City
UIC-3 3430 (3) Housing and the Neighbourhood
12 credit hours of electives

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called “All course descriptions” in the “Academic Calendar” section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

WOMEN'S AND GENDER STUDIES (WGS)

Updated March 21, 2018

Chair: Associate Professor Roewan Crowe; **Faculty: Professors**: Fiona Green, Pauline Greenhill, Michelle Owen; **Associate Professors**: Angela Failler; **Assistant Professor**: Sharanpal Ruprai; **Administrative Assistant:** Nyala Ali

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor

INTRODUCTION

The University of Winnipeg offers three degree options for an interdisciplinary Major in Women's and Gender Studies: a 3-Year BA, a 4-Year BA, and an Honours BA. We also offer a Minor. The Department fosters an awareness and appreciation of the realities and diverse experiences of women, men, and transgender and two-spirit people, and develops a critical consciousness of the societal inequalities affecting people, including those based on gender, race, class, age, disability, sexual orientation, ethnicity, and religion.

The Women's and Gender Studies Department is interdisciplinary, drawing significant connections among disciplines. It is also multidisciplinary, bringing together studies of sex, gender and sexuality with analyses by specialists in various other disciplines. Directly linked with the Department of Women's and Gender Studies is the Institute for Women's and Gender Studies, a centre for art, research, and activism.

Women's and Gender Studies promotes an intersectional approach to understanding social problems and phenomena. It pays special attention to the ways sex, gender and sexuality are shaped by colonialism, racism, ageism, homophobia and transphobia, as well as by constructions of difference based on class, (dis)ability, religion, ethnicity and culture, among others. Our department brings these perspectives to the university, and represents feminism in the academy. In our classes, students learn about feminist movements to end sexism and related social oppressions. The department encourages diversity among its students, welcoming women, men and trans and two-spirit persons from all cultural backgrounds. Through our curriculum, we also offer the means to contribute to social change.

Currently, there is a demonstrated need for people with training in Women's and Gender Studies to take up work in such areas as social services, education, policy development, welfare, health care, counselling and therapy, law, media, advertising, public administration, politics, finance, management, and the arts. In addition, a Women's and Gender Studies Honours degree prepares students for graduate studies.

The Department of Women's and Gender Studies participates in the Minor in Comparative Literature. For eligible courses, please see Comparative Literature in this Calendar.

REQUIREMENTS FOR A 3-YEAR BA IN WOMEN'S AND GENDER STUDIES

ADMISSION REQUIREMENT	Students should consult with the Chair or a Women's and Gender Studies advisor in planning their programs.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 48 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum 3 credit hours from each of 5 different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 36 credit hours/Maximum 48 credit hours.
Double Major:	Minimum 36 credit hours in Women's and Gender Studies and specified number of credit hours in the other department/program.
Required courses:	**WGS-1232(6)** Introduction to Women's and Gender Studies

WGS-3301(3) Feminisms: Background and Fundamentals
WGS-3302(3) Feminisms: Current Perspectives

It is strongly recommended that students take:
WGS-3200(6) Feminist Research Methodologies Seminar.

Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Prescribed courses:
WGS-1232(6) Introduction to Women's and Gender Studies
WGS-3301(3) Feminisms: Background and Fundamentals
WGS-3302(3) Feminisms: Current Perspectives

Suggested Sequence of courses for 3-Year BA assuming 5 full courses for three years **(with WGS required courses underlined):**

Year 1 **WGS-1232(6)** Introduction to Women's and Gender Studies
6 credit hours of Academic Writing – 3 at 1000 level plus 3 at 1000 or 2000 level
12 credit hours of 1000 level Humanities courses in at least TWO different departments (of which 3 credit hours Indigenous requirement)
An additional 6 credit hours of Women's and Gender Studies courses at the 2000 level

Year 2 **WGS-3301(3)** Feminisms: Background and Fundamentals
WGS-3302(3) Feminisms: Current Perspectives
6 credit hours of University Science requirement
6 credit hours of Women's and Gender Studies courses at the 2000 level
6 credit hours of Women's and Gender Studies courses at the 3000 level
An additional 6 credit hours elective (your choice)

Year 3 **WGS 3200(6)** Feminist Research Methods Seminar
12 credit hours of Women's and Gender Studies courses at the 2000, 3000, or 4000 level
An additional 12 credit hours elective (your choice) outside WGS

REQUIREMENTS FOR A 4-YEAR BA IN WOMEN'S AND GENDER STUDIES

ADMISSION REQUIREMENT Minimum 30 credit hours completed previously.
Students should consult with the Chair or a Women's and Gender Studies advisor in planning their programs.

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Social Science: 12 credit hours in Social Science
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum 3 credit hours from each of 5 different subjects.

MAJOR REQUIREMENT
Single Major: Minimum 48 credit hours/ Maximum 66 credit hours from Women's and Gender Studies.
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.

Minimum 48 credit hours of Women's and Gender Studies courses from:
WGS-1232(6) Introduction to Women's and Gender Studies
WGS-3301(3) Feminisms: Background and Fundamentals
WGS-3302(3) Feminisms: Current Perspectives

It is also strongly recommended that students take:
WGS-3200(6) Feminist Research Methodologies Seminar

Additional Information:	Qualified students may take most 4000-level courses which require a minimum of 3.0 GPA (B) in major courses.
Combined Major:	Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.
Prescribed courses:	**WGS-1232(6)** Introduction to Women's and Gender Studies **WGS-3301(3)** Feminisms: Background and Fundamentals **WGS-3302(3)** Feminisms: Current Perspectives

Suggested Sequence of courses for 4-Year BA assuming 5 full courses for four years **(with WGS required courses underlined):**

Year 1	**WGS-1232(6)** Introduction to Women's and Gender Studies 6 credit hours of Academic Writing – 3 at 1000 level plus 3 at 1000 or 2000 level 12 credit hours of 1000 level Humanities courses in at least TWO different departments (of which 3 credit hours Indigenous requirement) An additional 6 credit hours of Women's and Gender Studies courses at the 2000 level
Year 2	**WGS-3301(3)** Feminisms: Background and Fundamentals **WGS-3302(3)** Feminisms: Current Perspectives 6 credit hours of University Science requirement 6 credit hours of Women's and Gender Studies courses at the 2000 level 6 credit hours of Women's and Gender Studies courses at the 3000 level 6 credit hours of 1000 level Social Science courses
Year 3	**WGS 3200(6)** Feminist Research Methods Seminar 12 credit hours of Women's and Gender Studies courses at the 2000, 3000, or 4000 level 6 credit hours of 1000 or 2000 level Social Science courses in a DIFFERENT department than in year two 6 credit hours elective (your choice) outside WGS
Year 4	12 credit hours of Women's and Gender Studies at the 2000, 3000, or 4000 level 18 credit hours elective (your choice) outside WGS

REQUIREMENTS FOR AN HONOURS BA IN WOMEN'S AND GENDER STUDIES

ADMISSION REQUIREMENT	Minimum 30 credit hours completed previously. Minimum GPA in Honours subject of 3.0 and minimum GPA in Non-Honours subjects of 2.5. Students should consult with the Chair or a Women's and Gender Studies advisor in planning their programs.
GRADUATION GPA REQUIREMENT	120 credit hours Continuing and graduation minimum GPA is 3.0 (B) in Honours subject courses and 2.5 (C+) in Non-Honours subject courses. The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours subject courses. The minimum 2.5 GPA (C+) in all Non-Honours courses will be calculated as for the BA General degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level.
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.
Distribution:	Minimum 3 credit hours from each of 5 different subjects.
HONOURS REQUIREMENT	
Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in Women's and Gender Studies. Minimum 18 credit hours at 4000 level in Women's and Gender Studies.
Double Honours	Minimum 36 credit hours in each Honours subject.

Minimum 36 credit hours/Maximum 78 credit hours in Women's and Gender Studies.
Minimum 15 credit hours in 4000-level Women's and Gender Studies Courses.

For the requirements of the other Honours subject, consult the department or program involved.

Required courses:

Minimum 54 credit hours of Women's and Gender Studies with at least 18 credit hours at 4000 level:

WGS-1232(6) Introduction to Women's and Gender Studies
WGS-3301(3) Feminisms: Background and Fundamentals
WGS-3302(3) Feminisms: Current Perspectives
WGS-3200(6) Feminist Research Methodologies Seminar

It is **strongly recommended** that WGS Honours students **take at least one** of the following:

WGS-4232(3) Practical Feminisms
WGS-4200(3) Advanced Feminist Theory, or
WGS-4000(9) WGS Practicum

Suggested Sequence of courses for BA Honours assuming 5 full courses for four years **(with WGS required courses underlined):**

Year 1 **WGS-1232(6)** Introduction to Women's and Gender Studies
6 credit hours of Academic Writing – 3 at 1000 level plus 3 at 1000 or 2000 level
12 credit hours of 1000 level Humanities courses in at least TWO different departments (of which 3 credit hours Indigenous requirement)
An additional 6 credit hours of Women's and Gender Studies courses at the 2000 level

Year 2 **WGS-3301(3)** Feminisms: Background and Fundamentals
WGS-3302(3) Feminisms: Current Perspectives
6 credit hours of University Science requirement
6 credit hours of Women's and Gender Studies courses at the 2000 level
6 credit hours of Women's and Gender Studies courses at the 3000 level
6 credit hours of 1000 level Social Science courses

Year 3 **WGS 3200(6)** Feminist Research Methods Seminar
6 credit hours of Women's and Gender Studies courses at the 2000 or 3000 level
6 credit hours of Women's and Gender Studies courses at the 4000 level
6 credit hours of 1000 or 2000 level Social Science courses in a DIFFERENT department than in year two
6 credit hours elective (your choice) outside WGS at 2000 level or higher

Year 4 15 credit hours of Women's and Gender Studies at 4000 level
15 credit hours of Women's and Gender Studies at 2000, 3000, or 4000 level

REQUIREMENTS FOR A MINOR IN WOMEN'S AND GENDER STUDIES

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level.
Residence Requirement:	Minimum 12 credit hours in the Minor subject.
Required Courses:	WGS-1232 (6) Introduction to Women's & Gender Studies WGS-3301 (3) Feminisms: Background and Fundamentals WGS-3302 (3) Feminisms: Current Perspectives 6 credit hours of Women's & Gender Studies courses of the student's choice
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Students are advised to consult the Women's and Gender Studies Chair and current timetable listings for information regarding courses with Women's and Gender Studies content.

UW Women's and Gender Studies accepts WGS courses from the University of Manitoba, which will be credited towards a degree at the University of Winnipeg. For further details, please see the Chair of Women's and Gender Studies.

The following WGS courses can count for the University of Winnipeg Humanities requirement.

WGS-1232(6)	Introduction to Women's and Gender Studies	WGS-2262(3)	Sex, Sexuality, Gender and Audiovisual Media
WGS-2001(3)	Gender & Folklore: A Survey	WGS-2260(3)	Girls, Women and Popular Culture
WGS-2251(3)	Gender, Race and Nation in Canada	WGS-2270(3)	Food Cultures, Sex, and Gender
WGS-2256(3)	New Media, Culture Jamming and the Third Wave	WGS-3005(3)	Gender in Fairytale Film and Cinematic Folklore
WGS-2258(3)	Boys, Men and Masculinities on Film	WGS-3040(6)	Feminist Cultural Productions

The following WGS courses can count for the University of Winnipeg Social Science requirement.

WGS-1232(6)	Introduction to Women's and Gender Studies	WGS-2251(3)	Gender, Race and Nation in Canada

WGS-2256(3)	New Media, Culture Jamming and the Third Wave
WGS-2260(3)	Girls, Women and Popular Culture
WGS-2270(3)	Food Cultures, Sex, and Gender
WGS-2416(3)	Sex. Gender, Space and Place
WGS-3003(3)	Sex, Sexuality and Science
WGS-3004(3)	Women, Health and the Environment
WGS-3020(3)	Women and the Inner City
WGS-3200(6)	Feminist Research Methodologies Seminar
WGS/BUS/POL-3321(3)	Gender and Organizations

The following WGS course can count for the University of Winnipeg Indigenous course requirement.

WGS-3001(6)	Indigenous & Anti-Racist Feminisms

COURSE LISTINGS

WGS-1232(6)	Introduction to Women's and Gender Studies
WGS-2001(3)	Gender & Folklore: A Survey
WGS-2251(3)	Gender, Race and Nation in Canada
WGS-2256(3)	New Media, Culture Jamming and the Third Wave
WGS-2258(3)	Boys, Men, and Masculinities on Film
WGS-2260(3)	Girls, Women and Popular Culture
WGS-2262(3)	Sex, Sexuality, Gender and Audiovisual Media
WGS-2270(3)	Food Cultures, Sex, and Gender
WGS/GEOG/ ENV-2416	Sex, Gender, Space and Place
WGS/ENGL-2933(6)	Survey of Women Writers
WGS 3001(6)	Indigenous & Anti-Racist Feminisms
WGS 3003(3)	Sex, Sexuality and Science
WGS/ENV-3004(3)	Women, Health and the Environment
WGS-3005(3)	Gender in Fairytale Film and Cinematic Folklore
WGS/DIS-3006(3)	Embodied Subjects
WGS/UIC-3020(3)	Women and the Inner City
WGS-3040/ 4040(6)	Feminist Cultural Production
WGS/RHET-3153(3)	Studies in the Rhetorics of Gender
WGS-3200(6)	Feminist Research Methodologies Seminar
WGS/CRS-3242(3)	Women and Peacemaking
WGS-3301(3)	Feminisms: Background and Fundamentals
WGS-3302(3)	Feminisms: Current Perspectives
WGS/BUS/POL-3321(3)	Gender and Organizations
WGS-3500(6)	Special Topics in Women's & Gender Studies
WGS-3501(3)	Special Topics in Women's & Gender Studies
WGS/HIST/IS-3523(3)	Aboriginal Women's 20th Century History
WGS-3571(3)	History of Feminism in Canada
WGS-3601/ ENGL-3901(6)	Queer Literature, Culture & Theory
WGS-3900(6)	Directed Readings
WGS-3901(3)	Directed Readings
WGS-4000(9)	Women's & Gender Studies Practicum
WGS-4004(3)	Cultural Studies and Feminism
WGS-4100(6)	Queer Studies in the Global Postmodern
WGS-4200(3)	Advanced Feminist Theory
WGS-4232(3)	Practical Feminisms
WGS-4400(6)	Advanced Topics
WGS-4401(3)	Advanced Topics
WGS-4500(6)	Honours Thesis and Colloquium
WGS-4900(6)	Directed Readings
WGS-4901(3)	Directed Readings

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in one large PDF called "All Course Descriptions" in the Academic Calendar section of the University website:
http://uwinnipeg.ca/academics/calendar/index.html

OTHER PROGRAMS

Updated May 8, 2018

1. **Professional, Applied, and Continuing Education (PACE)**
   Non-degree Programs
   a. Transfer Credit to Degree Programs
   b. Programs in PACE
2. **English Language Program**
3. **The Collegiate**
4. **Menno Simons College**
5. **Research Institutes, Centres and Chairs**
   a. Aurora Family Therapy Centre
   b. Canada Research Chairs and Chancellor's Research Chairs
   c. Business Chair of Co-operative Enterprises
   d. H. Sanford Centre for Canadian History
   e. Centre for Research in Cultural Studies
   f. Centre for Forest Interdisciplinary Research
   g. The University of Winnipeg Global College
   h. Heads Up Concussion Institute
   i. Centre for the Liberal Arts and Secular Society
   j. Oral History Centre
   k. Prairie Climate Centre
   l. The University of Winnipeg Richardson College for the Environment
   m. Centre for Rupert's Land Studies
   n. Winnipeg Institute for Theoretical Physics
   o. Institute of Urban Studies
   p. The Institute for Women's and Gender Studies
   q. The Centre for Research in Young People's Texts and Cultures
6. **Brandon University Psychiatric Nursing Program**

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1. Professional, Applied, and Continuing Education (PACE)

PACE offers applied certificate and diploma programs that enhance professional development and employment opportunities. Many of these programs are offered in a full-time intensive format, as well as, online or in-person part-time basis. PACE provides a student-centred educational experience with programs designed to grow careers and help transform lives. Many PACE students already hold an undergraduate degree; for those who don't, most PACE certificate and diploma programs ladder into degree programs.

a. Transfer Credit to Degree Programs

The following are certificate and diploma programs with degree credit articulation:

- Advanced Diploma in Early Childhood Care and Education, up to a maximum of 21 credit hours
- Educational Assistant Diploma, up to 12 credit hours
- Financial Management Diploma, up to 18 credit hours
- Human Resource Management Diploma, up to a maximum of 30 credit hours
- Introduction to University, 3 credit hours
- Management Certificate, up to a maximum of 12 credit hours
- Public Relations, Marketing & Strategic Communication Management Diploma, up to a maximum of 24 credit hours

b. Programs in PACE

Advanced Diploma in Leadership in Early Childhood Care and Education
The Advanced Diploma in Leadership in Early Childhood Care and Education is a leadership development program designed for professionals in the early childhood sector who wish to enhance their administrative abilities or to exercise a leadership role. This unique programming model anchors workplace essentials, offered through Professional Studies, to a foundational program in early childhood education, offered through the Developmental Studies degree-credit stream. This diploma program is recognized by the

Province of Manitoba Child Care Education Program Approval Committee (CCEPAC) as an accredited pathway for current ECE II's to achieve their ECE III classification. *PACE offers this program in a part-time format with evening and daytime study options.*

Applied Project Management Certificate
The Applied Project Management Certificate (APMC) program will take students through the lifecycle of a project, providing the terminology and concepts required to participate in, and lead, projects. The courses will go through the planning, cost estimates and budgeting, communication strategies for stakeholders, and monitoring and controlling projects.
The program is for individuals wanting to augment their education and gain the foundational knowledge and skills needed in project management or wanting to step into project management. This program may be taken entirely online, or through a blended learning format (some in-class, some online).

Business Systems Analyst Diploma
In all organizations, the quality of data and depth of analysis can positively or negatively impact mission-critical decisions. The role of a Business Analyst is to bridge the gap between the business needs identified in the strategic plan and available solutions. The Analyst achieves this bridge by thoroughly analyzing the business needs and processes, then designing and testing a solution. This program prepares students to identify and document business-systems requirements, conduct business and technical studies, and design, develop and implement business solutions. *This program is offered on a part-time basis (in the evening).*

Educational Assistant Diploma
Courses and workshops provide students with the knowledge and skills to work as educational assistants in the Manitoba School System. Students in the diploma program may select courses in the following areas of the program: developmental; reading, writing,language;; and behaviour. *This program is offered in both part-time and full-time formats.*

Emerging Leaders Certificate
Exemplary leadership knowledge, skills and capabilities are essential to maximizing individual, team, and organizational performance. This evolving work and organizational reality calls for leadership that is relational (empowering, inclusive, collaborative), integrative, and adaptive. The Emerging Leaders Certificate is designed for individuals who aspire to become a leader, are transitioning into a new leadership role, or wish to further build their skills and strengths by updating their capabilities as a leader to make a difference and meet today's challenges. It is a comprehensive, systematic approach to developing oneself as an effective leader at the personal, interpersonal, and team/organizational levels. This program delivers a flexible, interactive, online approach to leadership development. Through the use of up to date research and readings, self-assessments, guided learning activities, and real world practice, students will develop their leadership skills. Students will gain exposure to practical tools, strategies and best practices for being an effective leader and meeting their leadership challenges.

Financial Management Diploma
The Financial Management Diploma provides students with essential financial and managerial knowledge and skills required for a wide variety of positions in the accounting and financial industry. Sustainable business approaches within a comprehensive financial framework develops individuals to solve complex business problems and improve organizational performance in an ever-changing business environment. The Financial Management Diploma is offered in a full time format.

Higher Education Teaching Certificate
This program will prepare students for teaching responsibilities they may undertake during and/or post-degree. It is intended to be an introduction to the teaching culture of Academia. It will also be useful for undergraduate students enrolled in Honors programs, and others for whom communication and presentation skills are important.

Human Resource Management Diploma
This award winning and HRMAM accredited progam distinguishes itself from other academic competitors by layering traditional elements of human resource management with a heavy emphasis on leadership, concrete business tools, and effective communication tools.The full-time program aligns its content to industry-recognized standards and best professional practice, It also includes a one month internship.. Further, students will have the opportunity to obtain their WHMIS certification through the Managing Occupational Health, Safety, and Environment course. Graduates of this program will attain both a Human Resource Management Diploma and a Management Certificate and upon graduate become eligible for their CPHR certification.

Information Assurance and Security Certificate
Demand for technical security and information assurance professionals has risen dramatically in recent years due to changes to Canada's privacy laws, as well as the need to protect and certify data in light of increased attacks by worms, and electronic virus and spy-ware usage. This four-course series is key to understanding information assurance issues and methodology. Participants learn a comprehensive definition of "Information Assurance," how data is verified and encrypted, and what safeguards should be taken. Proper incident response to an attack or security breach will also be covered in this program. *This program is offered on a part-time basis (online).*

Introduction to University
This course is designed to familiarize students with the nature and demands of university study and help prepare them for the year ahead. Students will develop and practice study and time management skills, note-taking, essay writing, internet/library research skills, and strategies for exam preparation. Presented in a manner that parallels a typical university course, Introduction to University provides an ideal opportunity to give university a try and discover what it takes to succeed! Students who successfully complete this course with a C+ or better may transfer 3 credit hours to a UW degree program. *There are many sections to choose from during the day and in the evening.*

Management Certificate
The PACE Management Certificate is a leadership program designed for business professionals seeking to enhance their careers. Students explore current business topics and trends using case analysis methodology to develop the skills needed to compete in

today's job market. The program emphasizes skills such as leading and motivating employees, communication and problem-solving. *PACE offers the Management Certificate in a part-time format with evening, online and daytime options.*

Marketing Management Diploma
The PACE Marketing Management Diploma prepares students to work in a marketing capacity. Students acquire the theoretical foundations along with the marketing tools, systems and strategies that will make them an asset to any organization. Today's global marketplace is increasingly complicated by converging markets and rapid technological change. To gain superior competitive advantage, market-driven organizations must define their distinctive capabilities, focus on creating customer value, and integrate their marketing strategy across the overall business operation. *PACE offers the Marketing Management Diploma in a full-time format only and includes a 4 week internship placement.*

Network Security Certificate
This certificate is offered in partnership with Manitoba Institute of Trades and Technology (MITT). MITT brings a wealth of knowledge to our students with state-of-the-art CISCO labs and integrated hands-on approach to learning. This certificate provides a balanced training approach between hands-on practical experience with the theoretical and conceptual nature of IT security. Graduates will have an in-depth knowledge of various protocols, network standards and designs. *This program is offered on a part-time basis.*

Network Security Diploma
Students in the Network Security Diploma will acquire the IT security skills to help mitigate threats to organizations and gain marketable skills in this emerging employment sector. The Network Security Diploma is a joint programming initiative between the University of Winnipeg and Manitoba Institute of Trades and Technology (MITT). This diploma blends hands-on learning with the theoretical elements of IT security. Graduates will have an in-depth knowledge of, and training in various protocols, network standards, designs and security solutions. This program actively integrates the dynamics of MITT's Regional CISCO Academy with the University's cryptography and security schematics. Graduates will receive the Network Security Diploma and the Management Certificate. *This program is offered on a full-time basis over a 14-month period.*

Project Management Diploma
The PACE Project Management Diploma provides an analytical framework coupled with essential project management tools for budgeting, procuring, scoping, modeling, measuring, and reporting for a broad business application. Given the challenges facing business today, organizations are better positioned to thrive by hiring talent that can drive the business solution process and strengthen growth opportunities. PACE aligns this program with the knowledge requirements of the PMP designation process and industry-recognized standards for best professional practice. *This program is offered on a full-time basis over a 12-month period*

Professional Edge Seminars
Professional Edge Seminars focus on current and emerging business issues and provide the collaborative environment to explore innovative and creative solutions. The tightly focused format of a one or two-day seminar, minimizes time out of the office and provides new tools and techniques that benefit the entire organization. Led by industry experts, our seminars offer a selection of practical ideas and solutions. From Train the Trainer to Transformational Leadership, reinvigorate yourself with a PACE Professional Edge seminar.

Public Relations, Marketing and Strategic Communications Management Diploma
This program will prepare students to work as a public relations practitioner in a corporate or not-for-profit environment. The courses provide a broad foundation of PR and marketing-specific knowledge and skills, with an emphasis on best practices, and current and emerging issues. The PR sector is an area of high growth with considerable opportunity for employment. With the emergence of social media, organizations are increasingly focusing on the "wired" side of business and public relations practitioners lead these initiatives. *PACE now offers the Public Relations, Marketing and Strategic Communications Management Diploma in only a full-time format and includes a 4 week internship placement*

Web Development Diploma
The full-time Web Development diploma program exposes students to a wide variety of web programming technologies (including HTML, CSS, JavaScript, Photoshop, etc.) and provides a specialization in the PHP programming language. The program curriculum includes essentials elements such as project management, business writing, web security, information architecture, and network administration to round out the students' skill set. *The program culminates in a comprehensive e-commerce capstone project followed by a 4 week internship placement.*

55 Plus Program
For over 30 years the 55 Plus Program has offered an assortment of non-degree courses from the humanities, social sciences, and sciences featuring UW faculty members as well as community experts. There is plenty of material to stimulate the imagination and intellect but no tests, exams or assignments. Students find this program an ideal way to remain mentally active and on the leading edge of current affairs. *Courses are offered during the day.*

NOTE: For more information on any of the above programs, please visit the Professional, Applied, and Continuing Education website at **PACE.Uwinnipeg.ca**.

2. English Language Program

The University of Winnipeg's English Language Program (ELP) offers a variety of programs: Academic and General English, Short-Term Intensive English, Canadian Workplace Experience, EAL Teacher Certificate, and Customized Programs.
ELP is accredited by Languages Canada, as well as being an authorized CanTEST (Canadian Test of English for Scholars and Trainees) test centre, and an IELTS test venue. Please see our website at https://www.uwinnipeg.ca/elp/ for the language test schedule.

For additional information, please contact us at infoelp@uwinnipeg.ca or 204.982.1703 or visit our website at https://www.uwinnipeg.ca/elp/.

Full-Time English Language Program

In this 14 week program, students choose to concentrate on Academic or General communication skills. For those in the early stages of proficiency, Foundations courses are available to ensure that students are adequately prepared for the Academic and General classes.

i. Foundations Stream
Beginning and mid-intermediate students study speaking, listening, writing and reading as integrated skills in the Foundations classes. There is a strong emphasis on oral communication, vocabulary acquisition and grammatical development. Reading and writing competencies are strengthened in complementary courses. This stream prepares students for the Academic/Pathway or General streams.

ii. General Stream
High-intermediate and low-advanced students advance their English language skills for personal and professional purposes, and targets the language areas of reading and writing, while emphasizing listening and speaking. Students participate in a variety of seminars such as vocabulary, TOEFL and IELTS preparation, reading, writing, conversation, and pronunciation.

iii. Academic/Pathway Stream
High intermediate to advanced students advance their English language skills to prepare them to enter Canadian universities, colleges, and high schools, and targets all four language areas: listening, speaking, with an emphasis on reading and writing. Students will improve their ability to read academic materials, write essays, take notes, listen to lectures, and give presentations — skills they need to be successful in a Canadian university.

Students that complete the highest level of this stream will meet the English Language Proficiency Requirement for admission to The University of Winnipeg's undergraduate degree programs and select graduate and professional programs. Students also earn 6 university credit hours that can be applied to further study at The University of Winnipeg's: 3 credit hours from the department of the first year degree credit course and 3 unallocated credit hours.

For additional information, please contact us at infoelp@uwinnipeg.ca or 204.982.1703 or visit our website at https://www.uwinnipeg.ca/elp/elp/full-time-programs.html.

Short-Term Intensive Program

In this 4-5 week program, students will have a short, intensive English language learning experience to help advance their educational or career goals. Students' communication development will be accelerated through classes that target all four language areas listening, speaking, reading, and writing, with conversation classes to build vocabulary, and a variety of cultural and academic workshops that improve speaking ability.

For additional information, please contact us at infoelp@uwinnipeg.ca or 204.982.1703 or visit our website at https://www.uwinnipeg.ca/elp/.

Canadian Workplace Experience Program

In this 7 week program, students will experience 4 weeks of English language study in the classroom followed by a 3 week volunteer placement, giving students the opportunity to speak English in a Canadian work environment. Placements types include architecture firms, museums, libraries, radio stations, youth centres, athletic facilities, art galleries, health care facilities, restaurants, retail stores, and non-profit businesses. Students participate in after-class socio-cultural activities to practice their informal English skills. The recommended language levels for admission are TOEFL: iBT 61, IELTS: 5.5 overall, TOEIC: 800, or equivalent ELP program score.

For additional information, please contact us at infoelp@uwinnipeg.ca or at 204.982.1703 or visit our website at https://www.uwinnipeg.ca/elp/elp/canadian-work-experience.html.

English as an Additional Language Teacher Certificate Program (EALTCP)

This program certifies students to teach English as an Additional Language (EAL) to adults in Canada and overseas, and is fully accredited by TESL Canada. Students register in full-time (in-class) or part-time (in-class or online) studies to complete 120 hours of TESL theory and methodology, 10 hours of observation in a Canadian ESL classroom, and 10 hours of teaching in a supervised practicum in Canada.

Graduates who hold a degree from an accredited university are eligible for Professional Certificate Standard One. For more information about this accreditation, please visit the TESL Canada website at https://www.tesl.ca/.
Applicants whose first language is not English and are not from an English requirement-exempt country, must provide supporting documentation to show they meet the language requirements for admission to The University of Winnipeg. For more information on language requirements for admission, visit https://www.uwinnipeg.ca/future-student/international/lang-req.html.

For additional information, please contact us at infoealtcp@uwinnipeg.ca or 204.982.1816 or visit our website at https://www.uwinnipeg.ca/elp/ealtcp/index.html.

Part-Time Program

Students who are permanent residents, Canadian citizens, refugee claimants, temporary foreign workers, visitors and international students will strengthen their general, professional or academic English language skills in part-time or online courses. Courses offerings include:

i. English for General Purposes Part I and II
Beginner students study reading, writing, speaking and listening skills for everyday communication through in class and online exercises. Students with the appropriate language level may Part II directly. The recommended language levels for course admission are CLB Level 1-4, IELTS 4.5 and under, and CanTest 2.5 and under.

ii. English for Intermediate Communication Part I and II
Intermediate students study reading, writing, speaking and listening skills for academic and workplace contexts through in-class and online exercises. Students with the appropriate language level may enter Part II directly. Students who complete English for Intermediate Communication II with a minimum grade of 80% to be eligible for English for Academic or Professionals Purpose courses. The recommended language levels for course admission are CLB Level 5/6, IELTS 5.0/5.5, and CanTest: 3.0/3.5.

iii. English for Academic Learning and Speaking
Advanced students study English language and academic preparation skills needed in university or college through in-class and online exercises. Students that complete this course with a minimum grade of C+ receive 3 credits towards an undergraduate degree. The recommended language levels for course admission are CLB Level 7, IELTS 6.0, and CanTest: 4.0.

iv. English for Business Professionals
Advanced students who are internationally educated business professionals study communication skills required for the professional workplace through in-class and online exercises. The recommended language levels for course admission are CLB Level 7, IELTS 6.0, and CanTest: 4.0.

v. English for Internationally Educated Teachers
Advanced students who are internationally educated teachers study communication skills for work in the public or private school system in Manitoba. This course is offered in class and online. The recommended language levels for course admission are CLB Level 7, IELTS 6.0, and CanTest: 4.0.

vi. English for Academic Writing Part I and II
Advanced students study academic writing skills necessary for university or college. This course is offered in-class and online. Part I must be completed before Part II. Students who complete Part I and II with a minimum grade of C+ meet the English Language Proficiency Requirement for admission to The University of Winnipeg's undergraduate degree programs and select graduate and professional programs. For more information on language requirements for admission, visit https://www.uwinnipeg.ca/future-student/international/lang-req.html. The recommended language levels for course admission are CLB Level 7, IELTS 6.0, and CanTest: 4.0.

For additional information, please contact us at t.caryk@uwinnipeg.ca or 204.982.6636 or visit our website https://www.uwinnipeg.ca/elp/elp/part-time-program.html.

3. The Collegiate

The Collegiate offers Grades 9, 10, 11 and 12 of the Manitoba High School curriculum. UWinnipeg students may apply for concurrent studies, taking a partial first-year Arts and Science program while completing the high school subjects necessary to meet Regular Status admission requirements at The University of Winnipeg. The Collegiate's programs are published separately and may be obtained from The Collegiate Office, Room1W02, Wesley Hall (786-9221) or http://www.uwinnipeg.ca/collegiate/.

4. Menno Simons College

Overview
Menno Simons College (MSC) is a learning community rooted in the Anabaptist-Mennonite tradition. MSC educates students for the challenges of addressing conflict, inequality and poverty.

The faculty is committed to excellence in teaching, research and service through programs in Conflict Resolution Studies and International Development Studies. Grounded in a particular Christian tradition, MSC welcomes students from all backgrounds and serves as a meeting place where diverse communities gather to address critical local and international issues in a spirit of appreciation for different perspectives.

Programs of Study
MSC coordinates two programs that are fully integrated into The University of Winnipeg curriculum: Conflict Resolution Studies and International Development Studies. Students can choose a 3-Year or 4-Year major in either area, or take Conflict Resolution and International Development courses as electives or minors along with other University of Winnipeg programs (see program descriptions in this Calendar).

The two majors prepare students for involvement in developing regions and conflict situations in community, organizational and international settings. The flexibility of these programs allows for double majors, and students are strongly encouraged to combine one of these majors with another discipline.

Features of MSC Programs

- Conflict Resolution Studies and International Development Studies include supervised field experiences, involving students in local and international projects.
- Financial assistance is available for a limited number of international placements.
- Small class sizes are maintained for optimum learning environments.
- A variety of special scholarships are available to CRS and IDS majors.
- The faculty consists of 8 full-time and a variety of part-time instructors, chosen on the basis of their specialized expertise and applied experience.
- Specialized academic advising is available for CRS and IDS majors.
- Services that complement the academic programs and enhance the university experience, such as resource lists, community lunch events, a student association, and career exposure activities, are offered.

Organizational Information

Menno Simons College offered its first courses in affiliation with The University of Winnipeg in 1989 and has grown substantially since that time. Bachelor of Arts degrees with a major in Conflict Resolution Studies and/or International Development Studies are granted by The University of Winnipeg.

Students register for Menno Simons College courses/majors through The University of Winnipeg.

Menno Simons College is also a College of Canadian Mennonite University, a degree-granting institution located in Winnipeg. Procedures are in place to enable CMU students to register for courses at The University of Winnipeg and enjoy the benefits of libraries at both universities.

Additional courses in CRS and IDS are available through Canadian Mennonite University.

Faculty

The College has an interdisciplinary faculty with backgrounds in anthropology, conflict resolution, economics, geography, history, peace studies, politics, psychology, rural studies, and sociology. (A complete listing of faculty is contained in General Information.)

Administration

Vice President Academic: Jonathan Dueck, PhD
Associate Dean (CRS & IDS Coordinator): Neil Funk-Unrau, PhD
Administrative Coordinator: James Cheng, BA
For more information contact:
Menno Simons College, 102-520 Portage Ave, Winnipeg, MB R3C 0G2
Tel. 204-953-3855, Fax 204-783-3699, Website: www.mscollege.ca

5. Research Institutes, Centres and Chairs

a. Aurora Family Therapy Centre

Aurora Family Therapy Centre is a United Way of Winnipeg Agency Partner located on The University of Winnipeg campus where students in the Masters of Marriage and Family Therapy Program complete the majority of their supervised clinical practice. Aurora offers therapy to families, couples and individuals from the general community on a sliding scale, seeking to promote interpersonal and personal well-being in clients, while nurturing the development of well-informed family therapists who will care for families and promote hope, caring and creativity wherever they serve. Aurora staff and therapists also see hundreds of people each week in our Newcomer Community Development Program and have special programming for families of murdered and missing loved ones. For more information on the centre, please visit http://www.aurorafamilytherapy.com.

b. Canada Research Chairs and Chancellor's Research Chairs

The Canada Research Chairs program stands at the centre of a national strategy to make Canada one of the world's top countries for research and development. Chairholders aim to achieve research excellence in natural sciences, engineering, health sciences, humanities, and social sciences. The University of Winnipeg continues to seek outstanding leaders who will create new synergies among researchers and across traditional disciplinary boundaries, and who push for innovation and research excellence. Currently, The University of Winnipeg has an allocation of seven Canada Research Chairs, including

Dr. Ryan Bullock, Canada Research Chair in Human-Environment Interactions (awarded 2017);
Dr. Angela Failler, Canada Research Chair in Culture and Public Memory (awarded 2016);
Dr. Jeffrey Martin, Canada Research Chair in Fundamental Symmetries in Subatomic Physics (awarded 2011);
Dr. Christopher Wiebe, Canada Research Chair in Quantum Materials Discovery (awarded 2012, renewed 2017); and
Dr. Charles Wong, Canada Research Chair in Ecotoxicology (awarded 2008, renewed 2013)

Past Canada Research Chairs:
Dr. Jennifer Brown, Canada Research Chair in Aboriginal Peoples and Histories (2004-2011);
Dr. Tom Carter, Canada Research Chair in Urban Change and Adaptation (2003-2010);
Dr. Evelyn Peters, Canada Research Chair in Inner-City Issues, Community Learning and Engagement (2010-2017);
Dr. Mavis Reimer, Canada Research Chair in the Culture of Childhood (awarded 2005-2015);
Dr. Dawn Sutherland, Canada Research Chair in Science Education in Cultural Contexts (awarded 2006-2016); and
Dr. Jacques Tardif, Canada Research Chair in Dendrochronology (2002-2012)

The University of Winnipeg Chancellor's Research Chair is intended to encourage and sustain a high level of scholarly activity by faculty who have made, and will continue to make, exceptional contributions to research in their field. There are currently three University of Winnipeg Chancellor's Research Chairs:
Dr. Kevin Walby, Department of Criminal Justice (awarded 2015);
Dr. Renée Douville, Department of Biology (awarded 2016); and
Dr. Delia Gavrus, Department of History (awarded 2017).

Past University of Winnipeg Chancellor's Research Chairs:
Dr. Craig Willis, Department of Biology (2011-14); and
Dr. Angela Failler, Department of Women's and Gender Studies (2012-2015);
Dr. Melanie Martin, Department of Physics (2013-2016); and
Dr. Bruno Silvestre, Department of Business and Administration (2014-2016)

c. Business Chair of Co-operative Enterprises

The Business Chair of Co-operative Enterprises advances the education and research into co-operatives and credit unions. Established in 2013 with the support of the provincial government, co-operatives, credit unions, and community development groups the Business Chair of Co-operative Enterprises promotes the social and economic role of co-operative businesses. The Business Chair of Co-operative Enterprises is part of the Faculty of Business and Economics and The University of Winnipeg.

d. Sanford Riley Centre for Canadian History

The Riley Centre brings together into one location associations and organizations committed to researching the history of Canada. All the groups involved strive to share their knowledge of Canadian history with other groups, academic colleagues, as well as community and high school audiences. Located in Bryce Hall, the centre is named after former University Chancellor H. Sanford Riley in recognition of his many contributions to the centre and his long standing, active interest in Canadian history. For further details, please visit https://www.uwinnipeg.ca/riley-centre/index.html

e. Centre for Research in Cultural Studies (CRiCS)

Cultural Studies engages with pressing issues of local and global consequence and is at the forefront of developing critical understandings of the social and political dynamics of contemporary culture, including forms of conflict and reconciliation. Established in 2017, the Centre for Research in Cultural Studies (CRiCS) enhances UWinnipeg's ability to highlight these engagements and functions as a hub for interdisciplinary collaboration between students, faculty, and community research partners.

CRiCS increases research capacity on campus by providing a context for developing methods and tools for Cultural Studies research, supporting the program of the Canada Research Chair in Culture and Public Memory, and connecting student Research Assistants, Research Associates, Visiting Scholars, and Postdoctoral Fellows to the projects of the Centre. CRiCS aims to build sustainable, socially relevant research programs and raise the national and international profile of UW as an outstanding place to do Cultural Studies research.

The Centre features:

- A Collaborative Research and Knowledge Mobilization Lab used for workshops, cultural production, curatorial design and display, other forms of research creation, in-person meetings, and teleconferencing
- A connected workspace for Research Assistants
- A shared office for the Centre's Research Coordinator
- An office space for the Centre Director
- A resource room
- An interview and data storage room
- An office space for visiting scholars and postdoctoral fellows

For more information, find us here: https://www.uwinnipeg.ca/crics/

f. Centre for Forest Interdisciplinary Research (C-FIR)

C-FIR is a research centre at The University of Winnipeg dedicated to the development of interdisciplinary research, education, and training in the areas of forestry, forest ecosystems, forest values and the human uses of forests. The intent is to assist all forest stakeholders to reach the goals of ecosystems-based forest management. C-FIR focuses on understanding the evolution of today's forests, the current conditions of the region's forests, the values of the public and special interest stakeholders for the forest, and using past and present information to assist in understanding future changes and impacts to the region's forests.

g. The University of Winnipeg Global College

The University of Winnipeg Global College fosters global citizenship and engagement in human rights through interdisciplinary teaching, research, dialogue, and action in local and global communities. The college coordinates a BA in Human Rights and an MA in Peace and Conflict Studies (joint program with the University of Manitoba). These programs combine classroom study with opportunities for experiential learning in practicum placements and field courses in Canada and around the world.

Faculty members drawn from throughout the university lead the Global College institutes that enhance interdisciplinary research and collaboration with civil society partner organizations. Student engagement is facilitated through the Global College Student Advisory Council, which organizes a wide range of activities each year.

For more information on the breadth of interdisciplinary academic and community learning opportunities at Global College, please visit http://globalcollege.uwinnipeg.ca

h. Heads Up Concussion Institute

The Heads Up Concussion Institute was established in June 2012 and is sponsored by The University of Winnipeg. It is housed within the Gupta Faculty of Kinesiology and Applied Health. The purpose is to provide optimal prevention, education, monitoring, treatment and research of concussions.

The institute fosters leading edge research in the area of concussion in sport. It also organizes awareness and education programs and hosts events, often in collaboration with the medical and sports communities. Testing, consultation and referral services are offered to those suffering from concussion symptoms. In doing its work, the institute draws upon the resources at the University of Winnipeg including faculty members from Kinesiology; Biology; Sociology and Psychology departments among others as well as the Athletic Therapy program, the Athletic Therapy Clinic and the Health and Wellness Centre.

i. Centre for the Liberal Arts and Secular Society (CLASS)

This research institute comprises University of Winnipeg faculty and students engaged in interdisciplinary research concerning secularism and secularization within the liberal arts. The purpose of the centre is to engage in research focused on issues of the liberal arts in secular society. While traditional views on secularism and secularization have focused on the decline of religious adherence and a differentiation between spheres—most typically, the public (areligious) versus the private—interdisciplinary scholarship in the last decade has emerged that suggests that the secular is not simply a neutral, areligious space.

j. Oral History Centre

The Oral History Centre at The University of Winnipeg is a national leader and global innovator in developing excellence in oral history teaching, research and collaborative community development. Under the leadership ofNolan Reilly (director emeritus) and Alexander Freund (director) and Janis Thiessen (Associate Director), the Oral History Centre promotes oral history as a means of democratizing history and thus of working towards social justice and human rights in a globalizing world.

Established in 2012 through approval by the University of Winnipeg Senate and the University of Winnipeg Board of Regents, the OHC serves as a hub for University of Winnipeg faculty and students and Manitoba's diverse communities to collaboratively learn about the practice and theory of oral history, to work together on projects and to develop new ways of using oral history to improve the quality of life for diverse communities. Located in Bryce Hall, the OHC is an innovative and dynamic component of the University's H. Sanford Riley Centre for Canadian History. The Oral History Centre...

- provides the opportunity for students, academics, researchers, archivists, and community members to become members of the OHC.
- provides resources such as professional oral history training, equipment, studios, lab workstations and technical support for oral history projects.
- promotes analysis and integration of oral history into academic research and teaching, public policy, art, and creative community development.
- serves as a virtual and real meeting place for oral historians from the community and around the world.
- offers a program of local and international conferences, lecture series, workshops, and other events.
- develops innovative digital audio and video tools for oral history research, archiving, and dissemination.

The Oral History Centre supports the University's vision and priorities of accessibility, community outreach, and capacity building. It strengthens the University's research capacities and moves research, teaching, and community building forward through university-community and interdisciplinary collaboration. For more information on the Oral History Centre, please visit www.oralhistorycentre.ca.

k. Prairie Climate Centre

The Prairie Climate Centre (PCC; prairieclimatecentre.ca) is a collaboration of the University of Winnipeg and the International Institute for Sustainable Development (IISD). Established in 2016, the centre supports regionally-focused research, communication strategies, and policy development related to climate change adaptation and mitigation. By merging climate science, multi-media communication, and outreach strategies, the PCC aims to turn 'knowledge into action' that will help society turn 'risk into resilience'. The flagship product of the centre is its online Climate Atlas (climateatlas.ca); it delivers state-of-the-art climate projection data to inform scientific understanding and policy development, raise awareness about the urgent need to reduce greenhouse gas emissions, and to facilitate the development of appropriate and informed adaptation strategies.

l. The University of Winnipeg Richardson College for the Environment

The Richardson College for the Environment is where people from a wide variety of backgrounds and areas of expertise come together to address some of our most pressing environmental issues. Located on the third floor of the Richardson College for the Environment and Science Complex, it is home to a diverse collection of people, offices and interests, including the Institute of Urban Studies, the Department of Indigenous Studies, the CN Indigenous Resource Centre, the Campus Sustainability Office, the CISCO Innovation Centre, and associates of the Master's in Development Practice program. It also has a strong affiliation with the Prairie Climate Centre, which is a collaboration between the University of Winnipeg and the International Institute for Sustainable Development. Conceptually, the College is a place where people located in or associated with the College work together, and with others within the University and beyond, to assess some of our most pressing environmental issues, especially those related to the key issues of climate change, urban environments, water resources, indigenous development, and the North. Since these issues have many points of intersection, the interdisciplinary approach of the College is perfectly suited to the development of the conversations, collaborations, policies and solutions that are so desperately

needed to address our environmental problems, locally and globally. The College is a frequent host or sponsor for special events and lectures related to its key issues.

m. Centre for Rupert's Land Studies (CRLS)

The Centre for Rupert's Land Studies is unique in its focus on Rupert's Land, the vast Hudson Bay watershed region claimed by the Hudson's Bay Company from 1670 to 1870, and its borderlands. We foster interdisciplinary research and conversation among all who share an interest in the history and peoples of the Hudson Bay watershed, with particular emphasis on Indigenous and fur trade history and the immense resources of the Hudson's Bay Company Archives, nearby. Since 1984, the Centre has been a nexus for sharing information, new research, and perspectives through three major means:

- Biennial Colloquiums---informal conferences that have met in a wide range of settings linked to Indigenous people and the fur trade.
- Publication of monographs, Colloquium proceedings, and Indigenous oral history materials, for example, the stories of Louis Bird at www.ourvoices.ca. The Rupert's Land Record Society series of documentary volumes, co-published with McGill-Queen's University Press, offers carefully researched original source materials for scholars, students, and communities. Subscribing members receive our biannual Rupert's Land Newsletter.
- Research assistance and networking, linking CRLS members and others across North America and abroad who have common interests and questions. We also maintain a roster of locally available assistants qualified to help with archival and other research.

The Centre offers annually the C. Richard Harington Fellowship to a student pursuing advanced studies in its areas of interest. It is also home to a small research facility and to the Elizabeth B. Losey Fur Trade Library of about 1000 works, many of them rare and out of print, and other resources.
For more information visit: http://uwwebpro.uwinnipeg.ca/academic/ic/rupert/index.html

n. Winnipeg Institute for Theoretical Physics

The Winnipeg Institute for Theoretical Physics is a formal Institute of both The University of Winnipeg and the University of Manitoba. It was created to support theoretical physics research in Manitoba. It has carried out this mandate by encouraging collaboration between members of the Institute, by financially supporting expert seminars in the research areas of concern, and by financially supporting the long term visits of internationally respected scientists to the Institute to facilitate collaboration between these scientists and Institute members. The permanent members of the Institute include all theorists in the Physics Departments at The University of Winnipeg and The University of Manitoba, as well as theorists from Brandon University.

o. Institute of Urban Studies (IUS)

The Institute of Urban Studies is an independent research department within the University of Winnipeg. Since 1969 the IUS has been both an academic and applied research centre committed to exploring urban issues in a broad, non-partisan manner. The Institute focuses on inner-city, environmental, Indigenous, and urban development issues and frequently partners with government, the private sector, and community-based organizations. Since 1992, the IUS has produced *The Canadian Journal of Urban Research*, a free multidisciplinary scholarly journal dedicated to publishing articles addressing a wide range of issues relevant to urban studies. Its mandate also includes working with local communities and mentoring new scholars. The IUS has worked with hundreds of students, community leaders, and scholars to produce more than 450 research reports, books, and other publications. This collection of historic and contemporary work is now available digitally on the Institute's website (http://www.uwinnipeg.ca/ius/). To further assist students, faculty, and community members engaged in urban research, the Institute also operates a lending library located, with our offices, on the 3rd floor of Richardson College for the Environment at 599 Portage Avenue.

p. The Institute for Women's and Gender Studies

Supported by funding from the Margaret Laurence Endowment for Women's Studies, the Institute for Women's and Gender Studies (IWGS) was created with a mandate to strengthen and facilitate the development of Women's and Gender Studies (WGS) in the University and the community. IWGS is housed in the Department of Women's and Gender Studies and extends the work of the department through support to collaborative feminist work, scholarly research, art, activism, and student engagement. The Institute, structured as a collective, fosters feminist pedagogy, community education and programming, collaborative research, artistic production, and scholarship which: furthers an understanding of women and gender; works toward understanding and eliminating sexism, racism, classism, colonization, discrimination, and social inequalities; and develops the creative and transformative potential of the university, community, and society. Educational programming may include: feminist speakers and events; documentary and film screenings and discussions; and various workshops and co-sponsorships of feminist activities. IWGS is committed to social justice for all peoples, deepening feminist knowledges and dialogue, and engaging in feminist praxis.
For more information, please email iwgs@uwinnipeg.ca and visit http://uwinnipeg.ca/wgs/index.html.

q. The Centre for Research in Young People's Texts and Cultures

The Centre for Research in Young Peoples Texts and Cultures (CRYTC) supports scholarly inquiry into literary, media, and other cultural texts for children and youth. The Centre provides a focus for research in the field at the University of Winnipeg, houses the journal *Jeunesse: Young People, Texts, Cultures,* facilitates the development and management of collaborative national and international research projects, hosts visiting speakers and researchers, and maintains links with other research centres in children's studies internationally. CRYTC was established by the University of Winnipeg in 2006, in order to recognize, organize, and extend the expertise in the study of texts for children and youth that had developed at the University, principally through the Department of English, over more than thirty years. Today, the Centre houses the office of the Director of CRYTC and an office for the Research Coordinator and the Managing Editor for *Jeunesse*. CRYTC also shares a Knowledge Mobilization Lab and work stations for visiting researchers and research assistants with the Centre for Research in Cultural Studies (CRiCS). For more information, please visit http://crytc.uwinnipeg.ca.

6. Brandon University Psychiatric Nursing Program

The Faculty of Health Studies, Brandon University, offers a 4 year Bachelor of Science in Psychiatric Nursing (BScPN) program both in Brandon and at an off-campus site located in the lower level of the Rice Financial Centre at 491 Portage Ave., Winnipeg. The Winnipeg site operates in collaboration with the University of Winnipeg. The program combines 124 credit hours of psychiatric nursing education with studies in Arts, Science and Humanities. Brandon University Psychiatric Nursing (69) courses are offered by a combination of on-site and distance delivery methods. Graduates of the program are eligible to write the qualifying examination for licensure as a Registered Psychiatric Nurse (R.P.N.) with the College of Registered Psychiatric Nurses of Manitoba. Specific BScPN program details are available on the Faculty of Health Studies link at *www.brandonu.ca.*

Please contact the BScPN Student Advisors at 204-727-7403, demas@brandonu.ca (Brandon site) or 204-772-0377, ext. 884, gessellm@brandonu.ca (Winnipeg site) for more information.

NOTE: Students are admitted into a Pre-Psychiatric Nursing year through Brandon University. Upon successful completion of the required Pre-Psychiatric Nursing courses, students can apply and will be considered for acceptance into the BScPN program. Enrolment into the BScPN program is limited. GPA in the Pre-Psychiatric Nursing courses will be the primary criterion for admission.

Admission Process for Pre-Psychiatric Nursing

Applications will be accepted from students who meet the Brandon University admission requirements. Although not required, the following Grade 12 High School subjects are highly recommended: English, Math (Pre-Calculus or Applied) and Science (Biology 40S) for admission into the Pre-Psychiatric Nursing year. Although only recommended for admission, these courses are prerequisites for certain Pre-Psychiatric Nursing courses as well. Also, enrolments for Pre-Psychiatric Nursing courses are constrained by enrolment caps. In some cases, Pre-Psychiatric Nursing requirements may need to be completed over two years.

Applications to the Pre-Psychiatric Nursing year must be made through Brandon University. Admission information and BU undergraduate applications are available from the Brandon University website at www.brandonu.ca or by contacting the Admissions Office at 204-727-9784. The completed application form and required documentation should be forwarded to the Admissions Office as early as possible. The deadline for applying to the Pre- Psychiatric Nursing off-campus site in Winnipeg is June 14th.

Students accepted into the Pre-Psychiatric Nursing year will have visiting status at the University of Winnipeg and will be required to attend a required registration/orientation session held at the off–campus site in Winnipeg. Students will receive a letter from the Faculty of Health Studies with details regarding the sessions.

Pre-Psychiatric Nursing

Pre-Psychiatric Nursing requirements include both University of Winnipeg and Brandon University courses as specified below for students being considered for entry into Year 2 of the BScPN program. A grade of C or better must be achieved in each course.

University of Winnipeg

*BIOL-1112(6) Human Anatomy and Physiology
*PSYC-1000(6 Introductory Psychology
*PSYC-2101(3) Introduction to Data Analysis OR STAT-1501(3) Elementary Biological Statistics I OR SOC-2125(3) Introduction to Quantitative Research Methods I
*SOC-1101(6) Introduction to Sociology

Brandon University

69.151 Health Promotion: Developmental Transitions Throughout the Lifespan
69.152 Fundamentals of Psychiatric Nursing Practice I
69.161 Introduction to Interpersonal Communication

Year 2-4 of the BScPN Health Studies Courses

69.153 Fundamentals of Psychiatric Nursing Practice II
69.251 Principles of Health Assessment
69.252 Psychopharmacology
69.253 Fundamentals of Psychiatric Nursing Practice III
69.255 Integrated Practice I
69.261 Principles Individual Counselling
69.262 Medical Nursing for Psychiatric Nurses
69.265 Integrated Practice II
69.271 Psychiatric Nursing of Elderly Persons
69.272 Principles of Palliative Care
69.346 Integrated Practice III
69.359 Psychiatric Nursing with Children and Adolescents
69.360 Community Health
69.363 Psychopathology
69.364 Therapeutic Groups
69.366 Acute Mental Health Challenges
69.367 Family Counselling
69.377 Developmental Challenges
69.379 Addictions
69.380 Interpersonal Abuse
69.442 Integrative Clinical Practicum
69.454 Leadership in Professional Practice
69.457 Introduction to Health Research Methods
69.472 Psychiatric Rehabilitation and Recovery
69.473 Contemporary Perspectives on Professional Health Issues
69.474 Philosophical Perspectives for Practice

COURSE DESCRIPTIONS
ANTHROPOLOGY

ANTH-1001 (6) Introductory Anthropology (3 hrs Lecture | 3 hrs Lab) This course provides a general introduction to the four main branches of anthropology: archaeological, cultural, linguistic, and physical (biological). Topics include human evolution, the nature of culture and language, the diversity of past and present societies and their ways of life, and the causes and consequences of social and cultural change. Some instructors may devote substantially more time to certain topics than do others. Students are advised to consult with individual instructors for details.
Restrictions: Students may not hold credit for this course and ANTH-1002 | ANTH-1003 | ANTH-1005.

ANTH-1002 (3) Introductory Cultural Anthropology and Linguistics (3 hrs Lecture) This course is a general introduction to the comparative study of culture and language. Topical emphases vary. In cultural anthropology they may include economic and political organization, kinship and marriage, ritual and belief, and the causes and consequences of cultural change in the contemporary world. In Linguistic Anthropology they may include language structure, pragmatics, sociolinguistics and the ethnography of language. Some instructors may devote substantially more time than others to certain topics. Students are advised to consult with individual instructors for details.
Restrictions: Students may not hold credit for this course and ANTH-1001 | ANTH-1005.

ANTH-1003 (3) Introductory Biological Anthropology and Archaeology (3 hrs Lecture) This is a general introduction to the study of the biological nature and origins of the human species, and of the cultural and biological record of the past. Topical emphases vary but may include basic principles of biological evolution, the human fossil record, modern human variation, and archaeological evidence of the development and diversification of society and culture from earliest times to the rise of ancient civilization.
Restrictions: Students may not hold credit for this course and ANTH-1001.

ANTH-1005 (3) Introduction to Cultural Anthropology: Indigenous Focus (3 hrs Lecture) This course is a general introduction to the comparative study of human social and cultural life. Topical emphases vary but may include language, economic and political organization, kinship and marriage, ritual and belief, and the causes and consequences of social and cultural change in the contemporary world. This course focuses primarily on Indigenous peoples in North America. Some instructors may devote substantially more time than others to the study of linguistics. Students are advised to consult with individual instructors of details.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and ANTH-1001 | ANTH-1002.

ANTH-2100 (3) Method and Theory in Cultural Anthropology (3 hrs Lecture) This core course surveys the essentials of theory and method in the anthropological study of culture and society. It examines central concepts and perspectives in relation to their past development and current status, and their applications in ethnographic and ethnological research.
Requisite Courses: ANTH-1001(6), ANTH-1002(3) or ANTH-1005(3) or permission of the instructor [prerequisite(s)].

ANTH-2103 (3) Ethnography of North American First Peoples (3 hrs Lecture) This course surveys the cultures and societies of Indigenous peoples in Canada and select regions of the United States from the beginnings of European contact to the present day. Topics include economy, social structure, mythology, religion, and culture change.

ANTH-2108 (3) Myth, Magic and Shamanism (3 hrs Lecture) In this course, the related concepts of myth, magic, and shamanism, which form the core of religion in oral societies, are examined with the intent of discovering the conceptions of nature, humanity, and the supernatural that are symbolically expressed in these phenomena and give them unity.

ANTH-2116 (3) Visual Anthropology (3 hrs Lecture) Visual Anthropology is the study of the visual aspects of culture. This includes material culture photographs, films and videos. In this course we focus on ethnographic films and videos. With roots in the late 19th Century, ethnographic films have flourished as a way of documenting many different cultures. The advent of digital cameras in the 1980s transformed and democratized the practice of ethnographic filming. In this course students critically examine the words of influential ethnographic filmmakers. They also learn to make videos, thereby gaining a deeper understanding of some of the challenges by filmmaking.
Requisite Courses: ANTH-1001(6), ANTH-1002(3) or ANTH-1005(3) or permission of the instructor [prerequisite(s)].

ANTH-2119 (3) Medical Anthropology (3 hrs Lecture) Medical anthropology is a subfield of anthropology. It informs our understandings of the experiences and distribution of health, the prevention and the treatment of the sick in different cultural groups and the role of pluralistic medical systems. Critical health disparities between marginalized populations in developed countries as well as between developing and developed countries are increasingly prevalent and complex in nature. This course looks at ethnomedicine, disease ecology and Indigenous perspectives on health and illness.
Cross-listed: BANT-2119(3).

Restrictions: Students may not hold credit for this course and BANT-2119.
Requisite Courses: ANTH-1001(6), ANTH-1002(3) or ANTH-1005(3) or permission of the instructor [prerequisite(s)].

ANTH-2121 (3) Traditional Japanese Culture (3 hrs Lecture) This course surveys traditional Japanese culture through an exploration of visual and dramatic arts, literature, philosophy, and religion. Special emphasis is placed on cross-cultural roots that bridged Japan with its neighbouring countries in East Asia. The historical foundations of popular Japanese contemporary culture - Manga, Anime, and high technology to name a few - are also discussed.
Cross-listed: EALC-2721(3) and REL-2721(3).
Restrictions: Students may not hold credit for this course and EALC-2721 | REL-2721.

ANTH-2122 (3) Anthropologists in the Community (3 hrs Lecture) Anthropologists are often engaged in research directly with communities. This may involve partnerships, collaboration or supporting communities directly as they lead their own research. Applied anthropology is a sub-field of anthropology which explores ways anthropologists work in communities to help identify and resolve challenges and grow opportunities using anthropological knowledge and methods. This course provides students with an introduction to community based research methods and research design in anthropology.
Restrictions: Students may not hold credit for this course and ANTH-3103.
Requisite Courses: ANTH-1001(6), ANTH-1002(3) or ANTH-1005(3) or permission of the instructor [prerequisite(s)].

ANTH-2160 (3) Indigenous Peoples and the Industrial State (3 hrs Lecture) The course considers the situation of Indigenous peoples in the regions of Africa, the Americas, Asia and the Pacific. While these people have distinct cultural histories, their relations to nation-states are similar in important ways. Tensions between indigenous people and the industrial state centre on such issues as external market dependency, diversification, and size of the government sector. Students critique standard definitions of progress and efficiency. The implications of contemporary industrial development projects for the future of human societies are studied within the framework of the primal insights, values and definitions shared by Indigenous peoples throughout the globe.
Cross-listed: IDS-2160(3).
Restrictions: Students may not hold credit for this course and IDS-2160.
Requisite Courses: ANTH-1001 or ANTH-1002 or IDS-1100 or permission of the IDS Coordinator or Anthropology Chair [prerequisite(s)].

ANTH-2200 (3 or 6) Method and Theory in Archæology (3 hrs Lecture) This is a core course designed to convey the essentials of archaeological method and theory as they relate to each other. Theoretical and procedural trends are examined to illuminate the nature of contemporary archaeological research. Selected findings of this research are reviewed in accord with the major concepts of archaeology and development of the methodologies employed.
Requisite Courses: ANTH-1001 or ANTH-1003 or permission of the instructor [prerequisite(s)].

ANTH-2202 (3 or 6) Archæology of North America (3 hrs Lecture) This course surveys the archaeology of North American indigenous peoples before European contact. Major culture areas are examined, including the Southwest, Northwest Coast, Arctic, Plains, and Northeast. The regional focus may vary from year to year.

ANTH-2210 (3 or 6) Rise of New World Civilization (3 hrs Lecture) This course covers the period from the origins of agriculture to the rise of historically recorded New World civilizations such as Aztec, Inca, and Maya. Special emphasis is given to the background and origin of food production through the domestication of plants and animals, and to the development of urban centres. Regional emphasis may vary from year to year.
Restrictions: Students may not hold credit for this course and ANTH-2206.

ANTH-2211 (3) Rise of Old World Civilization (3 hrs Lecture) This course examines at the origins and development of civilization in the Old World with emphasis on the prehistoric archaeological record. Topics discussed include the forces behind an increase in population density, the role of civilization and urbanism in state formation, and the problem of collapse of Old World civilizations, such as ancient Egypt, the Near East, China, and the Indus Valley. Regional emphasis may vary from year to year.
Cross-listed: CLAS-2004(3).
Restrictions: Students may not hold credit for this course and CLAS-2004.

ANTH-2214 (3) Archaeological Field School (3 hrs Field Study) This course number allows students who complete a recognized archaeological field school weighted at three credit hours to transfer equivalent credit to the University of Winnipeg. Only field schools offering both a theoretical lecture component and an intensive field component are accepted. Students must meet all requirements set by individual field schools.

ANTH-2215 (3) World Prehistory (3 hrs Lecture) This course constitutes an introduction to human prehistory from the origin of human culture through the development of civilization, and is intended to familiarize students with major cultural developments worldwide before the advent of recorded history in the Near East, Egypt, Indus Valley, China, Europe, North America, Mesoamerica, South America, Sub-Saharan Africa and the Pacific.

ANTH-2220 (6) Archæological Field School (3 hrs Field Study) This course number is designated for students who complete a recognized archaeological field school weighted at six credit hours to transfer equivalent credit to the University of Winnipeg. Only field schools offering both a theoretical lecture component and an intensive field component are accepted. Students must meet all requirements set by individual field schools.

Note: Students must receive departmental permission to enrol in an outside field school for academic credit. Students may receive credit in ANTH-3206(6) and either ANTH-2214(3) or ANTH-2220(6).

ANTH-2221 (3) Archæology of the Ancient Near East (3 hrs Lecture) This course traces the development of Syrian Palestinian Archaeology, including a study of archaeological remains and sites from the Neolithic period (ca. 8500 B.C.) to the Byzantine period (ca. 330A.D.) in the Levant, or countries bordering on the eastern Mediterranean Sea from Turkey to Egypt. Emphasis is placed on techniques of recovering ancient remains as well as the interpretation of artifacts, including those associated with Biblical text or documents from other ancient Near Eastern cultures.

ANTH-2229 (3) Food, Diet and Dining in Antiquity (3 hrs Lecture) This course explores the techniques, issues, and controversies involved in reconstructing the role of food, diet and dining in Greek and Roman antiquity. Topics addressed include examination of lines of evidence (broadly encompassing ancient literary and textual evidence, depictions from art, and material remains from archaeological excavation); the economic basis for production, trade, transport and consumption of foodstuffs in antiquity; practicalities and limitations involved in cooking, preserving and preparing food stuffs; the social and philosophical context of eating and dining; the role of food in ancient religious and cult practices; medical approaches to food, diet and health in antiquity.
Cross-listed: CLAS-2920(3).
Restrictions: Students may not hold credit for this course and CLAS-2920.

ANTH-2300 (3) Method and Theory in Biological Anthropology (3 hrs Lecture | 3 hrs Lab) This core course examines the theoretical framework of Biological (Physical) Anthropology and the nature of current human biological variation. Topics include evolutionary theory, human genetics, modern human biological variation, human adaptation to the environment, and demographic processes.
Cross-listed: BANT-2300(3).
Restrictions: Students may not hold credit for this course and BANT-2300.
Requisite Courses: ANTH-1001 or ANTH-1003 or any 1000-level Biology course, or permission of the instructor [prerequisite(s)].

ANTH-2304 (3) Introduction to Forensic Anthropology (3 hrs Lecture) This course introduces key aspects of forensic anthropology in a framework that is not dependent upon prior knowledge of scientific methods. Topics include approaches to the interpretation of skeletal remains and DNA evidence, and the application of information from other sciences to forensic analysis.
Cross-listed: BANT-2304(3).
Restrictions: Students may not hold credit for this course and BANT-2304.
Requisite Courses: Completion of 30 credit hours [prerequisite(s)].

ANTH-2400 (3) Method and Theory in Linguistic Anthropology (3 hrs Lecture/Seminar) This course examines the relationship between language and culture, including the theories and principles of linguistic anthropology. More than 20 languages are compared and contrasted in order to understand the concepts of language structure. Topics include the basic principles of phonetics and phonology, morphology, syntax, pragmatics, language change, literacy, nonverbal communication and signed languages.
Cross-listed: LING-2102(3).
Restrictions: Students may not hold credit for this course and LING-2102.

ANTH-2401 (3) Phonetics and Phonology (3 hrs Lecture) This course describes all English consonant and vowel sounds in terms of place and manner of articulation. It also identifies how sounds are organized into syllables and words by studying the concepts of phonemes, allophones and phonological rules. Although the course focuses on English phonology, it also draws heavily on other languages to illustrate the key concepts. Students will be required to master characters and diacritics from the International Phonetic Alphabet.
Cross-listed: LING-2001(3) and ENGL-2803(3).
Restrictions: Students may not hold credit for this course and ENGL-2803 | LING-2001.

ANTH-2402 (3) Morphology (3 hrs Lecture) This course introduces students to the concepts and methods of word analysis. Students investigate the nature of morphemes (smallest units of meaning), their different types and functions, and the different ways they are organized into words. The course explores the process of word formation through derivation and compounding as well as grammatical uses of inflectional morphemes. Based largely in English, both lectures and exercises also draw on various other languages to highlight key morphological features and constructs.
Cross-listed: ENGL-2805(3) and LING-2002(3).
Restrictions: Students may not hold credit for this course and ENGL-2805 | LING-2002.

ANTH-2403 (3) Syntax (3 hrs Lecture) Syntax is the study of the arrangement of words into groups, clauses and sentences. In this course students use morphological, syntactic, semantic, and lexical criteria to define traditional parts of speech, in order to understand how these combine to form a variety of clauses and sentences types. Form, function, class and structure are introduced from the perspective of systemic functional and communication linguistics. These descriptive frameworks are contrasted with transformational generative models and others.
Cross-listed: ENGL-2802(3) and LING-2003(3).
Restrictions: Students may not hold credit for this course and ENGL-2802 | LING-2003.

ANTH-2404 (3) Languages of the World (3 hrs Lecture) Taking a general overview of the linguistic map of the world where approximately 7000 languages are currently spoken, this course looks at some of the main language families and examines evidence for genetic relationships within them. Variations within a single language, principles

underlying different writing systems, as well as issues of language contact, endangered languages, and the role of English as an emerging world language are also considered. Examples are drawn from a wide range of languages.
Cross-listed: LING-2103(3).
Restrictions: Students may not hold credit for this course and LING-2103 | LING-2404.

ANTH-2405 (3) Semantics (3 hrs Lecture) Semantics is the branch of linguistics concerned with how we construct meaning using language. It is arguably the most diverse branch, situated between the highly formalizable "inner layers" of phonology, morphology and syntax and the fuzzier "outer layer" of pragmatics. Key ideas covered in the course include: the difference between sense and reference, the application of basic rules in formal logic, prototype theory, componential analysis, and cognitive semantics; how to identify thematic roles in sentences; the functions of noun classifiers, deictics, and adpositions in different languages; and, the nature of metaphors, metonyms and image schemas.
Restrictions: Students may not hold credit for this course and ENGL-2806 | LING-2004.

ANTH-2406 (3) Language and Culture (3 hrs Lecture) The course examines how language encodes cultural dialects from different regions and time periods within various social and cultural contexts. Selected British, American, and Canadian dialects are studied from specific historical and contemporary periods. Social factors such as age, gender, ethnicity, class, socio-economic, educational, political, and religious factors are considered from a sociolinguistic perspective. The course also examines language and dialects related to various registers, such as student-teacher classroom exchange, job interviews, work talk, and casual conversation. To examine the differences in these registers, functional and systemic perspectives of communication linguistics are introduced.
Cross-listed: ENGL-2804(3) and LING-2101(3).
Restrictions: Students may not hold credit for this course and ENGL-2804 | LING-2101.

ANTH-3100 (3) History of Anthropology (3 hrs Lecture) This course examines the development and influence of select schools of anthropological thought and practice from the nineteenth century to the present. Emphasis is given to the approach and contribution of individual scholars, and to the impact of institutions and historically significant events and trends in shaping disciplinary ideas. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-4100(3).
Restrictions: Students may not hold credit for this course and ANTH-4100.
Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-3113 (3) Indigenous Peoples of Central Canada (3 hrs Lecture) Students in this course read ethnographies, myths and oral histories in order to gain an understanding of the culture of Ojibwe and Cree peoples living in northern Manitoba and Ontario. A holistic approach is used to stress the interrelationship of traditional subsistence activities, spirituality, language and world view. Contemporary economic, social and political issues are also discussed to give students an appreciation of how traditional practices continue to be adapted to meet the challenges of contemporary life.
Cross-listed: ANTH-4113(3).
Restrictions: Students may not hold credit for this course and ANTH-4113.
Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-3116 (3) Symbolic Anthropology (3 hrs Lecture) Symbolic anthropology is a school of cultural anthropology that seeks to understand culture through the interpretation of symbols in the context of rituals and performances, myths and stories, art and other creative human expressions. Students in this seminar-based course read and discuss the works of prominent practitioners in the field, including Mary Douglas, Victor Turner and Clifford Geertz. They also interpret a variety of cultural performances.
Cross-listed: ANTH-4116(3).
Restrictions: Students may not hold credit for this course and ANTH-4116.
Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-3117 (3) Ethnohistoric Methods and Theory (3 hrs Lecture) Ethnohistory combines ethnographic and historical methods to study changes in cultures over time. In this course students gain a theoretical understanding of ethnohistory through a series of readings that explore differences between oral and written texts. They also gain a practical understanding of the discipline through the transcription of an oral text, which is contextualized through library and/or archival research.
Cross-listed: HIST-3526(3), HIST-4526(3), and ANTH-4117(3).
Restrictions: Students may not hold credit for this course and ANTH-4117 | HIST-3526 | HIST-4526.
Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-3119 (3) Regulating the "natives:" Indigenous Policy in Canada and the USA (3 hrs Lecture) This course provides an exploration of the histories, societies, and cultures of Indigenous/Aboriginal Canadians and American Indians in the context of government policy. Europeans coming to the New World carried with them cultural perspectives on Indigenous peoples as well as culturally relevant, to them, political, legal and religious viewpoints that led to the creation of policies. Student study a range of policies meant to regulate Indigenous peoples. Students examine the topic through primary and secondary sources, and are exposed to a comparative overview of the similarities and differences of policies in the neighboring countries.
Cross-listed: HIST-3524(3), IS-3102(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Students may not hold credit for this course and HIST-3524 | IS-3102.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 or permission of the instructor [prerequisite(s)].

ANTH-3120 (3) Indigenous Peoples of Arctic Canada (3 hrs Lecture) This course focuses on the Inuit and their ancestors, inhabitants of Canada's Arctic and adjacent regions for nearly 5000 years. It examines the origins and development of their pre-and post-contact culture in light of archaeological and ethnographic evidence, with emphasis on regional variations in subsistence and settlement patterns, social organizations, intellectual life, and contact with Euro-Canadian institutions, ideas, and state policy. The course concludes by considering Inuit culture identity in the 21st century.
Cross-listed: HIST-3522(3).
Restrictions: Students may not hold credit for this course and ANTH-2118 | HIST-3522.

ANTH-3124 (3) Ethnographic Filmmaking (2 hrs Lecture | 1 hrs Seminar/Discussion) Ethnographic Filmmaking is a branch of Cultural Anthropology which documents diverse cultures using film and video. In this course students learn the history of ethnographic filmmaking and what makes ethnographic films distinct from written ethnographies. They also shoot and edit their own 15-minute ethnographic film about a subject of their choice. Before undertaking their film project students are required to submit a project proposal and Ethics Checklist for review by their Instructor and the Anthropology Department Ethics Committee. Students must also complete the online CORE Ethics tutorial. Basic filmmaking and editing equipment is supplied by the Anthropology Department.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: ANTH-2116 [prerequisite(s)].

ANTH-3125 (3) Ethnographic Research Methods (3 hrs Lecture) This course offers students an opportunity to learn and apply ethnographic research and field techniques. Areas of instruction include participant observation, surveys, and interviews, the recording of data in field notes and by such means as video, photography and mapping, and ethical considerations in contemporary research settings. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-4125(3).
Restrictions: Students may not hold credit for this course and ANTH-4125.
Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-3126 (6) Material Culture in the History of the Indigenous Peoples of Canada (3 hrs Lecture) This lecture/seminar course traces Canadian Indigenous history from pre-contact times to the early 20th century through a close examination of Indigenous and fur trade material culture. Throughout the course of the fur trade Indigenous people and Europeans exchanged and adopted various technologies. These exchanges were of critical importance in shaping relations between Euro-American traders and Indigenous peoples. This course explores various ways in which Indigenous and European technologies complemented each other and highlights the non-material meanings associated with particular artefacts. We examine the social, cultural and spiritual connotations that Indigenous artefacts held and that European-introduced technologies and materials acquired.
Cross-listed: HIST-3515(6).
Restrictions: Students may not hold credit for this course and HIST-3515.

ANTH-3127 (3) History of the Indigenous Peoples of the Northern Plains (3 hrs Lecture) This lecture-seminar traces the history of Indigenous Peoples on the Northern Plains from the pre-contact period to the mid-20th century on both sides of the present Canadian-U.S. border. Ancient plains cultures, the introduction of European technologies, the fur trade, struggles for regional dominance and control over resources, advancing European settlement, and the establishment of reservations/reserve constitute the major topics of this lecture seminar. In a comparative approach, this course explores critical differences and similarities in Indigenous history on both sides of the Canadian and US border.
Cross-listed: HIST-3518(3).
Restrictions: Students may not hold credit for this course and HIST-3518.

ANTH-3128 (3) History of Eastern and Subarctic Algonquian Peoples (3 hrs Lecture) This lecture/seminar course traces the histories of eastern and subarctic Algonquian peoples from the Powhatans and Mi'kmaq to the Ojibwe and Cree, from earliest times to the early twentieth century. Oral records, documentary sources, and secondary materials are used to present and juxtapose Indigenous and European perspectives throughout the course. Topics include group origins, languages, gender relations, and cultural, political, and social history, as well as the effects of contact and governmental policies.
Cross-listed: HIST-3528(3).
Restrictions: Students may not hold credit for this course and HIST-3528.

ANTH-3132 (3) History of the Iroquoian Peoples (3 hrs Lecture) This lecture/seminar course examines the history of the Iroquoian peoples in Eastern North America from the precontact time until the present. Emphasis is placed on the Iroquois Confederacy and the Huron (Wendat) peoples living in Canada and the United States. Topics include the origins of the Iroquois Confederacy, the fur trade and Christian missions, the Iroquois Wars and the destruction of Huronia in 1649, the dispersal and migration of Iroquois and Huron communities through the Great Lakes region and the Saint Lawrence Valley, and the influence of the Canada-US border on Iroquois communities.
Cross-listed: HIST-3532(3).
Restrictions: Students may not hold credit for this course and HIST-3532.

ANTH-3133 (3) Public Anthropology (3 hrs Lecture) Contemporary anthropology has changed drastically over the last several decades. Anthropologists no longer

exclusively study "primitive" societies; cultural anthropology is engaged and confronting important contemporary social, economic and political issues. In response, anthropologists now engage in these modern issues and at times take a public position. Public anthropology explores such issues as race and tolerance, health and well-being, global terror and militarism, forensic anthropology, and the Internet and other forms of the digital media. This course is designed to inform students about the development of anthropology as a relevant field of inquiry.
Requisite Courses: ANTH-2100 [prerequisite(s)].

ANTH-3134 (3) Anthropology of Food (3 hrs Lecture) Anthropology is interested in the role of food and the relationship to humans. Food is vital to our health and well-being, however there remains a constant struggle to produce, exchange and eat the food that we need to live a healthy and productive life. Our relationship with food is complex. This course examines the ways in which we understand food as essential, chosen, patterned, and dynamic. Students examine how culture shapes our food production, distribution methods, and dietary habits in all stages of our lives.
Requisite Courses: ANTH-2100 [prerequisite(s)].

ANTH-3160 (3) Cultural Perspectives on Global Processes (3 hrs Lecture) The focus of this course is threefold. First it seeks to apply cultural perspectives on 'global scale theory.' Second, we discern the linkages among some of the main processes at work in 'global systems.' Main processes include communications, transportation, migration, capital, manufacture of export goods, non-state political organizations, and environmental and human health research. The emphasis is on how two or more of these interact. Third, we discuss the effects of these processes in local and regional contexts. The specific processes and their salient interrelationships are chosen in response to interests of those taking the course, and are developed by group reading and discussion, and individually in term paper projects.
Cross-listed: IDS-3160(3).
Restrictions: Students may not hold credit for this course and IDS-3160.
Requisite Courses: IDS-1100(6) or ANTH-1001(6) or ANTH-1002(3), or permission of the Coordinator/Chair [prerequisite(s)].

ANTH-3161 (3) Social Network Analysis (3 hrs Seminar/Discussion) Social network research is unique in the extent to which methodological tools derive directly from substantive theories. The theoretical heart of this approach to social science is that actors are interdependent, and that social structure emerges from regularities in the interdependence. In this seminar, we will couple the substantive and theoretical development of social network analysis with methodological tools to implement network research. By the end of the course, you should (1) know the major theoretical ideas supporting network research, (2) be able to collect social network data and, (3) be able to analyze and interpret network data. Additional in-depth work is required to receive credit at the 4000 level.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: ANTH-2100 [prerequisite(s)].

ANTH-3170 (3) Ethnoecology as a Research Approach (3 hrs Seminar/Discussion) This course underscores the traditional ecological knowledge systems of Indigenous and local communities by examining the interactions among these communities, their knowledge, and the local environments that have sustained over time. Key themes include traditional food and medicinal plants, traditional natural resources management systems, and learning within indigenous knowledge and indigenous cultural landscapes. Such learning is explored through global case studies. Research approaches, tools, methods and ethical issues surrounding ethnoecological research within local and Indigenous communities are also explored. This course helps in developing academic and research skills in conducting interdisciplinary research that examines the relationships between nature and culture.
Cross-listed: IS-3012(3).
Restrictions: Students may not hold credit for this course and IS-3012.
Requisite Courses: IS-1015, UIC-1001, IDS-1100, ANTH-1001, or ANTH-1002 or permission of instructor [prerequisite(s)].

ANTH-3203 (6) Archaeological Field School (3 hrs Lecture) An intensive course planned and programmed to provide students with practical archaeological experience through excavation of one or more sites. Instruction begins shortly after regular session examinations, and employs lecture, field, and laboratory components in order to teach excavation techniques, processing, analyzing and interpreting of archaeological data.
Restrictions: Department Permission Required.
Requisite Courses: ANTH-1001 or ANTH-1003 and ANTH-2200 [prerequisite(s)].

ANTH-3204 (3) Issues in Prehistoric Archaeology (3 hrs Lecture) This course examines select issues in methodology and/or interpretation of the archaeological record of New World and/or Old World populations prior to the end of the last glacial period, circa 10,000 years ago. Content may vary from year to year and be thematic, regional, and/or chronological in nature. Information about each year's topic can be obtained from the instructor.
Restrictions: Students may not hold credit for this course and ANTH-4204.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-3206 (3) The Origins of Human Culture (3 hrs Lecture) Looking at developments in the Old World, this course examines the two million year period from the first appearance of human culture to the agricultural revolution some twelve thousand years ago. It emphasizes the increase in cultural complexity and specialization over time, and the way that culture has permitted humans to adapt to their environment. As well as discussing the general nature of the prehistoric record, the course examines such general questions as the origins of cultural behaviour, the

ecology and chronology of the Pleistocene period, demographic evolution and reconstruction, and the relationship between cultural and biological evolution. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: BANT-3206(3), ANTH/BANT-4206(3).
Restrictions: Students may not hold credit for this course and ANTH-3202 | ANTH-4206 | BANT-3206 | BANT-4206.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-3207 (3) Zooarchaeology (3 hrs Lecture) This course introduces analytical and theoretical aspects of zooarchaeology through lectures and laboratory exercises focusing on the comparative skeletal anatomy of various mammal, bird, fish, amphibian and reptile species. Topics include post-depositional changes to bones, sampling and recovering faunal remains, ageing and sexing of bone, reconstructing past environments and human dietary strategies, evidence of animal domestication, and bone tool technology.
Cross-listed: BANT-3207(3).
Restrictions: Students may not hold credit for this course and BANT-3207.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-3209 (3) Archæology of Gender (3 hrs Lecture) This course is divided into two main components: examining the role and result of gender bias in archaeological research and analysis of the past; and exploring ways to study gender from the archaeological record.
Restrictions: Students may not hold credit for this course and ANTH-4209.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-3210 (3) Archæological Laboratory Methods (3 hrs Lecture) This course focuses on processing, analyzing, and interpreting archaeological materials. It examines a range of specialized techniques for studying lithic, ceramic, botanical, and geological evidence recovered at archaeological sites, and for establishing their temporal context. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-4210(3).
Restrictions: Students may not hold credit for this course and ANTH-4210.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-3213 (3) Advanced Archæological Theory (3 hrs Lecture) Major trends in the development and application of archaeological theory are explored, with special emphasis on perspective initiated since the beginning of the 20th century. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-4213(3).
Restrictions: Students may not hold credit for this course and ANTH-4213.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-3260 (3) Classical Archæology (3 hrs Lecture) This course examines methodological, theoretical, and topical issues in Classical Archaeology, broadly, that is, in the archaeology of ancient Greek and Roman civilizations. Particular emphasis focuses upon directions within the discipline over the past decade. Topics discussed include the integration of archaeological, scientific, artistic, and textual evidence in the reconstruction of classical cultures; the assessment of ancient Greco-Roman ecological, social, ritual, and economic life on the basis of recovered artifacts and ecofacts; and the use of archaeological survey data to examine ancient settlement patterns.

ANTH-3261 (3) Death in Antiquity (3 hrs Lecture) This course approaches various aspects relating to death in antiquity (emphasizing Roman antiquity) from the perspective of two disciplines, Anthropology and Classics. Topics include beliefs and philosophies about the afterlife; causes of death, with emphasis on diseases and demographics; the practicalities of planning for death and disposing of the dead; the methods and significance of commemoration; rituals of grief and mourning; spatial distribution of cemeteries in antiquity; methods and theories in mortuary archaeology from classical sites; and analysis of osteological, artifactual, and architectural data from such sites. Contemplation of cross-cultural comparisons on these and other topics under study is encouraged.
Cross-listed: CLAS-3320(3).
Restrictions: Students may not hold credit for this course and CLAS-3320.
Requisite Courses: 3 credits from either Anthropology or Classics [prerequisite(s)].

ANTH-3262 (3) Health in Antiquity (3 hrs Lecture) This course explores health, disease, and medicine in the Greek and Roman world. It draws upon evidence from the ancient textual sources (especially Galen and Hippocrates), social history, and archaeology (the latter including all manner of finds - architecture, art, artifacts, environmental materials, and skeletal remains) to examine how residents of the Greek and Roman world perceived and experienced health and disease, and how they sought to combat illness and to promote healing.
Cross-listed: CLAS-3060(3)and KIN-3060(3).
Restrictions: Students may not hold credit for this course and CLAS-3060 | KIN-3060.

ANTH-3273 (3) Material Culture in Northern Plains Indigenous History, Field Course (3 hrs Lecture) In this experiential-learning course, we explore various ways in which Indigenous and European technologies of the fur trade era complemented each other. The first half of the course is taught through seminar discussions and lectures at the University of Winnipeg/WEC, the second half of the course takes place at the ANPO-Bison Ranch, near Rossburn, Manitoba, where students have an opportunity to work with Indigenous Elders from the nearby First Nations communities, learn about and experience traditional technologies, such as tanning hides and/or manufacturing archery equipment, while being accommodated in traditional tipis and/or modern tents. Students should notify the instructor in case of dietary restrictions, plant-, animal-, or

food allergies. At the 4000-level, a greater amount of written work and more in-depth primary research are required.
Cross-listed: HIST-3573(3), HIST-4573(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and ANTH-4273 | HIST-3573 | HIST-4573.

ANTH-3306 (3) Human Osteology (3 hrs Lecture) This course covers basic human osteological development and identification. Topics include indicators of age and sex and comparison of primate and non-primate features. Emphasis is on the laboratory identification of complete and incomplete human skeletal material.
Cross-listed: BANT-3306(3).
Restrictions: Students may not hold credit for this course and ANTH-4306 | BANT-3306.
Requisite Courses: Credit in at least one course in Physical/Biological Anthropology, or permission of the instructor [prerequisite(s)].

ANTH-3308 (3) Human Evolution (3 hrs Lecture) This course examines the evolution of our species, from the earliest hominins to the appearance of anatomically modern humans. Emphasis is on the material evidence for human evolution, and in particular the fossil record. Topics include the environmental context of human evolution, the anatomical features of bipedalism, and the debates surrounding the origins of Anatomically Modern Homo sapiens: Occasional laboratory sessions enhance and expand upon the material presented in lectures.
Cross-listed: BANT-3308(3), ANTH/BANT-4308(3).
Restrictions: Students may not hold credit for this course and ANTH-4308 | BANT-3308 | BANT-4308.
Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

ANTH-3310 (3) The Race Concept in Physical Anthropology (3 hrs Lecture) Much of the early history of the discipline of Anthropology was geared towards understanding biological and behavioural differences between "races". Today this type of research has fallen out of favour, with the very existence of distinct biological races coming into question. This seminar course explores some of the key debates about the race concept in Physical Anthropology. The emphasis is on fostering critical reading of primary sources, and engendering active discussion on these issues in an open and non-judgmental environment.
Cross-listed: ANTH-4310(3).
Restrictions: Students may not hold credit for this course and ANTH-4310.
Requisite Courses: ANTH-2300 or permission of the instructor [prerequisite(s)].

ANTH-3400 (3) Language Typology (3 hrs Seminar/Discussion) This course examines and classifies a number of languages by applying the basic concepts of Anthropological Linguistics to analysis of the phonology, morphology, syntax, semantics, and pragmatics of various languages. The structure of these languages is compared and contrasted to explore typological patterns and explain structural diversity of human languages. Relations between the grammar and pragmatic features of the languages are also explored. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-4400(3), LING-3006(3) and LING-4006(3).
Restrictions: Students may not hold credit for this course and LING-3006 | LING-3400 | LING-4006.
Requisite Courses: ANTH-2400 or LING-2102 or permission of instructor [prerequisite(s)].

ANTH-3405 (3) Textual Analysis (3 hrs Lecture) This course examines the principles and methods of textual analysis as a language-centered approach to literary and non-literary discourse. Various texts are analyzed using six descriptive linguistic tools, namely sounding (phonology), seeing (graphology), wording (lexis), arranging (syntax), meaning (semology and semantics), and ornamenting (rhetoric). Textual analysis considers the effect of writers' choices to create different reader responses to literary elements such as developing characters, building suspense, creating humour, and achieving particular rhetorical purposes.
Cross-listed: LING-3001(6) and ENGL-3800(6).
Restrictions: Students may not hold credit for this course and ENGL-3800 | LING-3001.

ANTH-3406 (3) Comparative Indo-European Linguistics and Mythology (3 hrs Lecture) This course proposes an integrated overview of Indo-European tradition based on comparative linguistics, mythology, archaeology, social structure and religion. A survey of Indo- European languages, ancient and modern, including their relationships, writing systems, and sociolinguistic context, is followed by an examination of problems in analysis and reconstruction of Indo-European proto-language and proto- culture. The course further explores major Indo-European mythological and poetic traditions, and possible reconstruction of their common sources. It also examines belief systems, literary continuations of mythopoetic material, archeological evidence and historiographic records. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-4406(3), LING-3406(3) and LING-4406(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and ANTH-4406 | LING-3102 | LING-4102.

ANTH-3407 (3) Registers of Our Daily Life (3 hrs Lecture) Students are introduced to issues involved in the research being done by linguists, text analysts, discourse analysts, and sociolinguists concerning various types of institutional discourse. They are required to carry out a research project on a register of their choice. Experimental investigations and contemporary research focus on medical, scientific, legal, business, financial, political, classroom, and media discourse.

Cross-listed: LING-3101(3), ENGL-3802(3).
Restrictions: Students may not hold credit for this course and ENGL-3802 | LING-3101.
Requisite Courses: ANTH-2406 or LING-2101 or ENGL-2804 [prerequisite(s)].

ANTH-3408 (3) Sociolinguistics (3 hrs Lecture) Sociolinguistics is the systematic study of language as a social phenomenon with a focus on the relationship between language and various social variables such as age, class, ethnicity and gender. This course examines language variations on regional (regional dialects), social (sociolects) and personal (styles and registers) level, as well as topics such as standard language, slang, jargon, politeness and taboo. It introduces students to the concepts of language ideologies, communities of practice, multilingualism, diglossia and code switching, and explores the problems of language in the contact and of language shift, revival and planning.
Cross-listed: LING-3103(3).
Restrictions: Students may not hold credit for this course and LING-3103.
Requisite Courses: LING-1001 [prerequisite(s)].

ANTH-3411 (3) Indigenous Languages of South America (3 hrs Lecture) Presenting an integrated overview of the indigenous languages of South America, this course looks at main language families spoken there, their spatial distribution, history and classification, as well as their cultural background. With 53 language families and 55 isolates, South America is not only the most diverse region in linguistic terms, but also a storehouse of unusual structural features important for understanding the full range of possible variants of human language. The course also explores typological characteristics of South American languages, potential linguistic areas, proposals of more distant relationships, and the current situation of endangered languages in this region. Additional in-depth work is required to receive credit at the 4000-level.
Cross-listed: ANTH-4411(3), LING-3104(3), LING-4104(3), and IS-3104(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-4411 | IS-3104 | LING-3104 | LING-4104.

ANTH-4001 (3 or 6) Directed Readings/Research in Anthropology (3 hrs Directed Reading) This is a course which enables a student to acquaint himself or herself with the frontiers of Anthropological knowledge. In conjunction with an Instructor the student prepares a formal paper. This may be based upon specialized library research, laboratory work or field work.
Restrictions: Instructor Permission Required.

ANTH-4010 (3) Anthropology Research Seminar (3 hrs Lecture/Seminar) This capstone course is for senior anthropology students to pursue a research topic of their choosing within the discipline. Students are guided through this process by first, preparing a research paper of publishable quality in accordance with the standards of a professional journal, and second, demonstrating the ethics and practice of peer review, peer critique, peer collaboration and oral and public presentation, grant writing and ethical research writing. Students must be prepared to consult with the course professor on the choice topic within one week of the beginning of the class.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required.
Requisite Courses: 30 credit hours in Anthropology or permission of the instructor [prerequisite(s)].

ANTH-4024 (3) Biocultural Diversity Conservation (3 hrs Seminar/Discussion) This course focuses on the interrelationship between indigenous peoples and their environment. Indigenous and local communities contribute with understanding, practices and innovations regarding the use and conservation of biodiversity and natural resources in diverse ecosystems. The value of indigenous knowledge is recognized in international agreements and efforts are made to integrate traditional ecological knowledge into conservation and management programs. The tensions arising from the confluence of indigenous and scientific knowledge, the opposition of different epistemological approaches, the increasing loss of bio diversity and indigenous cultures, the interconnectedness between biological and cultural diversity are the central themes of this course.
Cross-listed: IDS-4824(3) and IS-4024(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and IDS-4824 | IS-4024.

ANTH-4100 (3) History of Anthropology (3 hrs Lecture) This course examines the development and influence of select schools of anthropological thought and practice from the nineteenth century to the present. Emphasis is given to the approach and contribution of individual scholars, and to the impact of institutions and historically significant events and trends in shaping disciplinary ideas. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-3100(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3100.
Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-4102 (3) Problems in Cultural Anthropology (3 hrs Lecture) This seminar offers senior students a chance to investigate specific problems in cultural anthropology. Emphasis is on preparation and presentation of individual projects based on laboratory, library, museum, or field experience.
Restrictions: Honours Form Required.
Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-4105 (6) Indigenous and Newcomers in Encounter: Selected Topics (3 hrs Seminar/Discussion) This seminar will explore social and cultural interactions among Euro-Canadians and Indigenous peoples, paying

particular attention to Subarctic fur trade and mission contexts. After sampling recent writings in ethnohistory and Indigenous history, the course will draw on archival, visual, and oral records to offer some first-hand experience in dealing with primary source materials in this field of study.
Cross-listed: HIST-4570(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and HIST-4570.

ANTH-4113 (3) Indigenous Peoples of Central Canada (3 hrs Lecture) Students in this course read ethnographies, myths and oral histories in order to gain an understanding of the culture of Ojibwe and Cree peoples living in northern Manitoba and Ontario. A holistic approach is used to stress the interrelationship of traditional subsistence activities, spirituality, language and world view. Contemporary economic, social and political issues are also discussed to give students an appreciation of how traditional practices continue to be adapted to meet the challenges of contemporary life. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-3113(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3113.
Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-4116 (3) Symbolic Anthropology (3 hrs Lecture) Symbolic anthropology is a school of cultural anthropology that seeks to understand culture through the interpretation of symbols in the context of rituals and performances, myths and stories, art and other creative human expressions. Students in this seminar-based course read and discuss the works of prominent practitioners in the field, including Mary Douglas, Victor Turner and Clifford Geertz. They also interpret a var iety of cultural performances. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-3116(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3116.
Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-4117 (3) Ethnohistoric Methods and Theory (3 hrs Lecture) Ethnohistory combines ethnographic and historical methods to study changes in cultures over time. In this course students gain a theoretical understanding of ethnohistory through a series of readings that explore differences between oral and written texts. They also gain a practical understanding of the discipline through the transcription of an oral text, which is contextualized through library and/or archival research.
Cross-listed: ANTH-3117(3), HIST-3526(3) and HIST-4526(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3117 | HIST-3526 | HIST-4526.
Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-4124 (3) Ethnographic Filmmaking (2 hrs Lecture | 1 hrs Seminar/Discussion) Ethnographic Filmmaking is a branch of Cultural Anthropology which documents diverse cultures using film and video. In this course students learn the history of ethnographic filmmaking and what makes ethnographic films distinct from written ethnographies. They also shoot and edit their own 15-minute ethnographic film about a subject of their choice. Before undertaking their film project students are required to submit a project proposal and Ethics Checklist for review by their Instructor and the Anthropology Department Ethics Committee. Students must also complete the online CORE Ethics tutorial. Basic filmmaking and editing equipment is supplied by the Anthropology Department.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required.
Requisite Courses: ANTH-2116 [prerequisite(s)].

ANTH-4125 (3) Ethnographic Research Methods (3 hrs Lecture) This course offers students an opportunity to learn and apply ethnographic research and field techniques. Areas of instruction include participant observation, surveys, and interviews, the recording of data in field notes and by such means as video, photography and mapping, and ethical considerations in contemporary research settings. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-3125(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3125.
Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-4145 (3) Urban Indigenous Seminar (3 hrs Seminar/Discussion) This seminar examines selected topics dealing with urban Indigenous issues. Topics may include the viability of urban Indigenous governance, urban reserves, and Indigenous education and economic development issues in the inner city. The issue of differing conceptions of Indigenous representation and identity held by various Indigenous organizations is a particularly challenging and contentious issue in the urban context. The portability and applicability of Indigenous and treaty rights in the urban environment may also be explored. We may also analyze the unique problems created by the range of jurisdictional responsibilities towards Indigenous people in the urban environment.
Cross-listed: IS-4445(3) and UIC-4445(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and IS-4445 | UIC-4445.
Requisite Courses: 6 credit hours in UIC courses, or permission of the instructor [prerequisite(s)].

ANTH-4161 (3) Social Network Research (3 hrs Seminar/Discussion) Social network research is unique in the extent to which methodological tools derive directly from substantive theories. The theoretical heart of this approach to social science is that actors are interdependent, and that social structure emerges from regularities in the interdependence. In this seminar, we will couple the substantive and theoretical development of

social network analysis with methodological tools to implement network research. By the end of the course, you should (1) know the major theoretical ideas supporting network research, (2) be able to collect social network data and, (3) be able to analyze and interpret network data. Additional in-depth work is required to receive credit at the 4000 level.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required.
Requisite Courses: ANTH-2100 [prerequisite(s)].

ANTH-4200 (3) Archæological Problems (3 hrs Seminar/Discussion) This seminar is designed to give senior students an opportunity to delve into specific problems in archaeology. Attention is paid to the presentation of individual projects involving library, laboratory, or field experience.
Restrictions: Honours Form Required.
Requisite Courses: A course in Archaeology/Prehistory at the 2000 or 3000 level or permission of the instructor [prerequisite(s)].

ANTH-4206 (3) The Origins of Human Culture (3 hrs Lecture) Looking at developments in the Old World, this course examines the two million year period from the first appearance of human culture to the agricultural revolution some twelve thousand years ago. It emphasizes the increase in cultural complexity and specialization over time, and the way that culture has permitted humans to adapt to their environment. As well as discussing the general nature of the prehistoric record, the course examines such general questions as the origins of cultural behaviour, the ecology and chronology of the Pleistocene period, demographic evolution and reconstruction, and the relationship between cultural and biological evolution. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH/BANT-3206(3), BANT-4206(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3202 | ANTH-3206 | BANT-3206 | BANT-4206.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-4210 (3) Archæological Laboratory Methods (3 hrs Lecture) This course focuses on processing, analyzing, and interpreting archaeological materials. It examines a range of specialized techniques for studying lithic, ceramic, botanical, and geological evidence recovered at archaeological sites, and for establishing their temporal context. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-3210(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3210.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-4212 (3) Advanced Zooarchaeology (3 hrs Seminar/Discussion) This lecture, lab, and seminar course offers in depth examination of select issues in zooarchaeological research and analysis, with special emphasis on the interpretation of human animal relations in past cultures. Topics vary but may include microscopic analysis of bone and teeth, paleoecology, quantification of taxonomic abundance, economic utility indices, mortality profiles, and determination of animal domestication.
Cross-listed: BANT-4212(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and BANT-4212.
Requisite Courses: ANTH-3207 or BANT-3207 or or permission of the instructor [prerequisite(s)].

ANTH-4213 (3) Advanced Archæological Theory (3 hrs Lecture) Major trends in the development and application of archaeological theory are explored, with special emphasis on perspective initiated since the beginning of the 20th century. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-3213(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3213.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-4230 (6) International Field School (Project / Thesis with variable meeting hours) This field school in Archaeology and Bioarchaeology provides in-depth training in excavation, documentation, and analysis of material from an archaeological site and is typically located outside Canada (previous sessions were held in Serbia and Jamaica). Undergraduate students from University of Winnipeg are given preference in registration, however, the field course is open to upper undergraduate and graduate students from other universities. Students are required to consult the Department chair regarding the yearly location of the field course.
Cross-listed: BANT-4230(6).
Restrictions: Instructor Permission Required. Students may not hold credit for this course and BANT-4230.
Requisite Courses: ANTH-2200 and ANTH-2300 [prerequisite(s)].

ANTH-4273 (3) Material Culture in Northern Plains Indigenous History, Field Course (3 hrs Apprenticeship/Internship/Practicum) In this experiential-learning course, we explore various ways in which Indigenous and European technologies of the fur trade era complemented each other. The first half of the course is taught through seminar discussions and lectures at the University of Winnipeg/WEC, the second half of the course takes place at the ANPO-Bison Ranch, near Rossburn, Manitoba, where students have an opportunity to work with Indigenous Elders from the nearby First Nations communities, learn about and experience traditional technologies, such as tanning hides and/or manufacturing archery equipment, while being accommodated in traditional tipis and/or modern tents. Students should notify the instructor in case of dietary restrictions, plant-, animal-, or food allergies. At the 4000-level, a greater amount of written work and more in-depth primary research are required.
Cross-listed: HIST-3573(3), HIST-4573(3).

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and ANTH-3273 | HIST-3573 | HIST-4573.

ANTH-4305 (3) Problems in Biological Anthropology (3 hrs Lecture) This is an advanced seminar designed to examine selected aspects of method and/or theory in biological anthropology.
Cross-listed: BANT-4305(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and BANT-4305.
Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

ANTH-4307 (3) Advanced Human Osteology (3 hrs Seminar/Discussion) This course covers analysis and interpretation of human osteological material. Topics include skeletal indicators of demographic, pathological, and nutritional factors, and approaches to the analysis of these types of data. An understanding of basic skeletal identification is assumed.
Note: Permission of the Department Chair is required to register. Students registering with a GPA of less than 3.0 in Anthropology require the instructor's signature.
Cross-listed: BANT-4307(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4304 | BANT-4307.
Requisite Courses: ANTH-3306 (or the former ANTH-4306) or BANT-3306 or permission of the instructor [prerequisite(s)].

ANTH-4308 (3) Human Evolution (3 hrs Lecture) This course examines the evolution of our species, from the earliest hominins to the appearance of anatomically modern humans. Emphasis is on the material evidence for human evolution, and in particular the fossil record. Topics include the environmental context of human evolution, the anatomical features of bipedalism, and the debates surrounding the origins of Anatomically Modern Homo sapiens: Occasional laboratory sessions enhance and expand upon the material presented in lectures. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH/BANT-3308(3) BANT-4308(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3308 | BANT-3308 | BANT-4308.
Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

ANTH-4310 (3) The Race Concept in Physical Anthropology (3 hrs Lecture) Much of the early history of the discipline of Anthropology was geared towards understanding biological and behavioural differences between "races". Today this type of research has fallen out of favour, with the very existence of distinct biological races coming into question. This seminar course explores some of the key debates about the race concept in Physical Anthropology. The emphasis is on fostering critical reading of primary sources, and engendering active discussion on these issues in an open and non-judgmental environment.
Cross-listed: ANTH-3310(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3310.
Requisite Courses: ANTH-2300 or permission of the instructor [prerequisite(s)].

ANTH-4311 (3) Human Paleopathology (3 hrs Lecture) This seminar critically examines biological and cultural concepts and perspectives related to the study of health and disease in past populations. Topics include trauma, joint disease, infections, paleoparasitology, congenital disorders, and the role of human behaviour as a determinant of individual and population health outcomes.
Cross-listed: BANT-4311(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and BANT-4311.
Requisite Courses: ANTH-3306 (or the former ANTH-4306) or BANT-3306 or permission of the instrcutor [prerequisite(s)].

ANTH-4400 (3) Language Typology (3 hrs Lecture) This course examines and classifies a number of languages by applying the basic concepts of Anthropological Linguistics to analysis of the phonology, morphology, syntax, semantics, and pragmatics of various languages. The structure of these languages is compared and contrasted to explore typological patterns and explain structural diversity of human languages. Relations between the grammar and pragmatic features of the languages are also explored. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-3400(3), LING-3006(3) and LING-4006(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and LING-4400.
Requisite Courses: ANTH-2400 or permission of the instructor [prerequisite(s)].

ANTH-4401 (3) Semiotics and Structuralism (3 hrs Seminar/Discussion) This course provides a theoretical overview of semiotics (the study of signs and of sign systems) and structuralism (a specific method of analyzing texts). Readings include selected works by Saussure, Peirce, Jakobson, Barthes, Derrida, Lévi-Strauss and others. Special emphasis is given to Lévi-Strauss' structural analysis of myths. Through a variety of projects, students learn how to apply Lévi-Strauss' method to segment related myths and other texts into discrete units of plot, organize these into concordances, and determine patterns of syntagmatic and paradigmatic association. The strengths and weaknesses of this method are also discussed.
Cross-listed: LING-4005(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and LING-4005.
Requisite Courses: ANTH-2100 and ANTH-2400/LING-2102 or permission of the instructor [prerequisite(s)].

ANTH-4402 (3) Contemporary Linguistic Theory (30 hrs Lecture) In this course students explore several contemporary linguistic theories such as Gregory and

Malcolm's communication linguistics; Halliday's systemic functional linguistics; Pike's tagmemics; Lamb's stratificational linguistics; and Chomsky's transformational generative grammar as well as its development in government binding theory. In addition certain theories are introduced which explore the relationship between linguistics, society and culture. Examples include pragmatics and linguistic anthropology.
Cross-listed: LING-4002(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and LING-4002.
Requisite Courses: ANTH-3401 or permission of the instructor [prerequisite(s)].

ANTH-4403 (3) History of Linguistics (3 hrs Lecture) In this course students explore the history of linguistics from Panini, Plato, and Aristotle before the common era, through the centuries until the nineteen sixties. Theorists considered may include Thrax, Priscian, Sweet, Jespersen, Humboldt, Malinowski, Bloomfield, Sapir, and Saussure.
Cross-listed: LING-4001(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4801 | LING-4001.
Requisite Courses: ANTH-3401 or LING-3001 or permission of instructor [prerequisite(s)].

ANTH-4406 (3) Comparative Indo-European Linguistics and Mythology (3 hrs Lecture) This course proposes an integrated overview of Indo-European tradition based on comparative linguistics, mythology, archaeology, social structure and religion. A survey of Indo- European languages, ancient and modern, including their relationships, writing systems, and sociolinguistic context, is followed by an examination of problems in analysis and reconstruction of Indo-European proto-language and proto- culture. The course further explores major Indo-European mythological and poetic traditions, and possible reconstruction of their common sources. It also examines belief systems, literary continuations of mythopoetic material, archeological evidence and historiographic records. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-3406(3), LING-3102(3) and LING-4102(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3406 | LING-3102 | LING-4102.

ANTH-4411 (3) Indigenous Languages of South America (3 hrs Lecture) Presenting an integrated overview of the indigenous languages of South America, this course looks at main language families spoken there, their spatial distribution, history and classification, as well as their cultural background. With 53 language families and 55 isolates, South America is not only the most diverse region in linguistic terms, but also a storehouse of unusual structural features important for understanding the full range of possible variants of human language. The course also explores typological characteristics of South American languages, potential linguistic areas, proposals of more distant relationships, and the current situation of endangered languages in this region. Additional in-depth work is required to receive credit at the 4000-level.
Cross-listed: ANTH-3411(3), LING-3104(3), LING-4104(3), and IS-3104(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3411 | IS-3104 | LING-3104 | LING-4104.

APPLIED COMPUTER SCIENCE

ACS-1453 (3) Introduction to Computers (3 hrs Lecture) This course will introduce students to the basic concepts of computers: types of computers, hardware, software, and types of application systems. Students will receive instruction in a variety of software intended for personal use. Software used will include word processing, spreadsheets, databases, charting and graphing tools, and common Internet clients and resources. There will be an extensive laboratory component.
Note: This course does not apply toward the Major in Applied Computer Science.

ACS-1803 (3) Introduction to Information Systems (3 hrs Lecture) This course examines applications of information technology to businesses and other organizations. After an introduction to computers and data management, the course outlines various categories of information systems, (e.g., systems for transaction processing, managerial reporting, customer relationship management, decision support, enterprise resource planning, and e-commerce), with examples from current practice. System development, system security, systems consulting, and IT administration are also discussed. Focus is mostly on functional aspects of systems providing a valuable background for students in applied computer science, business and administration, and other disciplines. Students who require an introduction to personal computers and productivity software should take ACS-1453(3).

ACS-1805 (3) Introduction to Programming (3 hrs Lecture | 1 hrs Lab) This course covers elementary procedural programming concepts. Topics include: primitive data types and their manipulation, basic input and output and elementary control structures. In addition, topics related to a specific programming paradigm that is chosen for the course is covered. Students will gain hands-on programming experience in the laboratory component of the course.
Requisite Courses: ACS-1805L (lab) (must be taken concurrently).

ACS-1809 (3) Website Design and Development (3 hrs Lecture) This course introduces students to the concepts, programming skills, and tools related to website design and development. The topics include: website layout; creating tables, frames, menus and forms; presenting multimedia on web pages; and Internet Protocols such as HTTP and FTP. Students gain hands-on programming experience in designing websites using HTML and Cascading Style Sheets.

ACS-1903 (3) Programming Fundamentals I (3 hrs Lecture | 1 hrs Lab) This course introduces fundamental programming concepts using an object-oriented programming language. Topics to be covered include primitive data types and their manipulation, control structures, classes, objects and arrays.
Requisite Courses: Pre-Calculus Math 40S or Applied Math 40S or ACS-1805 with a minimum grade of C [prerequisite(s)]; ACS-1903L (lab) (must be taken concurrently).

ACS-1904 (3) Programming Fundamentals II (3 hrs Lecture | 1 hrs Lab) This course examines more advanced programming concepts using an object-oriented programming language. Topics to be covered include inheritance, polymorphism, sorting techniques, string processing, interfaces, files and packages.
Restrictions: Students may not hold credit for this course and ACS-1905 | BUSC-1901 | BUSC-1902 | BUSC-1904 | BUSC-1905.
Requisite Courses: ACS-1903 with a minimum grade of C [prerequisite(s)]; ACS-1904L (lab) (must be taken concurrently).

ACS-1905 (3) Programming Fundamentals (3 hrs Lecture | 1 hrs Lab) This course assumes that students already have working knowledge of an object-oriented programming language as well as effective use of data types and control structures. This course begins with an overview of the object-oriented programming language and then more advanced topics in order to extend the student's programming skill. Topics to be covered include inheritance, polymorphism, sorting techniques, string processing, interfaces, files and packages.
Restrictions: Students may not hold credit for this course and ACS-1904 | BUSC-1901 | BUSC-1902 | BUSC-1905.
Requisite Courses: Computer Science 40S with a minimum grade of 75 or equivalent, plus ACS-1805 with a minimum grade of C or Pre-Calculus Math 40S or Applied Math 40S [prerequisite(s)]; ACS-1905L (lab) (must be taken concurrently).

ACS-2102 (3) Scientific Computing (3 hrs Lecture) Many problems arising in science are too difficult to solve analytically, and thus require analysis of some form by a computer. Using the language of C/C++, this course introduces the most common programming constructs used in scientific computing. The critical importance of data structures to represent information is emphasized, which naturally leads to an object-oriented approach to problem solving. The use of external libraries, such as those for numerical analysis, to solve more advanced problems are explored, with attention paid to checks that can be made on the reliability of the results.
Cross-listed: PHYS-2102(3).
Restrictions: Students may not hold credit for this course and PHYS-2102.

ACS-2103 (3) Numeric and Symbolic Computing (3 hrs Lecture) This course provides an introduction to modern scientific software packages for numeric and symbolic computation that are commonly used in teaching, research and industry. Topics covered include functions, arrays, plotting, and data visualization. In an algorithmic self-contained way, this course introduces and discusses algebra, linear algebra, integration, differentiation, and the solution of differential equations with a focus on real world and scientific applications. Although there is no university-level mathematics prerequisite, comfort with basic algebra and rudimentary ideas in pre-calculus is

assumed.
Cross-listed: PHYS-2103(3).
Restrictions: Students may not hold credit for this course and PHYS-2103.
Requisite Courses: Pre-calculus Mathematics 40S or permission of the Physics Department [prerequisite(s)]; Strongly recommended: Some knowledge in Introductory Calculus (recommended prerequisite).

ACS-2814 (3) Applications of Database Systems (3 hrs Lecture | 1 hrs Lab) This course introduces students with limited computing experience to the principles of data management. The emphasis is on practical database experience reinforced through assignments and weekly laboratory work. Students learn first to work with a workstation-based database system and subsequently they are introduced to the design of databases and their implementation in relational systems. Topics include tables, queries, forms, reports, importing and exporting data, structured query language, entity relationship models, the relational data model, and normalization of databases. Examples, assignments, and laboratory work are drawn from a variety of different disciplines.
Restrictions: Students may not hold credit for this course and ACS-2914.
Requisite Courses: ACS-2814L (lab) (must be taken concurrently).

ACS-2816 (3) Health Information Systems (3 hrs Lecture) This course provides an overview of the important topics in Health Informatics. It discusses data as the building block for health care information including the basic concepts of data flow, data storage, and health record management within both private and public health care systems. It then addresses important issues such as security, privacy, and standards.
Requisite Courses: ACS-1803 with a minimum grade of C or permission of the Department Chair [prerequisite(s)].

ACS-2821 (3) Information Security in Business (3 hrs Lecture) The course focuses on the business aspect of information security, what information security is, and why it's important to businesses. Aside from security technologies that can be implemented to safeguard assets, aspects of governance and management of information security are considered. The development of good corporate information technologies policies and procedures, management of operational framework and controls, and information security culture and awareness are discussed in this course.
Requisite Courses: A minimum grade of C in ACS-1803(3) [prerequisite(s)].

ACS-2906 (3) Computer Architecture and System Software (3 hrs Lecture | 1 hrs Lab) The course begins with discussions of the architecture of computer hardware and progresses to an examination of system software, including its relationship to the hardware, its structure and design, and its impact on application software, system developers, and end-users. Operating system concepts such as memory management, process management, and I/O sub-systems will be covered. Other topics include language processors, system utilities, security issues, and performance management. The course provides students a hands-on experience of programming at different levels such as high level, assembly, and machine code.
Requisite Courses: ACS-1904 or ACS-1905 with a minimum grade of C [prerequisite(s)]; ACS-2906L (lab) (must be taken concurrently); MATH-1401 (must be taken previously or at the same time as this course).

ACS-2909 (3) Internet Programming (3 hrs Lecture) This course provides students with an overview of Internet and World Wide Web programming, development tools, resources, utilities, multimedia, and security issues. Students will gain hands-on experience in a scripting language such as JavaScript, Rich Internet Applications (RIAs), Web Services, and Mobile Application Development. Students not familiar with HTML and CSS are strongly encouraged to take ACS-1809(3).
Requisite Courses: ACS-1903 or ACS-1905 with a minimum grade of C [prerequisite(s)].

ACS-2913 (3) Software Requirements Analysis and Design (3 hrs Lecture) This course introduces students to the requirements definition phase of software development. It provides coverage of both traditional and object-oriented approaches to requirements analysis and design of software used in business, real-time and embedded applications. Models, notations and processes for requirements elicitation, representation, and design are discussed.
Restrictions: Students may not hold credit for this course and ACS-2911 | ACS-2912.
Requisite Courses: ACS-1903 or ACS-1905 with a minimum grade of C [prerequisite(s)].

ACS-2916 (3) Business Application Systems (3 hrs Lecture | 1 hrs Lab) This course firstly presents structured models for business processes and data needed in common transaction processing systems such as order entry, invoicing, accounts receivable and payable, purchasing, inventory and general ledger. Also, system support for manufacturing (e.g., supply chain management, robotics), for marketing (e.g., sales force automation, customer relationship management), and for human resource management (e.g., candidate selection, collective bargaining support) is highlighted, and inter-system interfaces are considered. Large, organization-wide, integrated enterprise resource planning (ERP) systems are discussed in the context of a business case. System controls and security issues are outlined for the systems studied.
Requisite Courses: ACS-1803 with a minimum grade of C [prerequisite(s)]; ACS-2916L (lab) (must be taken concurrently).

ACS-2941 (3) Unix (3 hrs Lecture) This course provides students with advanced concepts and knowledge of Unix, one of the most widely used operating systems. The course introduces students to such topics as shells, filters and pipelines, the Unix file system, processes and job control, and Internet communications. Emphasis is placed on Unix shell programming, which provides valuable tools for developing powerful applications with a minimal amount of written code.

Requisite Courses: ACS-1903 or ACS-1805 with a minimum grade of C [prerequisite(s)].

ACS-2947 (3) Data Structures and Algorithms (3 hrs Lecture | 1 hrs Lab) This course introduces fundamental data structures using an object-oriented programming language. Topics to be covered include vectors, multidimensional arrays, linked lists, stacks, queues, trees, graphs, recursion and algorithms.
Requisite Courses: ACS-1904 or ACS-1905 with a minimum grade of C [prerequisite(s)]; MATH-1401 (must be taken previously or at the same time as this course); ACS-2947L (lab) (must be taken concurrently).

ACS-2951 (3) System Administration and Networking (3 hrs Lecture) This course covers basic system administration issues of Unix and Windows operating systems (OS), principles of networking, and TCP/IP (the Internet). Students are introduced to topics such as system installation and maintenance, system, and network security and setting up different application servers such as web and SQL. Students will gain considerable hands-on experience in installing, managing, and trouble-shooting networks on the Linux and Windows platforms.
Note: In addition to Le3 there is also a La1.
Requisite Courses: ACS-2941 with a minimum grade of C [prerequisite(s)].

ACS-3700 (3) Health Informatics Practicum (3 hrs Apprenticeship/Internship/Practicum) Health Informatics Practicum is a work placement in a healthcare environment. The course facilitates professional working experience in a sponsoring health-related organization. The evaluation of the student's performance is determined by the employer's performance evaluation, a work-term performance report submitted by the student, and the departmental co-operative supervisor's evaluation. This course is graded on a pass/fail basis. Approval must be obtained from the supervising faculty member as well as from the Department Chair before enrollment.
Note: This course can only be take once for credit towards a 3-year BA/BSc ACS degree program (Health Informatics Stream). Requisites: Students should normally have completed 30 credit hours in the Health Informatics Stream and a 3.0 GPA or Department Chair's permission.
Cross-listed: COOP-3999(0 or 3).
Restrictions: Department Permission Required. Students may not hold credit for this course and COOP-3999.

ACS-3801 (3) Principles in Information Systems (3 hrs Lecture) This course is the final course for the 3 year degree in the Information Systems and the Health Informatics streams. The course can provide integration (e.g., project management), or provide more depth in specific areas of Information Systems in order to address specific thematic needs.
Note: Students cannot hold credit in ACS-3901.
Requisite Courses: ACS-2814 (or the former ACS-2914), ACS-2909, ACS-2913, and ACS-2816 or ACS-2916 with a minimum grade of C [prerequisite(s)].

ACS-3830 (3) Topics in Information Systems (3 hrs Lecture) This course treats specific topics in various areas of Information Systems of interest to the students, faculty members, and industry partners. This course integrates practical experience with the study of information systems in large organizations. The course is specifically designed for Information Systems stream students entering the work force. Students learn the strict professional requirements like quality assurance, standard compliances, risk containments, and integration issues. The industry partner provides students with organizational level requirements and input.
Note: Students cannot hold credit in ACS-3901(3).
Restrictions: Department Permission Required.
Requisite Courses: ACS-2814, ACS-2909, ACS-2913, and ACS-2916 with a minimum grade of C and permission of the Department Chair [prerequisite(s)].

ACS-3901 (3) Principles of Software Project Management (3 hrs Lecture) This course covers principles and techniques of software project management, with emphasis on the theoretical underpinnings of the competencies that are associated with software project management. The key concepts of project planning, organization, and control are covered. Specific topics covered include task breakdown; estimating, scheduling, and tracking; process and project metrics; change control; risk analysis and management; software quality and reliability models; quality assurance; and configuration management.
Restrictions: Students may not hold credit for this course and BUSC-3901 | BUSC-3920.
Requisite Courses: ACS-1904, ACS-2913 (or the former ACS-2911 and ACS-2912), and ACS-2814 (or the former ACS-2914), with a minimum grade of C [prerequisite(s)].

ACS-3902 (3) Database Systems (3 hrs Lecture) This course introduces the theory of relational, network, and hierarchical models. It covers in detail the techniques utilized in various stages of a relational database software development life cycle. These techniques include ERDs, relational models, functional dependencies, normalization, and physical data storage mechanisms. Query language fundamentals including relational algebra and SQL are also covered. A project involving the design and implementation of a database is required.
Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912) and ACS-2814 (or the former ACS-2914) with a minimum grade of C [prerequisite(s)].

ACS-3907 (3) eCommerce (3 hrs Lecture) In this course our students will explore new opportunities, risks, and technologies related to electronic commerce. Both business and technical issues are addressed. Business issues will include the role of eCommerce in the marketing plan and organizational strategy in both business-to-customer and business-to-business contexts. Technical topics will include architecture, application models, payment strategies and security. This course is designed for double majors in Applied Computer Science and Business and Administration.
Requisite Courses: ACS-1803 with a minimum grade of C or permission of the Department Chair [prerequisite(s)]; ACS-1809 (must be taken previously or at the same time as

this course).

ACS-3909 (3) Advanced Internet Programming (3 hrs Lecture) This course provides students with a thorough knowledge of server-side web programming. Topics include n-tiered systems, session tracking, interfaces and stereotypes, dynamic web page design, database connections, and XML processing. Students gain considerable knowledge and experience by learning important features needed for e-commerce, applying advanced web application techniques, and utilizing web databases.
Requisite Courses: ACS-1904, ACS-2909, ACS-2814 (or the former ACS-2914) with a minimum grade of C [prerequisite(s)].

ACS-3911 (3) Computer Networks (3 hrs Lecture) This course is an introduction to fundamental concepts in computer networks. It covers the principles, technology, protocols, and algorithms of computer networks. The layers of the network stack are discussed, with particular focus on the internet network stack. Topics of discussion include network technologies, simple and sliding window protocols, routing and routing algorithms, congestion control, quality of service, security, and network applications.
Restrictions: Students may not hold credit for this course and ACS-3811.
Requisite Courses: ACS-2909 and ACS-2913 (or the former ACS-2911 and ACS-2912) with a minimum grade of C [prerequisite(s)].

ACS-3913 (3) Software Design and Architecture (3 hrs Lecture) This is an advanced course in software design that examines recent advances in the design of larger application systems. Topics include software architecture, object-oriented analysis and design, software patterns, and the Unified Modeling Language (UML).
Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912) and ACS-2947 with a minimum grade of C [prerequisite(s)].

ACS-3916 (3) Human Computer Interaction (3 hrs Lecture) This course covers the fundamentals and concepts of design, implementation, and evaluation of human-computer interfaces. Topics include human cognitive aspects; user-centred design; design goals and principles; interface and interaction types; prototyping and construction; and evaluation methods. In order to make a balance between theory and practice, emphasis is placed on a course-end project involving design, implementation and evaluation of the user interface for a specific application. In this double-numbered course, the course-end project work in ACS-3916(3) is oriented toward the Applied Computer Science stream, while in ACS-3816(3) it is adapted to the Information Systems and Health Informatics streams.
Restrictions: Students may not hold credit for this course and ACS-3816.
Requisite Courses: ACS-2909 and ACS-2814 (or the former ACS-2914) with a minimum grade of C [prerequisite(s)].

ACS-3921 (3) Computer Security and Privacy (3 hrs Lecture) This course introduces students to the security and privacy issues in computer systems. It covers the fundamental computer security techniques such as encryption methods, public key cryptography, hash function and signature schemes, key exchange protocols, authentication and access control models. The course also examines the applications of these techniques for multimedia security, intrusion detection, copyright and password protection, and protection from malicious programs. Privacy preserving techniques such as data aggregation, perturbation, k-anonymity and l-diversity, and ethical issues are also discussed. Students at the ACS-4921(3) level additionally undertake comprehensive project on a topic related to computer security and privacy.
Cross-listed: ACS-4921(3).
Restrictions: Students may not hold credit for this course and ACS-4921.
Requisite Courses: ACS-2906 and ACS-2947 with a minimum grade of C, or permission of the Department Chair [prerequisite(s)].

ACS-3923 (3) Technical Communications in ICT Professions (3 hrs Lecture) This course addresses written and oral communication in Information and Communication Technology (ICT) work environments. Effective communication with technical personnel, system users and organizational executives are emphasized. This will include items of business correspondence, common technical documents in system development and items of end-user documentation. Students will not only learn about content and format of items of writing but will also develop writing skills through numerous practical exercises. Oral communication in requirements elicitation, meetings, and professional presentations will also be included.
Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912) with a minimum grade of C or permission of the Department Chair [prerequisite(s)].

ACS-3930 (3) Topics in Applied Computer Science (3 hrs Lecture) This course treats specific topics in various areas of applied computer science of interest to the student and faculty member.
Restrictions: Students may not hold credit for this course and BUSC-3930.
Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912) and ACS-2947 with a minimum grade of C [prerequisite(s)].

ACS-3931 (3) Principles of Operating Systems (3 hrs Lecture) This course covers the principles and design of operating systems. In the first half of the course students are introduced to multiprogramming and become familiar with the process and thread abstractions. Students are introduced to concurrent programming. Topics include: mutual exclusion, synchronization, and inter-process communication. The second half of the course introduces students to the roles and components of operating systems, and how these components interact. Topics include process control, memory management, file systems, and input/output.
Requisite Courses: ACS-2906 and ACS-2947 with a minimum grade of C [prerequisite(s)].

ACS-3941 (3) Implementation Issues in Object Oriented Languages (3 hrs Lecture) This course focuses on advanced features of a contemporary OO language. Emphasis is on implementation issues and strengthening programming skills of students.
Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912) and ACS-2947 with a minimum grade of C [prerequisite(s)].

ACS-3947 (3) Algorithm Design (3 hrs Lecture) This course focuses on the connection between data structures and the corresponding algorithms, including simple analysis of computational complexity. The emphasis is on comparative study of alternate ways to implement solutions to computing problems.
Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912) and ACS-2947 with a minimum grade of C [prerequisite(s)].

ACS-4306 (3) Applied Parallel Programming (3 hrs Lecture | 1 hrs Lab) This course focuses on parallel and distributed computing in high-performance scientific application, using the parallel execution model, a generalization of the traditional single threaded paradigm. The course covers multi-core processors, concurrency, parallel execution, latency, communication and coordination among processes, message passing, shared-memory models, optimization techniques, parallel algorithms, decomposition strategies, system architecture, and performance analysis and tuning. Using the language C/C++, students gain hands on experience writing scalable parallel applications for Graphics Processing Units.
Note: Students who have taken ACS-4306 will not be eligible to take the Master of Science course GACS-7306.
Requisite Courses: ACS-2947 with a minimum grade of C+ and ACS-3913 with a minimum grade of C [prerequisite(s)]; ACS-4306L (lab) (must be taken concurrently).

ACS-4901 (6) Senior Systems Development Project (3 hrs Lecture | Project / Thesis) This course applies the principles and techniques of software project management covered in ACS-3901(3) to a significant systems development project undertaken by students in teams. A project proposal, project plan, regular status reports, and a completion report are required. All work must conform to proper analysis, design, programming, and documentation standards. Each team holds status reviews at appropriate life-cycle milestones. A final presentation and a formal demonstration of the system are required at the end of the project.
Restrictions: Students may not hold credit for this course and BUSC-3920 | BUSC-4901.
Requisite Courses: ACS-2814 (or the former ACS-2914), ACS-3901, ACS-3902, and ACS-3913 with a minimum grade of C, and a minimum Average GPA of 2.0 in all ACS-xxxx courses previously taken [prerequisite(s)].

ACS-4902 (3) Advanced Database Systems (3 hrs Lecture) This course is a continuation of ACS-3902(3). It deals with advanced topics in database design, use, and administration. Database design topics include enhanced ER diagrams and object-oriented data modelling. Other topics include transaction processing, concurrency control and recovery, security, and integrity. Object-oriented databases and client-server architectures will also be discussed.
Requisite Courses: ACS-2947 and ACS-3902 with a minimum grade of C [prerequisite(s)].

ACS-4904 (3) Data Warehousing (3 hrs Lecture) This course explores the role of data warehouses in supporting decision-making in organizations. Topics include definition of a data warehouse; extracting, cleansing, and transforming data; building and maintaining the warehouse; meta data; dimensional analysis and multidimensional modeling; multidimensional data structures; Star schemas; OLAP (On Line Analytical Processing); drilling down and across; and web deployment.
Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912), ACS-2947, and ACS-3902 with a minimum grade of C [prerequisite(s)].

ACS-4906 (3) Conceptual Modeling (3 hrs Lecture) This course explores the role of conceptual modeling in the development of information systems. A conceptual model is an abstraction of reality that serves as a communication mechanism between the stakeholders of a system and its developers. The course covers various approaches proposed for conceptual modeling including UML, EERD, and ORM. Students gain considerable practical experience with pertinent software tools.
Requisite Courses: ACS-3902 with a minimum grade of C [prerequisite(s)].

ACS-4921 (3) Computer Security and Privacy (3 hrs Lecture) This course introduces students to the security and privacy issues in computer systems. It covers the fundamental computer security techniques such as encryption methods, public key cryptography, hash function and signature schemes, key exchange protocols, authentication and access control models. The course also examines the applications of these techniques for multimedia security, intrusion detection, copyright and password protection, and protection from malicious programs. Privacy preserving techniques such as data aggregation, perturbation, k-anonymity and l-diversity, and ethical issues are also discussed. Students at the ACS-4921 level additionally undertake a comprehensive project on a topic related to computer security and privacy.
Cross-listed: ACS-3921(3).
Restrictions: Students may not hold credit for this course and ACS-3921.
Requisite Courses: ACS-2906 and ACS-2947 with a minimum grade of C or permission of the Department Chair [prerequisite(s)].

ACS-4930 (6) Research Project in Applied Computer Science (3 hrs Directed Reading) This course is designed to allow a student to conduct a specific research project under the supervision of a faculty member. An essential component of the course is an oral presentation and a written report of the results. Approval for the planned project must be obtained from the supervising faculty member as well as from the Department Chair before

enrolment.
Restrictions: Department Permission Required. Students may not hold credit for this course and BUSC-4930.
Requisite Courses: 30 credit hours of course work in Applied Computer Science and written permission from the Department Chair [prerequisite(s)].

ACS-4931 (3) Research Project in Applied Computer Science (3 hrs Directed Reading) This course is designed to allow a student to conduct a specific research project under the supervision of a faculty member. An essential component of the course is an oral presentation and a written report of the results. Approval for the planned project must be obtained from the supervising faculty member as well as from the Department Chair before enrolment.
Restrictions: Department Permission Required. Students may not hold credit for this course and BUSC-4931.
Requisite Courses: 30 credit hours of course work in Applied Computer Science and written permission from the Department Chair [prerequisite(s)].

ACS-4953 (3) Introduction to Machine Learning (3 hrs Lecture) This course is an introduction to the broad field of machine learning. Machine learning provides the technical basis for data mining. This course examines the foundations and implementations of several machine learning algorithms. Specific topics include: rule and tree-based classifiers, bayesian models, clustering techniques and numeric prediction. Popular machine learning tool sets will be used to gain practical hands-on experience in i) preparing the data, ii) applying the various learning techniques and iii) interpreting the credibility of the results.
Requisite Courses: ACS-3902, MATH-1401, and any 3 credit hour Statistics course with a minimum grade of C [prerequisite(s)].

ACS-4954 (3) Introduction to Distributed Systems (3 hrs Lecture) This course is an introduction to the broad field of distributed systems. It focuses on introducing students to the benefits, challenges, methods, and implementations of distributed systems. Reasons for deploying distributed systems, such as fault tolerance and agglomeration of computational resources are discussed. Other topics include implementation challenges such as synchronization and replication in the presence of faults. Common system architectures that address some of these challenges are also introduced. Students are expected to implement some of these architectures to reinforce the lecture material.
Requisite Courses: ACS-2906, ACS-3911, and MATH-1401 with a minimum grade of C [prerequisite(s)].

BIOANTHROPOLOGY

BANT-2119 (3) Medical Anthropology (3 hrs Lecture) Medical anthropology is a subfield of anthropology. It informs our understandings of the experiences and distribution of health, the prevention and the treatment of the sick in different cultural groups and the role of pluralistic medical systems. Critical health disparities between marginalized populations in developed countries as well as between developing and developed countries are increasingly prevalent and complex in nature. This course looks at ethnomedicine, disease ecology and Indigenous perspectives on health and illness.
Cross-listed: ANTH-2119(3).
Restrictions: Students may not hold credit for this course and ANTH-2119.
Requisite Courses: ANTH-1001(6), ANTH-1002(3) or ANTH-1005(3) or permission of the instructor [prerequisite(s)].

BANT-2300 (3) Method and Theory in Biological Anthropology (3 hrs Lecture) This core course examines the theoretical framework of Biological (Physical) Anthropology and the nature of current human biological variation. Topics include evolutionary theory, human genetics, modern human biological variation, human adaptation to the environment, and demographic processes.
Cross-listed: ANTH-2300(3).
Restrictions: Students may not hold credit for this course and ANTH-2300.
Requisite Courses: ANTH-1001 or ANTH-1003 or any 1000-level Biology course, or permission of the instructor [prerequisite(s)].

BANT-2304 (3) Introduction to Forsensic Anthropology (3 hrs Lecture) This course introduces key aspects of forensic anthropology in a framework that is not dependent upon prior knowledge of scientific methods. Topics include approaches to the interpretation of skeletal remains and DNA evidence, and the application of information from other sciences to forensic analysis.
Cross-listed: ANTH-2304(3).
Restrictions: Students may not hold credit for this course and ANTH-2304.
Requisite Courses: Completion of 30 credit hours [prerequisite(s)].

BANT-3206 (3) The Origins of Human Culture (3 hrs Lecture) Looking at developments in the Old World, this course examines the two million year period from the first appearance of human culture to the agricultural revolution some twelve thousand years ago. It emphasizes the increase in cultural complexity and specialization over time, and the way that culture has permitted humans to adapt to their environment. As well as discussing the general nature of the prehistoric record, the course examines such general questions as the origins of cultural behaviour, the ecology and chronology of the Pleistocene period, demographic evolution and reconstruction, and the relationship between cultural and biological evolution. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-3206(3), ANTH/BANT-4206(3).
Restrictions: Students may not hold credit for this course and ANTH-3202 | ANTH-3206 | ANTH-4206 | BANT-4206.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

BANT-3207 (3) Zooarcheology (3 hrs Lecture) This course introduces analytical and theoretical aspects of zooarchaeology through lectures and laboratory exercises focusing on the comparative skeletal anatomy of various mammal, bird, fish, amphibian, and reptile species. Topics include post-depositional changes to bones, sampling and recovering faunal remains, ageing and sexing of bone, reconstructing past environments and human dietary strategies, evidence of animal domestication, and bone tool technology.
Cross-listed: ANTH-3207(3).
Restrictions: Students may not hold credit for this course and ANTH-3207.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

BANT-3306 (3) Human Osteology (3 hrs Lecture) This course covers basic human osteological development and identification. Topics include indicators of age and sex and comparison of primate and non-primate features. Emphasis is on the laboratory identification of complete and incomplete human skeletal material.
Cross-listed: ANTH-3306(3).
Restrictions: Students may not hold credit for this course and ANTH-3306 | ANTH-4306.
Requisite Courses: Credit in at least one course in Physical/Biological Anthropology, or permission of the instructor [prerequisite(s)].

BANT-3308 (3) Human Evolution (3 hrs Lecture) This course examines the evolution of our species, from the earliest hominins to the appearance of anatomically modern humans. Emphasis is on the material evidence for human evolution, and in particular the fossil record. Topics include the environmental context of human evolution, the anatomical features of bipedalism, and the debates surrounding the origins of Anatomically Modern Homo sapiens: Occasional laboratory sessions enhance and expand upon the material presented in lectures.
Cross-listed: ANTH-3308(3), ANTH/BANT-4308(3).
Restrictions: Students may not hold credit for this course and ANTH-3308 | ANTH-4308 | BANT-4308.
Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

BANT-4206 (3) The Origins of Human Culture (3 hrs Lecture) Looking at developments in the Old World, this course examines the two million year period from the first appearance of human culture to the agricultural revolution some twelve thousand years ago. It emphasizes the increase in cultural complexity and specialization over time, and the way that culture has permitted humans to adapt to their environment. As well as discussing the general nature of the prehistoric record, the course examines such general questions as the origins of cultural behaviour, the

ecology and chronology of the Pleistocene period, demographic evolution and reconstruction, and the relationship between cultural and biological evolution. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH/BANT-3206(3), ANTH-4206(3).
Restrictions: Students may not hold credit for this course and ANTH-3202 | ANTH-3206 | ANTH-4206 | BANT-3206.
Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

BANT-4212 (3) Advanced Zooarcheology (3 hrs Lecture) This lecture, lab, and seminar course offers in depth examination of select issues in zooarchaeological research and analysis, with special emphasis on the interpretation of human animal relations in past cultures. Topics vary but may include microscopic analysis of bone and teeth, paleoecology, quantification of taxonomic abundance, economic utility indices, mortality profiles, and determination of animal domestication.
Cross-listed: ANTH-4212(3).
Restrictions: Students may not hold credit for this course and ANTH-4212.
Requisite Courses: ANTH-3207 or BANT-3207 or permission of the instructor [prerequisite(s)].

BANT-4230 (6) International Field School (Project / Thesis with variable meeting hours) This field school in Archaeology and Bioarchaeology provides in-depth training in excavation, documentation, and analysis of material from an archaeological site and is typically located outside Canada (previous sessions were held in Serbia and Jamaica). Undergraduate students form University of Winnipeg are given preference in registration, however, the field course is open to upper undergraduate and graduate students from other universities. Students are required to consult the Department Chair regarding the yearly location of the field course.
Cross-listed: ANTH-4230(6).
Restrictions: Instructor Permission Required. Students may not hold credit for this course and ANTH-4230.
Requisite Courses: ANTH-2200 and ANTH-2300 [prerequisite(s)].

BANT-4303 (3) Problems in Human and Primate Evolution (3 hrs Seminar/Discussion) This is an advanced seminar designed to examine selected aspects of human and/or primate evolution in detail.
Cross-listed: ANTH-4303(3).
Restrictions: Students may not hold credit for this course and ANTH-4303.
Requisite Courses: At least one course in Biological Anthropology or permission of the instructor [prerequisite(s)].

BANT-4305 (3) Problems in Biological Anthropology (3 hrs Lecture) This is an advanced seminar designed to examine selected aspects of method and/or theory in biological anthropology.
Cross-listed: ANTH-4305(3).
Restrictions: Students may not hold credit for this course and ANTH-4305.
Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

BANT-4307 (3) Advanced Human Osteology (3 hrs Seminar/Discussion) This course covers analysis and interpretation of human osteological material. Topics include skeletal indicators of demographic, pathological, and nutritional factors, and approaches to the analysis of these types of data. An understanding of basic skeletal identification is assumed.
Note: Permission of the Department Chair is required to register. Students registering with a GPA of less than 3.0 in Anthropology require the instructor's signature.
Cross-listed: ANTH-4307(3).
Restrictions: Students may not hold credit for this course and ANTH-4304 | ANTH-4307.
Requisite Courses: ANTH-3306 (or the former ANTH-4306) or BANT-3306 or permission of the instructor [prerequisite(s)].

BANT-4308 (3) Human Evolution (3 hrs Lecture) This course examines the evolution of our species, from the earliest hominins to the appearance of anatomically modern humans. Emphasis is on the material evidence for human evolution, and in particular the fossil record. Topics include the environmental context of human evolution, the anatomical features of bipedalism, and the debates surrounding the origins of Anatomically Modern Homo sapiens: Occasional laboratory sessions enhance and expand upon the material presented in lectures. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: ANTH-4308(3), ANTH/BANT-3308(3).
Restrictions: Students may not hold credit for this course and ANTH-3308 | ANTH-4308 | BANT-3308.
Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

BANT-4311 (3) Human Palaeopatholy (3 hrs Lecture) This seminar critically examines biological and cultural concepts and perspectives related to the study of health and disease in past populations. Topics include trauma, joint disease, infections, paleoparasitology, congenital disorders, and the role of human behaviour as a determinant of individual and population health outcomes.
Cross-listed: ANTH-4311(3).
Restrictions: Students may not hold credit for this course and ANTH-4311.
Requisite Courses: ANTH-3306 (or the former ANTH-4306) or BANT-3306 or permission of the instructor [prerequisite(s)].

BIOCHEMISTRY

BCHM-2119 (3) Summer Institute in Disease and Policy (2 hrs Lecture | 1 hrs Seminar/Discussion) A team of professionals presents advances to students on biomedical, clinical, diagnostic, epidemiological, sociological, and other aspects of diseases and health conditions, including indigenous healing. The course evaluates their impacts on the well-being of the global populace. Human rights, aboriginal and indigenous issues, gender, sexuality, human potential, economics, business and development, etc, are addressed. Lectures and round table discussions engender dialogue. Principles of "Responsibility to Protect" and "Strategic Engagement" are explored in developing public policy, to entrench global health and the other noble values. Assignments differ at each level. This course can be repeated for credit when the topic varies.
Cross-listed: MULT-2119(3).
Restrictions: Students may not hold credit for this course and MULT-2119.
Requisite Courses: 30 credit hours in an undergraduate program; including at least 3 credit hours of 1000 level (or higher) in Biology, or permission of the instructor [prerequisite(s)].

BCHM-4119 (4.5) Summer Institute in Disease and Policy (3 hrs Lecture | 1.5 hrs Seminar/Discussion) A team of professionals presents advances to students on biomedical, clinical, diagnostic, epidemiological, sociological, and other aspects of diseases and health conditions, including indigenous healing. The course evaluates their impacts on the well-being of the global populace. Human rights, aboriginal and indigenous issues, gender, sexuality, human potential, economics, business and development, etc, are addressed. Lectures and round table discussions engender dialogue. Principles of "Responsibility to Protect" and "Strategic Engagement" are explored in developing public policy, to entrench global health and the other noble values. Assignments differ at each level. This course can be repeated for credit when the topic varies.
Cross-listed: MULT-4119(4.5).
Restrictions: Students may not hold credit for this course and MULT-4119.
Requisite Courses: 30 credit hours in an undergraduate program; including at least 3 credit hours of 1000 level (or higher) in Biology, or permission of the instructor [prerequisite(s)].

BIOLOGY

BIOL-1005 (6) Concepts in Science (3 hrs Lecture) This course explores science at a qualitative level from this interdisciplinary viewpoint, with an aim to foster scientific literacy and develop critical thinking skills that are so crucial in today's society. Topics are drawn from biology, chemistry, geography, and physics, and range from the large - the universe, the earth, and ecosystems - to the small - cells, molecules, and atoms. Emphasis is placed on the unifying concepts running through such diversity, with activities and demonstrations forming an integral component.
Cross-listed: MULT-1005(6) and PHYS-1005(6).
Restrictions: Students may not hold credit for this course and MULT-1005 | PHYS-1005.

BIOL-1102 (6) Biology and Human Concerns (3 hrs Lecture) This course deals with the chemistry of life, cellular structure and function, genetics, natural ecosystems, impact of human populations and activities, food and water safety issues, consumer health awareness, global and Manitoban environmental concerns.

BIOL-1103 (6) Human Biology (3 hrs Lecture) This course deals with the fundamental principles of anatomy, physiology, reproduction, and development. It deals with biological theories and practices using humans as the principal example.
Restrictions: Students may not hold credit for this course and KIN-2204.

BIOL-1106 (3) Environmental Biology (3 hrs Lecture) This course will provide students with an understanding of the interrelationship of living organisms with each other and with their environment. The course will examine the following: the biological basis of environmental damage caused by human population growth; the use and depletion of resources; pollution; and ways in which environmental problems can be minimized.
Note: BIOL-1106 may be used towards fulfilling the science requirement for the BA degree. This course cannot be used to fulfill the requirements for the Biology major. Note: Students must obtain credit in both BIOL-1115(3) and BIOL-1116(3) to satisfy the requirements for a major in Biology. Students can elect to take up to 6 additional credit hours at the 1000 level; however, these additional credit hours will not count towards the requirement for a major in Biology. Students who wish to use BIOL-1112(6) (Human Anatomy and Physiology) as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair.

BIOL-1112 (6) Human Anatomy and Physiology (3 hrs Lecture | 3 hrs Lab) This course deals with the biological study of the human organism; microscopic and gross anatomy; cellular and general physiology, and human genetics. This course is a prerequisite for the Degree program in Athletic Therapy.
Note: Students who wish to use this course as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair. Note: Students must obtain credit in both BIOL-1115(3) and BIOL-1116(3) to satisfy the requirements for a major in Biology. Students can elect to take up to 6 additional credit hours at the 1000 level; however, these additional credit hours will not count towards the requirement for a major in Biology. Students who wish to use BIOL-1112(6) (Human Anatomy and Physiology) as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair. Note: Students with standing in BIOL-1112(6) are not allowed to register or receive credit for KIN-2204(3).
Requisite Courses: BIOL-1112L (lab) (must be taken concurrently).

BIOL-1115 (3) Cells and Cellular Processes (3 hrs Lecture | 3 hrs Lab) This course will focus on the structural components, biochemistry, and physiology of cells. Topics to be covered will include structure and function of macromolecules, introduction to metabolism, cells and cell structure, cellular respiration, photosynthesis, mitosis and meiosis, life cycles, Mendelian genetics, chromosomes and heredity, DNA structure and replication, transcription and translation, and DNA technology. The laboratory component of this course will both supplement and support the lecture material. The course is designed for students who intend to (a) major in Biology, (b) take a teaching Major or Minor in Biology in the BEd program, (c) take a BSc in Environmental Studies, or (d) take a BA in the B stream of Developmental Studies.
Note: Students who have credit in one of Chemistry 40S and Pre-Calculus Mathematics 40S, but not in both, may, under certain conditions, qualify to register in this course. Note: Cells and Cellular Processes is a prerequisite for all 2000-, 3000- and 4000-level courses in Biology It is also a required course for entry to Agriculture, Dentistry, Human Ecology, Medical Rehabilitation, Nursing Education, Optometry, Pharmacy, and Veterinary Medicine. Note: Students must obtain credit in both BIOL-1115(3) and BIOL-1116(3) to satisfy the requirements for a major in Biology. Students can elect to take up to 6 additional credit hours at the 1000 level; however, these additional credit hours will not count towards the requirement for a major in Biology. Students who wish to use BIOL-1112(6) (Human Anatomy and Physiology) as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair.
Requisite Courses: Pre-Calculus Math 40S or Applied Math 40S, and Chemistry 40S [prerequisite(s)]; BIOL-1115L (lab) (must be taken concurrently).

BIOL-1116 (3) Evolution, Ecology and Biodiversity (3 hrs Lecture | 3 hrs Lab) This course surveys evolution, ecology and biodiversity. Specific topics include evolutionary mechanisms, microevolution, speciation, phylogeny, systematics, eukaryote and prokaryote diversity, behavioural, population, community and ecosystem ecology, and conservation biology. The laboratory emphasizes the diversity of living organisms.
Note: Students who have credit in one of Chemistry 40S and Pre-Calculus Mathematics 40S, but not in both, may, under certain conditions, qualify to register in this course. Note: Evolution, Ecology and Biodiversity is a prerequisite for all 2000-, 3000- and 4000-level courses in Biology It is

also a required course for entry to Agriculture, Dentistry, Human Ecology, Medical Rehabilitation, Nursing Education, Optometry, Pharmacy, and Veterinary Medicine. Note: Students must obtain credit in both BIOL-1115(3) and BIOL-1116(3) to satisfy the requirements for a major in Biology. Students can elect to take up to 6 additional credit hours at the 1000 level; however, these additional credit hours will not count towards the requirement for a major in Biology. Students who wish to use BIOL-1112(6) (Human Anatomy and Physiology) as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair.
Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S, and Chemistry 40S [prerequisite(s)]; BIOL-1116L (lab) (must be taken concurrently).

BIOL-2111 (6) Comparative Chordate Zoology (3 hrs Lecture | 3 hrs Lab) This course deals with the functional anatomy, adaptations, and evolution of the Protochordata, Agnatha, Chrondrichthyes, Osteichthyes, Amphibia, Reptilia, Aves, and Mammalia.
Restrictions: Students may not hold credit for this course and BIOL-2116.
Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2111L (lab) (must be taken concurrently).

BIOL-2115 (3) Biology of the Invertebrates (3 hrs Lecture | 3 hrs Lab) This course provides a synopsis of the major taxa of invertebrates to demonstrate the richness in diversity of this dominant sub-group of animals and to illustrate their importance to the functioning of natural ecosystems. Major aspects of invertebrate biology that distinguish invertebrates from and unite them with other taxa are considered in detail. The major biological pillars - anatomy, physiology, behaviour, ecology and evolution - are emphasized from a systems approach with appropriate, comparative examples drawn from different invertebrate groups to explain how disparate animal groups solve similar survival and reproductive problems posed by a common environment.
Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2115L (lab) (must be taken concurrently).

BIOL-2116 (3) Biology of the Vertebrates (3 hrs Lecture | 3 hrs Lab) This course introduces students to the evolution, diversity and functional anatomy of vertebrate animals including fishes, amphibians, reptiles, birds, and mammals. We focus on major transformations in vertebrate life (e.g., the basic body plan; the move from water to land; the origin of flight; endothermy) and the evolutionary and ecological processes underlying these transformations.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and BIOL-2111.
Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2116L (lab) (must be taken concurrently).

BIOL-2152 (3) Introduction to Algae, Fungi and Mosses (3 hrs Lecture | 3 hrs Lab) This course provides an introduction to the morphology, life histories, evolution and ecology of the algae, fungi, mosses and their allies. Emphasis will be placed on local organisms. The laboratory work is a major component of the course.
Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2152L (lab) (must be taken concurrently).

BIOL-2153 (3) Biology of Vascular Plants (3 hrs Lecture | 3 hrs Lab) This course explores the evolution and ecology of the nine extant groups of vascular plants. Their success in ancient and contemporary environments is examined through consideration of structural diversity, life history, and reproductive biology. Emphasis will be placed on local flora.
Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2153L (lab) (must be taken concurrently).

BIOL-2301 (3) Genetics (3 hrs Lecture | 3 hrs Lab) Genetics is central to the study of Biology. It deals with the processes of heredity at all levels, from molecules to populations. Genetic analysis is a logical process; the steps we use today are much the same as those employed by Mendel. Genetic phenomena are analyzed using chemical, biochemical, mathematical, and physical techniques. This course will give you an understanding of the subject as a whole and provide you with a sound basis for evaluating contemporary issues such as genetic engineering, environmental mutagens, heritable human diseases etc. Topics to be covered will include: extensions to Mendelian analysis, mapping techniques, gene mutation, the effects of changes in chromosome number and chromosome structure, the genetics of bacteria and their viruses, the nature of the gene, recombinant DNA technology, and population genetics.
Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2301L (lab) (must be taken concurrently).

BIOL-2401 (1) Forest Field Skills Camp (3 hrs Lecture) This intensive two-week field course is mandatory for students in the Forest Ecology program and is designed to give students field survival and basic forestry skills. Topics include bush camp construction; safe use of boats, ATVs, and chain saws; and basic bush survival skills. Students also learn how to correctly use topographical maps, compasses, air photos, GIS maps and other forestry equipment. This course is offered at University College of the North at The Pas, Manitoba.
Cross-listed: ENV-2401(1).
Restrictions: Students may not hold credit for this course and ENV-2401.

BIOL-2403 (3) Principles of Ecology (3 hrs Lecture | 3 hrs Lab) This course is concerned with general concepts in ecology. Topics covered will include energy flow, biochemical cycles, populations, communities, and human ecology.
Requisite Courses: BIOL-1115 and BIOL-1116

[prerequisite(s)]; BIOL-2403L (lab) (must be taken concurrently).

BIOL-2451 (3) Introduction to Animal Behaviour (3 hrs Lecture) This course provides an introduction to the evolutionary basis of animal behaviour, covering such topics as the relationship between genes and behaviour, communication, foraging, locomotion, mating behaviour, and the social interactions that contribute to the biological success of animals. Each of the major topics is outlined with respect to cost and benefits of different behaviours within particular ecological contexts and explicit examples are drawn from different animal taxa to illustrate the concepts. The course is expected to provide a foundation and context for other related disciplines in biology, especially physiology and ecology, and to illustrate how behaviours function to solve problems for animals.
Requisite Courses: BIOL-1115 and BIOL-1116 or BIOL-1102 [prerequisite(s)].

BIOL-2477 (3) Forest Measurement (3 hrs Lecture) Students study the various methods, techniques, and statistical approaches to measuring tree growth and assessing forest inventory. This course examines individual tree growth and measurement(growth and yield) and the measurement of standing and harvested trees from an inventory and volume perspective.
Note: This course is intended for students enrolled in the Forest Ecology Program in Environmental Studies. Students not in this program but wishing to take this course need the permission of the instructor.
Requisite Courses: STAT-1301 or STAT-1501 (or the former STAT-1201) or PSYC-2101 or GEOG-2309 (must be taken previously or at the same time as this course).

BIOL-2902 (3) Biology of Bacteria and Archaea (3 hrs Lecture | 3 hrs Lab) This course provides an introduction to the morphology, cellular physiology, ecology and biotechnology applications of the domains Bacteria and Archaea. In the laboratory, emphasis is placed on examining the fundamental principles and methods used in culturing, characterizing, and classifying Bacteria.
Requisite Courses: BIOL-1115 and BIOL-1116 and CHEM-1111 and CHEM-1112 [prerequisite(s)]; BIOL-2902L (lab) (must be taken concurrently).

BIOL-3112 (3) Ecology and Evolution of Mammals (3 hrs Lecture | 3 hrs Lab) The ecology and evolution of living mammals is examined by considering aspects of their evolutionary history, behaviour and ecology, drawing comparisons with other vertebrate groups. Lab exercises expose students to a variety of methods used in research on mammals (e.g., analysis of carnivore diet, acoustic analysis, behavioural research, radio-telemetry). Guest presentations and field trips expose students to opportunities for professional work with mammals and other vertebrates (e.g., work in wildlife biology, zoos, provincial or federal parks).
Requisite Courses: BIOL-2403 and either BIOL-2111 or BIOL-2451 [prerequisite(s)]; BIOL-3112L (lab) (must be taken concurrently).

BIOL-3152 (3) Flora of Manitoba (3 hrs Lecture | 3 hrs Lab) Because knowledge of the flora of Manitoba is essential to field biologists, this course includes discussion of the origin and present composition of the Manitoba flora, identification, description, collection, nomenclature, classification, and evolutionary relationships of plants. Laboratory work consists of examination of the more important plant families and habitats in the province.
Requisite Courses: BIOL-2153 [prerequisite(s)]; BIOL-3152L (lab) (must be taken concurrently).

BIOL-3163 (3) Seed Plant Anatomy and Physiology (3 hrs Lecture) This course examines the anatomy and physiology of seed plants. Topics include plant and cell architecture, energy flow, acquisition and transport of resources, signal transduction, growth and allocation, and life cycles. Readings and assignments emphasize interactions between plants and their environments, interdependence between plants and other organisms, and plant adaptations to stress, disturbance, and competition.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: BIOL-2153 [prerequisite(s)].

BIOL-3202 (3) Histology (3 hrs Lecture | 3 hrs Lab) This course examines the microscopic structure of vertebrate tissues and organs, with stress on mammalian histology. Consideration is also given to structure-function relationships.
Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-3202L (lab) (must be taken concurrently).

BIOL-3221 (3) Cell Biology (3 hrs Lecture | 3 hrs Lab) This course examines the ultrastructure of cells and sub-cellular organelles. The study includes the interrelationship of structure and function, cellular biochemistry, bioenergetics, and cellular differentiation.
Note: Students are advised not to attempt this course unless they have obtained a grade of at least C in CHEM-2202(3) and CHEM-2203(3).
Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-3221L (lab) (must be taken concurrently).

BIOL-3303 (3) Molecular Genetics and Genomics (3 hrs Lecture | 3 hrs Lab) This course deals with basic genetic techniques and phenomena at the molecular level. Topics covered include transcription, translation and the genetic code, regulation of gene expression in prokaryotes and eukaryotes, recombinant DNA technology and its applications, genomics, manipulation of sequence database information and sequence data analysis.
Requisite Courses: BIOL-2301 [prerequisite(s)]; BIOL-3303L (lab) (must be taken concurrently).

BIOL-3410 (3) Freshwater Ecology (3 hrs Lecture | 3 hrs Lab) This course examines the environmental and biotic processes which operate in aquatic environments. Special emphasis is placed on Manitoba ecosystems. Topics covered include the following: water quality, physical and chemical processes operating in freshwaters, and an

overview of freshwater organisms that constitute aquatic communities.
Requisite Courses: BIOL-2403 [prerequisite(s)]; BIOL-3410L (lab) (must be taken concurrently).

BIOL-3452 (3) Behavioural Ecology and the Prairie Grasslands: Field Course (3 hrs Field Study) This course focuses on the ecology, evolution, behaviour, and conservation of animals living in grassland habitats. Students develop basic field skills and familiarity with the scientific process while addressing questions about predation, social behaviour, parental care, and communication in species as diverse as rattlesnakes, bison, deer, coyotes, and nesting birds. The two week course takes place at three significant prairie sites: the tall grass prairie of Manitoba, Grasslands National Park in Saskatchewan, and the McIntyre Ranch in Alberta. Students need to be prepared to live and work outside in a variety of weather conditions.
Requisite Courses: BIOL-2403(3) or BIOL-2451(3), and one of STAT-1301(3), STAT-1501(3), GEOG-2309(3), or PSYC-2101(3) [prerequisite(s)].

BIOL-3471 (3) Forest Ecology (3 hrs Lecture) This course provides an integrative, interdisciplinary discussion on structure and function of forest ecosystems, with a special reference to boreal forests in North America. Topics to be covered will include the following: the concept of ecosystem studies; global and local variations in forest type; forest ecosystem classification; processes controlling ecosystem structure and function; disturbances, succession, and ecosystem function of boreal forests; and computer modelling in ecosystem studies.
Requisite Courses: BIOL-2403 or GEOG-2213 and GEOG-2214 [prerequisite(s)].

BIOL-3473 (3) Principles of Silviculture (3 hrs Lecture) This course integrates biological principles of tree growth and regeneration (silvics) with the application of this knowledge to forest management (silviculture). Silvics is defined as biological life histories and environmental requirement of forest trees. Silviculture is the theory and practice of influencing forest regeneration, species composition, and growth to accomplish a variety of resource management objectives. Silvicultural practices include coverage of even-aged and uneven-aged management, and ecological reforestation principles and techniques.
Requisite Courses: BIOL-2153 and BIOL-2403 [prerequisite(s)].

BIOL-3476 (3) Forest Policy and Management (3 hrs Lecture) This course addresses the principles and practices of sustainable forestry in Canada. It outlines the evolution of the Canadian forest industry, examining past and current forestry policy, practices, and legal frameworks. Topics include harvesting, reforestation, forest protection, private woodlot forestry, and specialty products, as well as the acts, regulations, codes, and guidelines which govern these aspects of forestry. The course examines the place of Canadian forestry within the larger context of multi-resource management, multi-stakeholder processes, and the global market. The environmental impact of forest management activities on natural landscapes is reviewed under ever changing environmental codes and restrictions and the need to produce "green products."
Cross-listed: ENV-3476(3).
Restrictions: Students may not hold credit for this course and ENV-3476.

BIOL-3492 (3) Quantitative and Theoretical Biology (3 hrs Lecture) This course explores quantitative and theoretical biology. Topics include the relationship of theory to data, hypothesis testing, spreadsheet modelling, bootstrapping and other resampling methods.
Requisite Courses: BIOL-2301 and BIOL-2403 [prerequisite(s)].

BIOL-3562 (3) Human Reproductive Biology (3 hrs Lecture) This course presents a comprehensive overview of the biology of human sex and reproduction including the anatomy and physiology of the male and female reproductive systems, sexual response, fertilization, contraception, and sexually transmitted diseases. It provides the biological background required for critical evaluation of many current issues surrounding human reproduction and sexuality. Tutorial times will be used for the presentation of additional course information and supplemental activities such as class presentations, peer-editing exercises, videos and group projects.
Requisite Courses: BIOL-1115 and BIOL-1116, or BIOL-1102 or BIOL-1103 or BIOL-1112 [prerequisite(s)].

BIOL-3563 (3) Human Embryology (3 hrs Lecture) This course provides a comprehensive overview of the structural, functional and developmental anatomy of the human body. Consideration is given to the important events of the first three weeks of development. The normal development of several organ systems including the urogenital, cardiovascular, respiratory and digestive is examined as well as examples of abnormalities that may arise.
Requisite Courses: BIOL-1115 and BIOL-1116, or BIOL-1102 or BIOL-1103 or BIOL-1112 [prerequisite(s)].

BIOL-3602 (3) Comparative Animal Physiology I (3 hrs Lecture | 3 hrs Lab) This course introduces the concepts of physiological homeostasis, physiological control systems and excitable cells. Principal topics are nerve physiology, muscle physiology and cardiovascular physiology.
Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-3602L (lab) (must be taken concurrently); CHEM-1111 and CHEM-1112 (recommended to be taken previously or at the same time as this course).

BIOL-3603 (3) Comparative Animal Physiology II (3 hrs Lecture | 3 hrs Lab) This course continues the study of animal physiology. Principal topics are respiratory physiology, whole animal metabolism, osmoregulation, digestion and endocrine physiology.
Requisite Courses: BIOL-3602 or permission of the instructor [prerequisite(s)]; BIOL-3603L (lab) (must be taken concurrently).

BIOL-3702 (3) Parasites and Disease (3 hrs Lecture)

This course provides a synopsis of the major taxa of parasites that inhabit tissues and organs of metazoan animals and a detailed consideration of the biology of organisms that reside within other organisms as parasites. Some of the course deals with clinical manifestations and treatment of endo-parasitic infections as well as the use of knowledge about life cycles for the design of effective programs of control and intervention. The synopsis of major taxa is structured to emphasize diversity of endo-parasitic organisms and to demonstrate their importance as limiting, biological factors for their hosts.
Requisite Courses: BIOL-2115 or permission of the instructor [prerequisite(s)].

BIOL-3703 (3) Ectoparasitology (3 hrs Lecture) This course provides a synopsis of the major taxa of parasites and blood-feeding arthoropods that live on other metazoan animals and a detailed consideration of the ways in which these organisms act directly as parasites and as vectors of other parasitic organisms. Emphasis is placed on ecological associations between host organisms and parasites as a means of understanding the epidemiology of vector-borne, parasitic diseases. Most of the course deals with the biology of parasitic arthropods as well as the use of biological information about life cycles to consider effective means of control and intervention. The synopsis of major taxa is structured to emphasize diversity of ectoparasitic organisms as a means of demonstrating the significant evolutionary success of the blood-feeding habit.
Requisite Courses: BIOL-2115 or permission of the instructor [prerequisite(s)].

BIOL-3801 (3) General Entomology (3 hrs Lecture | 3 hrs Lab) The course deals with the life history, structural and behavioral adaptations, and the economic effects of insects, and insect control. The laboratory period will include the collection, preservation, dissection and identification of insects.
Note: Students are required to submit a mounted and identified collection of insects as part of the laboratory exercises. This collection should be initiated in the summer preceding registration in the course. Students should contact the instructor for further details.
Requisite Courses: BIOL-2115 [prerequisite(s)]; BIOL-3801L (lab) (must be taken concurrently).

BIOL-3901 (3) Microorganisms and Disease (3 hrs Lecture | 3 hrs Lab) The course will include a study of medically important microorganisms with emphasis on viruses and bacteria, including chlamydiae, mycoplasmas, and rickettsias. Topics to be covered will include mechanisms of microbial pathogenicity and virulence; the etiology and epidemiology of important human pathogens; public health and nosocomial infections; antimicrobial agents and chemotherapy; and basic principles of host defence mechanisms. Attention will also be paid to diseases of important animal species and to plants of economic importance.
Requisite Courses: BIOL-2902 and CHEM-1111 and CHEM-1112 [prerequisite(s)]; BIOL-3901L (lab) (must be taken concurrently).

BIOL-3902 (3) Microbial Ecology (3 hrs Lecture) This course examines the ecologically important activities of microorganisms, including interactions between microorganisms, plants, and animals; the cycling of carbon, nitrogen, sulphur, and phosphorus through terrestrial and aquatic ecosystems; bio-deterioration; soil, waste, and water management; resource recovery; fuel and biomass production; biological pest control; microbial transformation of man-made organic chemicals; and bio-remediation.
Requisite Courses: BIOL-2902 [prerequisite(s)].

BIOL-3910 (3) Summer Institute in Infectious Diseases (3 hrs Lecture)

BIOL-4111 (6) Biology Honours Thesis (3 hrs Project / Thesis) This course is intended for but not restricted to students in the Honours program. Students undertake a research project in an area of biological interest. Presentation of the results verbally and in thesis form to the Biology Department is an integral part of the course. Each project will be supervised by a faculty member.
Note: Enrolment in this course is limited by the availability of faculty to serve as supervisors. Students must obtain written permission from the Department Chair to register for the course. A written agreement between the student and the faculty supervisor is required before permission will be granted.
Restrictions: Department Permission Required.
Requisite Courses: BIOL-1115 and BIOL-1116, 24 credit hours of coursework in BIOLOGY at or above the 2000 level, 1 course from STAT-1301, STAT-1201, STAT-1501, or PSYC-2101, and a minimum GPA of 3.0 in Biology, and an overall GPA of 2.75, or permission of the Department Chair [prerequisite(s)].

BIOL-4112 (3) Ichthyology (3 hrs Lecture | 3 hrs Lab) This course is concerned with the morphology, ecology, evolution, and distribution of fishes. Human interaction with fishes and conservation and management of fish stocks are also discussed. Fishes and the management of fish stocks in Manitoba and Canada are emphasized.
Requisite Courses: BIOL-2111 [prerequisite(s)]; BIOL-4112L (lab) (must be taken concurrently).

BIOL-4191 (3) Directed Studies in Biology (3 hrs Directed Reading) This course allows students to undertake research in their areas of interest. The research may take the form of a literature review, it may be experimental in nature, or it may involve analysis of existing data. Evaluation is based on an extensive written report summarizing the student's findings. Permission to enrol is dependent on the availability of an instructor in the student's field of interest. A student may receive credit for this course only once.
Restrictions: Instructor Permission Required.
Requisite Courses: BIOL-1115 and BIOL-1116 and 4 other Biology courses above the 1000 level [prerequisite(s)].

BIOL-4303 (3) Population Genetics (3 hrs Lecture) This course covers the basics of detection and quantification of genetic variation in natural populations, and how genetic variation is affected by mutation, recombination, migration, mating patterns and changes in population size. Students

are introduced to the theories of the maintenance of genetic variation by exploring natural selection versus genetic drift and how these forces affect the genetic variability of populations. Examples of the application of population genetics principles in the areas of conservation biology, evolution and human health are illustrated. The final part of the course is dedicated to the application of population genetics principles in the analysis of actual DNA and protein data.
Requisite Courses: BIOL-2301 [prerequisite(s)].

BIOL-4331 (3) Evolutionary Biology (3 hrs Lecture) Biologists use Darwin's framework to study the living world. This course will examine the development of evolutionary thought; evolutionary genetics; natural, sexual, and developmental selection; the levels of selection; speciation and extinction. Topics of direct relevance to humans will be emphasized.
Restrictions: Students may not hold credit for this course and BIOL-3331.
Requisite Courses: BIOL-2301 and BIOL-2403, and 1 course from BIOL-2111, BIOL-2115, BIOL-2152, BIOL-2153, BIOL-2113, or BIOL-2114 [prerequisite(s)].

BIOL-4402 (3) Current Topics in Ecology (3 hrs Lecture) This course involves students in current issues and topics in ecology. The Instructor supplies a range of potential topics from which students can select ones of interest. Students may also offer their own topics for presentation. Students present a review of their topic to the class in the form of a seminar. Success in the course depends on substantial class participation and will involve peer assessment and review. Students cannot hold credit for this class and GBIO-7402.
Requisite Courses: BIOL-2403 and either BIOL-3471 or BIOL-3902 or permission of the instructor [prerequisite(s)].

BIOL-4411 (3) Water Quality and Health (3 hrs Lecture | 3 hrs Lab) This course deals with inorganic, organic, and biotic components of water which affect water quality. The impacts on aquatic ecosystems and on recreational, industrial, and agricultural uses are studied. The greatest emphasis is on drinking water quality as it relates to public health and water-borne illness.
Requisite Courses: BIOL-1115 and BIOL-1116 and CHEM-1111 and CHEM-1112 [prerequisite(s)]; BIOL-4411L (lab) (must be taken concurrently); CHEM-2202 and CHEM-2203 (recommended prerequisite).

BIOL-4451 (2) Forest Ecosystems Field Course (3 hrs Field Study) This is an intensive three-week field course designed to give students a comprehensive overview of forest ecology field skills. Topics include field and laboratory exercises in boreal and urban forestry; tree and plant identification; classification of forest types; forest management and environmental impact; soil classification; forest succession; dendrochronology; forest measurement; forest protection and silviculture.
Note: This course is intended for students enrolled in the Forest Ecology Program in Environmental Studies. Students not in this program but wishing to take this course need the permission of the instructor.
Requisite Courses: BIOL-2153 and BIOL-2403 [prerequisite(s)].

BIOL-4453 (3) Wetlands Ecosystems Field Course (3 hrs Field Study | 3 hrs Lab) This course deals with the methods for studying the ecology of lakes, rivers and streams, and marshes: three major freshwater habitats found in Manitoba. Students will examine the methods for sampling and analyzing data on the chemical, physical, and biological components of these habitats. The adaptations of animals and plants to freshwater ecosystems will be emphasised.
Requisite Courses: BIOL-2403 (or the former BIOL-3403) or BIOL-3402 [prerequisite(s)].

BIOL-4471 (3) Ecological Methodology (3 hrs Lecture | 3 hrs Lab) This course is concerned with ecological methodology as well as the use of computers to analyze, interpret, and present ecological data. Topics to be covered will include the following: the nature and properties of measurements; graphic presentation, statistical analysis, and ecological interpretation of data; sampling and experimental design; and selected methodologies in studying forest ecosystems.
Requisite Courses: GEOG-2203 or BIOL-2403 or BIOL-3471, and 1 course from STAT-1301, STAT-1501, GEOG-2309, GEOG-2310 or BIOL-3492, or permission of the instructor [prerequisite(s)]; BIOL-4471L (lab) (must be taken concurrently).

BIOL-4473 (3) Dendrochronology: Principles and Applications (3 hrs Lecture | 3 hrs Lab) This course constitutes an introduction to dendrochronology; the science of tree-ring analysis. Dendrochronology is particularly appropriate for students with interests in the chronological and dynamical aspects of tree growth, forest ecology, climatology, hydrology, geomorphology, and anthropology/archaeology. The history, principles and applications of dendrochronology are reviewed in this course. Problems related to the sampling and dating of tree-ring series; the development of chronological series, the analysis and interpretation of dendrochronological data are also be emphasized. This course includes a compulsory field trip during the second or third weekend of the course.
Requisite Courses: BIOL-2403 and BIOL-2153 or permission of the instructor [prerequisite(s)]; BIOL-4473L (lab) (must be taken concurrently).

BIOL-4474 (3) Forest Health and Protection (3 hrs Lecture) This course focuses on the effect of fire, insect, disease, and abiotic disturbances on the sustainable management of commercial forests in Canada. The course covers historic practices, current activities, and future trends in protecting commercial forests and ensuring the integrity of forest ecosystems. Emphasis is placed upon the impact of forest health activities on the general ecological components of forest systems and the relationship between forest succession. The evolution of Canadian forestry protection policy and industry regulation is also examined.
Requisite Courses: BIOL-2115 and BIOL-2153 or permission of the instructor [prerequisite(s)].

BIOL-4475 (3) Urban Forestry (3 hrs Lecture) This course focuses on the biology, ecology, and management of urban forests. Students examine the impact of both natural and human-induced stresses on the urban forest, including forest protection and enhancement in relation to other competing interests in the urban environment. The evolution of urban forest planning and management are discussed and the role of Canadian policies and regulations in influencing urban forest tree species and integration of urban forests into our communities are studied.
Requisite Courses: BIOL-2115 and BIOL-2153 or permission of the instructor [prerequisite(s)].

BIOL-4501 (3) Developmental Biology (3 hrs Lecture | 3 hrs Lab) This course examines the molecular basis of, and the regulatory mechanisms involved in, cellular differentiation, the interaction of cells during the formation of tissues, growth, and aging in animal development.
Requisite Courses: BIOL-3221 [prerequisite(s)]; BIOL-4501L (lab) (must be taken concurrently); BIOL-2301 and CHEM-3502 and CHEM-3503 (recommended prerequisite).

BIOL-4502 (3) Molecular Cell Biology (3 hrs Lecture) Topics to be covered will include the following: cell signalling; the cytoskeleton; extracellular matrices and cell adhesion; the cell division cycle; apoptosis and cell death; the immune system and the genetic basis of cancer. Instruction will involve lectures and discussion; students will be required to write a paper and present a seminar based on a review of the primary research literature.
Requisite Courses: BIOL-2301 and BIOL-3221 and CHEM-3502 and CHEM-3503 [prerequisite(s)]; BIOL-3303 (or the former BIOL-3302 or BIOL-4302) (must be taken previously or at the same time as this course).

BIOL-4601 (3) Ecological Animal Physiology (3 hrs Lecture) This course considers physiological adaptations of animals, primarily non-mammalian vertebrates and invertebrates, to their environments. It examines short term adaptations to specific environmental stressors, and physiological strategies associated with long term adaptation to particular ecological niches.
Requisite Courses: CHEM-1111 and CHEM-1112, and any one of the following: BIOL-2111, or BIOL-3602 and BIOL-3603, or CHEM-3502 and CHEM-3503 [prerequisite(s)].

BIOL-4602 (3) Field Research in Animal Ecology and Energetics (3 hrs Field Study) This course covers field and laboratory methods for studying ecological energetics and evolutionary physiology of free-ranging wild animals. During a field camp before the start of fall term, students learn techniques for studying metabolism and energy balance in animals including small mammal trapping/identification, temperature radiotelemetry, and open-circuit respirometry. The course focuses on small mammals, but there are opportunities to study songbirds, and some non-endothermic vertebrates and invertebrates. Each student conducts an independent research project during the field camp, and presents this work in a seminar and term paper during fall term.
Note: Permission of the instructor is required to register.
Requisite Courses: BIOL-2403 or BIOL-2451 or BIOL-3602 or BIOL-3603 or BIOL-3492; a minimum of 15 credit hours of coursework in BIOLOGY at or above the 2000 level [prerequisite(s)].

BIOL-4902 (3) Microbial Physiology (3 hrs Lecture) This course examines the principal reactions of the energy and biosynthetic metabolism of bacteria using *Escherichia coli* as the model system. Additional topics to be discussed include metabolic diversity and catabolic activities of aerobic heterotrophs; regulation of bacterial metabolism; bacterial fermentations; chemolithotrophic and phototrophic metabolism, and fixation of molecular nitrogen.
Requisite Courses: BIOL-2902 and BIOL-3901 and CHEM-3502 and CHEM-3503 or permission of the instructor [prerequisite(s)].

BIOL-4904 (3) Virology (3 hrs Lecture) This course examines variations in viral architecture; molecular processes that characterise the common steps of the reproductive cycles of viruses within a host cell; host cell responses to viral infections; and viral evolution. It includes a survey of adaptive strategies viruses use to meet specific situations, with illustrations taken from bacterial, animal, and plant viruses.
Requisite Courses: BIOL-2902 and BIOL-2301 [prerequisite(s)]; BIOL-3221 (must be taken previously or at the same time as this course).

BIOL-4905 (3) Microbial Biotechnology (3 hrs Lecture) Biotechnology is the practical application of biology, specifically microbiology, and biochemistry to the resolution of society problems. Biotechnology is a rapidly advancing and expanding field with many implications for human health and economic development. This course covers the basic aspects of microbial fermentations, traditional food and beverage fermentations, antibiotic and therapeutics production, industrial enzyme production, agricultural biotechnology, and new aspects of biotechnology such as plastics from plant biomass.
Note: This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: BIOL-2902, CHEM-3502, and CHEM-3503 or permission of the instructor [prerequisite(s)].

BIOL-4931 (3) Immunology (3 hrs Lecture) Immunology is the study of the defence system which the body has evolved to protect itself from external threats such as viruses and internal threats such as tumour cells. Topics to be covered include non-specific immunity, acquired immunity, the structure, function and genetics of antibodies, antigen-antibody interactions, cells and organs of the immune system, autoimmunity, MHC and T-cell receptors, cytokine signalling and applications of immunology.
Requisite Courses: BIOL-2301 and BIOL-3221 and BIOL-3901 [prerequisite(s)].

BIOL-4950 (3) Neurobiology (3 hrs Lecture) This course explores the field of neuroscience from a biological perspective. Neuroanatomy and cells of the nervous system are discussed in terms of cellular networks and molecular mechanisms that govern neurological function,

specifically in terms of homeostasis, motor control, perception, cognition and disease processes. This course also introduces fundamental concepts in medical neurobiology, with clear examples related to human health and disease.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: BIOL-3221 and BIOL-3602 [prerequisite(s)].

BUSINESS AND ADMINISTRATION

BUS-1201 (3) Introduction to Business I (3 hrs Lecture) This course introduces fundamental concepts related to current business trends, business ownership, entrepreneurship, and general management, including organizational behaviour and human resources management. Emphasis is placed on relating course material to current events in the business world. Course delivery is primarily by lecture, and may be complemented by videos and guest speakers.
Restrictions: Students may not hold credit for this course and AS-1101.

BUS-1202 (3) Introduction to Business II (3 hrs Lecture) This course introduces basic terminology, concepts, theories and some qualitative and quantitative analytic techniques of key functional areas in business such as marketing, production, and operational management. Student participation in aon online business simulation allows students to experience a practical application of these primary business functions. Emphasis is placed on relating course material to current events in the business world. Course delivery is primarily by lecture, and may be complemented by videos and guest speakers.
Restrictions: Students may not hold credit for this course and AS-1101.

BUS-2002 (3) Fundamentals of Financial Accounting (3 hrs Lecture) An introduction to the accounting postulates used in preparing and presenting financial statements and a brief study of the role of accounting in the creation and application of business information.
Requisite Courses: BUS-1202(3) with a minimum grade of C+, and Pre-Calculus Mathematics 40S or Applied Mathematics 40S or equivalent [prerequisite(s)].

BUS-2003 (3) Managerial Accounting (3 hrs Lecture) This course is an introduction to the accounting methods used by managers for financial evaluation and decision-making. It deals primarily with the corporate management's point of view.
Requisite Courses: BUS-2002 with a minimum grade of C+ [prerequisite(s)].

BUS-2010 (3) Fundamentals of Financial Management and Administration (3 hrs Lecture) This course introduces students to basic financial terms, procedures and concepts that provide the foundation for organizational financial management. It also examines planning, budgeting, and control within an organization as well as the gathering, using, and reporting of the financial information resulting from an organization's activities.
Requisite Courses: BUS-1202 with a minimum grade of C+ [prerequisite(s)].

BUS-2030 (3) Management and Financial Administration for Community and Aboriginal Organizations (3 hrs Lecture) As small-scale and not-for-profit structures, community-based and aboriginal organizations often face unique challenges and political/cultural realities in terms of overall management and operations. This course provides students with a good understanding of the key facets of management and administrative structures and management controls, financial statements and budgeting, performance measures, strategic planning and operations analysis and evaluation.
Cross-listed: UIC-2030(3) and IS-2030(3).
Restrictions: Students may not hold credit for this course and IS-2030 | UIC-2030.
Requisite Courses: IS-1015 or UIC-1001 [prerequisite(s)].

BUS-2103 (3) Fundamentals of Organizational Behaviour (3 hrs Lecture) This course is designed to introduce students to the theories and concepts of organizational behaviour. The principal topics examined include the bases of individual behaviour in groups and organizations; the structural and functional imperatives of formal organizations, and administration in formal organizations. This course is normally taught on a case-study basis.
Restrictions: Students may not hold credit for this course and AS-2101 | PSYC-2101_6 | PSYC-2440.
Requisite Courses: BUS-1201 with a minimum grade of C+ [prerequisite(s)].

BUS-2210 (3) Fundamentals of Marketing (3 hrs Lecture) This course surveys the marketing practices of organizations. It includes analysis of customer behaviour and markets, and methods of satisfying them. This course is normally taught on a case-study basis.
Requisite Courses: BUS-1202 with a minimum grade of C+ [prerequisite(s)].

BUS-2300 (3) Fundamental of Co-operatives (3 hrs Lecture) Co-operatives have been working within our economic system for centuries. Millions of Canadians are members of co-operatives, but very few know what a co-operative actually is. This course highlights the nature of a co-operative and the unique management and governance features that exist within this business enterprise. Upon completing this course students have a basic understanding of what a co-operative is and what it does within our economy and society. This course introduces the factors that encourage the development of co-operatives and how these factors could affect the future development of co-operatives in Canada.

BUS-2440 (3) Fundamentals of Human Resource Management (3 hrs Lecture) This course introduces students to the theory and practice of managing an organization's human resources. Topics include job evaluation, employee selection, employment equity, compensation, appraisal, and benefits. It may also include topics such as human resource planning, industrial relations, and employment law.
Requisite Courses: BUS-1201 with a minimum grade of C+ [prerequisite(s)].

BUS-2501 (3) Fundamentals of Production and Operational Management (3 hrs Lecture) This course introduces students to the major problems of production,

operational management, and quality control. These include the design and layout of production systems, materials and production planning, and production scheduling and control.
Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S, and BUS-1202 with a minimum grade of C+ [prerequisite(s)].

BUS-2755 (3) Fundamentals of Entrepreneurship and Business Planning (3 hrs Lecture) This course introduces students to the nature of entrepreneurship and the necessary components for the development of a successful business plan. Topics include environmental scanning, competitive analysis, market access, legal implications and sourcing capital. The course features a combination of lectures, discussions, case studies and visits with members of the Winnipeg business community.
Restrictions: Students may not hold credit for this course and BUS-3755 | BUS-4750.
Requisite Courses: You must complete BUS-1201 and BUS-1202 with a minimum grade of C+ in both courses [prerequisite(s)].

BUS-2819 (3) Corporate Finance I (3 hrs Lecture) This course introduces students to the fundamentals of finance and presents theories and tools to be used in addressing corporate finance problems and issues. The course examines the theories and principles of financial management that relate to the practices used by corporations in the procurement, management and disbursement of capital funds. Topics include methods of capital acquisition and valuation of capital and financial assets.
Cross-listed: ECON-2819(3).
Restrictions: Students may not hold credit for this course and ECON-2819.
Requisite Courses: BUS-2002 with a minimum grade of C+ or ECON-1102 and ECON-1103 both with a minimum grade of C [prerequisite(s)]; STAT-1201, STAT-1301 or STAT-1501 (must be taken previously or at the same time as this course).

BUS-2820 (3) Corporate Finance II (3 hrs Lecture) This course builds on the fundamentals introduced in BUS-2819(3)/ECON-2819(3) and discusses theories and tools used for evaluating risks and returns associated with financial assets. There is an intensive study of economic theories and principles of financial management. Topics include Capital Asset Pricing Model (CAPM), market efficiency, and management of working capital.
Cross-listed: ECON-2820(3).
Restrictions: Students may not hold credit for this course and ECON-2820.
Requisite Courses: BUS-2819 or ECON-2819, and STAT-1301 or STAT-1501 [prerequisite(s)].

BUS-3003 (3) Cost Accounting (3 hrs Lecture) This is an intermediate-level, case-based course in managerial accounting which concentrates on the topics in organizational planning, financial control, and cost specifications needed to determine income and cost requirements for policy and non-routine decision-making. It follows on from BUS-2003(3) (Managerial Accounting).
Note: ECON-1201(3) has not yet been accepted as a transfer credit for professional accounting designations. Please check with CPA offices as appropriate.
Requisite Courses: STAT-1301 and STAT-1302, or ECON-1201, and BUS-2003 with a minimum grade of C+ [prerequisite(s)].

BUS-3102 (3) Intermediate Accounting Assets (3 hrs Lecture) This is an intermediate-level course which follows BUS-2002(3) (Financial Accounting). It concentrates on policies and practice related to the measurement and recording of an organization's assets and the asset side of an organization's balance sheet.
Requisite Courses: BUS-2002 with a minimum grade of C+ [prerequisite(s)].

BUS-3103 (3) Intermediate Accounting Equities (3 hrs Lecture) This is an intermediate-level course which follows BUS-2002(3) (Financial Accounting). It concentrates on policies and practice related to the measurement and recording of shareholders equity, liabilities, and the equity side of an organization's balance sheet.
Requisite Courses: BUS-2002 with a minimum grade of C+ [prerequisite(s)].

BUS-3110 (3) Ethics in Management (3 hrs Lecture) This case-based course considers the social and ethical responsibilities of management at both the individual and organizational levels. Issues considered include managers' obligations to their organizations and to individuals within those organizations, and organizations' responsibilities to a variety of stakeholders in the broad society.
Requisite Courses: BUS-2103 or BUS-2440 or PSYC-2440 with a minimum grade of C [prerequisite(s)].

BUS-3120 (3) Canadian Taxation (3 hrs Lecture) This course deals with the applications of federal and provincial income tax regulations and their impact on corporations, businesses, and individuals. Problems, issues, and planning associated with the Income Tax Act are examined. The computation of taxable income and taxes payable by individuals, corporations, partnerships and trusts are also studied.
Requisite Courses: BUS-2003 with a minimum grade of C+ [prerequisite(s)].

BUS-3135 (6) The Hudson's Bay Company and the Modern Department Store (3 hrs Lecture) In this lecture/seminar course, students will examine the history of modern retail business organization, with special attention being given to the Hudson's Bay Company's urban retail stores. The extensive archives of the company will afford students an excellent opportunity to study major issues in accounting, personnel, management, and marketing. The external social and political context in which the stores operated will also be studied.
Cross-listed: HIST-3135(6).
Restrictions: Students may not hold credit for this course and HIST-3135.

BUS-3230 (3) Advertising (3 hrs Lecture) This course will provide students with a thorough understanding of advertising/sales promotion principles and methods. Topics include the role of advertising agencies; the function and

benefits of advertising and sales promotion for business and other institutions, including not-for-profits; and the economic, social, legal, and ethical responsibilities which attend mass communication with the public. The term project for this course, which will be done in groups, will develop and present a full-scale advertising campaign.
Requisite Courses: BUS-2210 with a minimum grade of C [prerequisite(s)].

BUS-3240 (3) Consumer Behaviour (3 hrs Lecture) This course is a case-based study of the buying behaviour of individuals and organizations. It analyses the motivations, roles, and behaviour of consumers, and examines how they are affected by economic, social, and cultural influences within society. Students will also learn how marketers develop models of this consumer behaviour for business and administrative decision-making purposes.
Requisite Courses: BUS-2210 with a minimum grade of C [prerequisite(s)].

BUS-3250 (3) Not-For-Profit Management (3 hrs Lecture) This course explores the distinctive management challenges inherent in a not-for-profit organization. Topics to be addressed include mission, governance, social marketing, volunteerism, fundraising, stakeholder services, and the impact of technology. Through case studies of actual not-for-profit organizations, students will develop a framework for analyzing contemporary issues in the not-for-profit sector and for making management decisions in a not-for-profit context.
Requisite Courses: BUS-2210 or BUS-2103 or BUS-2440 or KIN-2100 with a minimum grade of C [prerequisite(s)].

BUS-3255 (3) Social Enterprise: From Theory to Practice (3 hrs Lecture) With their multiple bottom lines (financial, social and environmental) and ultimate goal of bettering society, social enterprises are playing an increasingly important role in the current economy. This course is designed to examine the role of social enterprises, to identify and assess their different types, to explore management issues unique to social enterprises, and to measure their impacts. We also critically analyze examples of social enterprises in Canada and elsewhere.
Requisite Courses: BUS-2210 or BUS-2103 or BUS-2440 with a minimum grade of C [prerequisite(s)].

BUS-3260 (3) Retail Management (3 hrs Lecture) This is a lecture and case-based course designed to introduce students to the concept of retail management. This course enables students to practice the variables of the retail mix in order to develop appropriate retail strategies. Further, this course emphasizes the management of merchandise resources, human resources, and financial resources, and examines trading area analysis, location/site decisions, store operations, and retail information systems.
Requisite Courses: BUS-2210 with a minimum grade of C [prerequisite(s)].

BUS-3271 (3) Marketing Research (3 hrs Lecture) This course is intended to introduce students to marketing research, which involves the acquisition and analysis of data for use as a decision-making tool in organizations. Various marketing research methods will be discussed, including qualitative methods such as focus groups and in-depth interviews, as well as quantitative methods such as survey research and conjoint analysis. Through use of the case method, students will use simulated research data to practice decision-making in non-profit organizations and business enterprises.
Requisite Courses: BUS-2210 with a minimum grade of C [prerequisite(s)].

BUS-3300 (3) Management of Co-operatives (3 hrs Lecture) This course is an introduction to the unique challenges involved in the management of co-operatives. It builds students' appreciation of co-operatives as a viable model of economic development. The course focuses on the methods by which mainstream governance, accounting, personnel, and marketing practices can be adapted to fit the co-operative model. A combination of lectures, readings, guest speakers, case studies and discussions helps students develop an understanding of co-operative principles and values and the history of co-ops. Students learn about Manitoba's co-operatives, as well as national and international co-op networks.
Restrictions: Students may not hold credit for this course and BUS-2301.
Requisite Courses: BUS-1201 or UIC-1001 with a minimum grade of C, or permission from the Department Chair [prerequisite(s)].

BUS-3301 (3) Co-operative Entrepreneurship Enterprises (3 hrs Lecture) This advanced course is on the specific challenges involved in co-operative entrepreneurship. Students will learn about the competitiveness and innovation in co-operatives in the XXI century. The course has a focus on four areas of interest, namely 1) start-ups and scaling up models, 2) marketing the cooperative value, 3) capitalization and accounting, and 4) internationalization strategies and new enterprises. The course requires active analysis and research in the form of a small group assignment and individual participation. Guest speakers and case studies will be used throughout the course.
Requisite Courses: BUS-2301(3) with a minimum grade of C+ [prerequisite(s)].

BUS-3302 (3) Co-operative and Credit Union Accounting and Performance Measures (3 hrs Lecture) Co-operatives and Credit Unions utilize similar accounting practices as corporate firms. What differentiates co-operatives and credit unions is the addition of social, cultural, and environmental performance measures. Many different accounting and performance measures have been developed to keep track of the social, cultural, and environmental contributions offered by co-operatives to their communities. This course examines the different strategies that co-operative firms have adopted to measure these differentiating activities. An examination of how these accounting and performance measurements assist co-operatives in developing sustainable business practices are conducted during the course.
Requisite Courses: a minimum grade of C in BUS-2002, or BUS-2003, or permission of the department chair

[prerequisite(s)].

BUS-3319 (3) Advanced Corporate Finance (3 hrs Lecture) This advanced course adds to the technical skill and conceptual understanding of accounting and corporate finance developed in previous courses. This advanced finance course provides an in-depth study of issues and tools that financial managers use in making decisions. This course includes capital budgeting under uncertainty; advanced cash flow analysis; long term sources of funds; capital structure; dividend policy; special financing and investment decisions; timing decisions; futures, forwards, options and swaps; tresury risk management; and financial planning.
Restrictions: Students may not hold credit for this course and ECON-3314.

BUS-3320 (3) Managerial Finance (3 hrs Lecture) This course presents an intensive study of the economic theories and principles of financial management essential for the growth of business firms and hence the growth of the Canadian economy. It will relate financial theory to financial management within a Canadian context.
Cross-listed: ECON-3320(3).
Restrictions: Students may not hold credit for this course and ECON-3320.
Requisite Courses: ECON-2101 [prerequisite(s)].

BUS-3321 (3) Gender and Organizations (3 hrs Lecture) Exploring gender's relevance to organizations of various types, including corporations and not-for-profits, this course addresses how gendered analysis can benefit a variety of perspectives on organizations. Taking critical and postmodern approaches to organizational theory and practice, the course considers gender with respect to such topics as leadership; management; communication; conflict resolution; diversity, inclusion, and intersectionality; power; negotiation; organizational change; organizational justice; ethics; healthy workplaces; volunteer workers; management; human resources; and globalization.
Cross-listed: POL-3321(3) and WGS-3321(3).
Restrictions: Students may not hold credit for this course and POL-3321 | WGS-3321.
Requisite Courses: WGS-1232, BUS-2103, or POL-2300, or permission of the instructor [prerequisite(s)].

BUS-3410 (3) Compensation and Benefits (3 hrs Lecture) This course presents students with the current theories on compensation, benefits, and pensions, and provides an opportunity to learn practical skills to manage compensation systems. This course is taught from the dual perspective of both the organization and the employee. Issues surrounding compensation (direct and indirect) are explored from the organizational perspective to ensure compliance, internal and external equity, and how compensation relates to its strategic goals. The compensation issues are also discussed from the perspective of a current or prospective employee as they relate to motivation, satisfaction, and turnover intentions.
Requisite Courses: BUS-2440 with a minimum grade of C+ [prerequisite(s)].

BUS-3420 (3) Recruitment and Selection (3 hrs Lecture) Attracting, hiring, and retaining the right people is key to organizational success in a competitive global market. This course provides a conceptual and practical understanding of the key aspects of the recruitment and selection functions in Human Resource Management (HRM). The material builds on concepts and theories introduced in the fundamentals of HRM course. Knowing how crucial good staffing decisions are to an organization's success, students learn the principles, current techniques and practical applications for recruitment and selection. Material is discussed from both the perspective of the organization and the potential/existing employee.
Requisite Courses: BUS-2440 with a minimum grade C+ [prerequisite(s)].

BUS-3500 (3) International Management (3 hrs Lecture) This theory and research-based course relates to developing skills needed for effective management of people, resources and processes in an international context, and focuses on management functions and behaviours necessary to develop global vision and management skills at both strategic (macro) level and an interpersonal (micro) level. This course is particularly useful for students interested in learning the impact of culture on international management, negotiations and strategy.
Requisite Courses: BUS-2103 or BUS-2210 or BUS-2440 with a minimum grade of C [prerequisite(s)].

BUS-3502 (3) Applications of Decision Sciences to Business (3 hrs Lecture) This course provides students with quantitative techniques (modeling, optimization, and simulation) applicable to various areas of management: finance, marketing, and accounting. The methods presented to students serve as decision-making tools by helping the future manager to obtain the best decision under predefined criteria. Both the applicability and limitations of these techniques are discussed. In this course, the students are exposed to a variety of quantitative techniques that are useful in dealing with complexities, such as multiple objectives and uncertainty. The course focuses on applications of quantitative methods in decision-making using software such as Excel.
Requisite Courses: BUS-2501 with a minimum grade of C+ [prerequisite(s)].

BUS-3510 (3) Supply Chain Management (3 hrs Lecture) A supply chain is a network of value-adding activities including the original acquisition of raw materials, production of the item at a manufacturing facility, distribution to a retailer, sale of the finished item to the customer, and service activities that follow the sale. How to effectively manage the supply chain is a central issue for all levels of management, regardless of industry. This course is aimed at exposing students to the updated topics and issues covered in supply chain management. Students are exposed to a variety of issues related to supply chain design, purchasing, operations, logistics, and coordination.
Requisite Courses: BUS-2501 with a minimum grade of C+ [prerequisite(s)].

BUS-3550 (3) Auditing (3 hrs Lecture) This course

familiarizes students with basic concepts and theories, the auditor decision making process, the legal environment of auditing in Canada, the nature and sources of audit evidence and the internal control process. This course uses a combination of lectures/discussion, presentations and case studies.
Requisite Courses: BUS-3102 and BUS-3103 with a minimum grade of C+ [prerequisite(s)].

BUS-3600 (3) Public Sector Financial Management (3 hrs Lecture) This course offers an overview of governmental units for accountants. The course deals with financial management concepts, methods, and standards used in the public sector generally, and in the Canadian public sector specifically. The focus is on the federal and provincial governments, although international issues are also covered. After completing the course, students will be familiar with planning, control, and reporting in government. They will be able to prepare, review, and analyze government annual reports and budget documents; critically analyze public-sector performance information; review, evaluate, and/or recommend cost management and control practices in public-sector enterprises; and identify and manage risk.
Requisite Courses: BUS-2003 and BUS-3103 and BUS-3550 with a minimum grade of C+ [prerequisite(s)].

BUS-3660 (3) Introduction Commercial Law (3 hrs Lecture) This course provides an introduction to the legal environment of Canadian business, the environment in which Canadian businesses operate. Background material is provided on the Canadian constitution, courts, and legislative system. A second part discusses the most common forms of business organization in Canada: sole proprietorships, partnerships, cooperatives, and corporations. Further sections provide an introduction to the law of torts, and the law of contract. Students who do well in this course may customarily apply it toward the professional accreditation programs of the accounting associations.
Requisite Courses: BUS-1201 with a minimum grade of C plus six additional credit hours in Business & Administration (i.e., BUS-####) all with a grade of at least C [prerequisite(s)].

BUS-3755 (3) Entrepreneurship and Small Business Management (3 hrs Lecture) This course considers the nature of entrepreneurship and the distinctive financing, marketing, operational, management and personal challenges of starting and managing a small business. Course methodology is a combination of lecture/discussions, case studies, and visits with members of the Winnipeg business community. Requirements include a feasibility study for an entrepreneurial venture of the student's own choosing.
Restrictions: Students may not hold credit for this course and BUS-2755.
Requisite Courses: BUS-2002 or BUS-2010, and BUS-2103 or PSYC-2440, and BUS-2210 and BUS-2440 and BUS-2501 all with a minimum grade of C [prerequisite(s)].

BUS-3819 (3) Advanced Corporate Finance (3 hrs Lecture) This advanced finance course adds to the technical skill and conceptual understanding of accounting and corporate finance developed in previous courses. It provides an in-depth study of issues and tools that financial managers use in making decisions. Topics include capital budgeting under uncertainty; advanced cash flow analysis; long-term sources of funds; capital structure; dividend policy; special financing and investment decisions; timing decisions; futures, forwards, options and swaps; treasury risk management; and financial planning.
Cross-listed: ECON-3819(3).
Restrictions: Students may not hold credit for this course and ECON-3819.
Requisite Courses: BUS-2820 or ECON-2820 with a minimum grade C+ [prerequisite(s)].

BUS-3900 (3) Topics in Business Administration and Management (3 hrs Lecture) The course examines issues in a specific business related area. The choice of topic depends on the instructor. Students gain a deeper understanding of a particular area of business through examination of its related business issues at a more in-depth level. This course is designed to include lectures and special guest speakers combined with an interactive, discussion-based format.
Requisite Courses: 30 credit hours of courses eligible for the BBA requirements or permission of the instructor and Department Chair [prerequisite(s)].

BUS-3990 (3) Directed Readings in Business and Administration (3 hrs Directed Reading) This is a reading course open to students in their third and fourth years which involves independent and specialized study in an advanced area of Administrative Studies. The topic and course work requirements will be determined by mutual agreement of the student and instructor. A research paper will normally be required.
Restrictions: Instructor Permission Required.

BUS-4002 (3) Advanced Financial Accounting (3 hrs Lecture) This course familiarizes students with current advanced accounting concepts and theories. The major focus will be the fundamentals and advanced topics related to corporate consolidations. In addition the course examines the complex accounting and upcoming issues involved in both foreign subsidiaries and foreign currency translation. The course uses a combination of lectures/discussions, presentations and case studies.
Requisite Courses: BUS-3102 and BUS-3103 with a minimum grade of C+ [prerequisite(s)].

BUS-4005 (3) Accounting Theory and Contemporary Issues (3 hrs Lecture) This course studies current issues and problems in the field of financial accounting. Topics covered include the contribution of economics, finance, and other disciplines to accounting theory; the practical and theoretical problems of the present value model; foreign exchange accounting; hedging; the process and issues of standard setting; agency theory; and other topics related to specific industries or sectors of the economy.
Requisite Courses: BUS-3103 and either BUS-2820 or ECON-2820 with a minimum grade of C+ [prerequisite(s)].

BUS-4050 (3) Advanced Management Accounting (3 hrs Lecture) This course equips students with a conceptual understanding of the role of management accounting information. Students learn to perform analyses to support managerial decision, design and implement effective management control systems, and develop an awareness of the moral responsibilities of management accountants. Topics include management accounting and management decisions; relevant information and complications in short-run decisions; capital budgeting; contemporary approaches to product costing; activity-based management; agency theory; responsibility accounting and transfer pricing; and ethical considerations. Computer spreadsheets are used to illustrate concepts and provide practical, hands-on experience.
Requisite Courses: BUS-3003 with a minimum grade of C [prerequisite(s)].

BUS-4111 (3) Business Competition (3 hrs Lecture) Competition is fundamental to a market economy and an integral element of the business world. This course involves participation in an intercollegiate competition based on some aspect of business. Performance and relative ranking in that competition is a significant factor in performance evaluation. Admission to the course is by competitive selection procedure.
Restrictions: Instructor Permission Required.

BUS-4220 (3) International Business (3 hrs Lecture) This course examines both theory and application of business in an international context. It offers research insights from around the globe and shows how corporate practices are adjusted to respond to the realities of the international marketplace. This course includes social, environmental, ethical and economic aspects of international businesses, and discusses the interaction between government and business. This course is designed to challenge students in their critical thinking as well as in their ability to manage risks associated with international business in foreign domain.
Requisite Courses: BUS-2002 or BUS-2010, and BUS-2103 or PSYC-2440, and BUS-2210 and BUS-2440 and BUS-2501, all with a minimum grade of C [prerequisite(s)].

BUS-4245 (3) Consumer Decision-Making: A Marketing Perspective (3 hrs Lecture) This course moves beyond fundamentals of marketing, delving more deeply into consumer decision-making. Using a series readings from the Journal of Consumer Research, and other leading journals in marketing, this course will examine factors (i.e., mood, level of arousal, retail atmosphere variables) that influence consumer decision-making. Furthermore, students will be asked to apply the research findings to help create public policy implications for a number of relevant groups in society; namely, consumers, marketers and businesses. Students will also be asked to apply the research findings to help create a framework for understanding the thought processes underlying consumers' decisions.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: BUS-2210 with a minimum grade of C+ [prerequisite(s)].

BUS-4301 (3) Financing a Co-operative Business (3 hrs Lecture) This course provides students with knowledge of the emerging field of social finance through case study analysis and development. The inclusion of social impact measures alongside financial performance measures within a single firm are discussed. A discussion of the strategies firms must implement in order to ensure that shareholders, stakeholders and the recipients of the social outcomes are all included in the performance of the firm. Students are introduced to the concept of impact investing through readings and in class discussions.
Requisite Courses: BUS-3300 with a minimum grade C, or receive special permission from the department chair, in order to take this class [prerequisite(s)].

BUS-4440 (3) Contemporary Human Resource Issues (3 hrs Seminar/Discussion) This seminar course allows students to discuss contemporary issues surrounding the Human Resource Management and Organizational Behaviour fields. This research based course provides an opportunity for students to explore practical solutions to resource management issues within organizations. The topics for research and discussion may include increasing diversity in the workplace, person-organization fit, workplace monitoring/privacy issues, motivation of employees, getting the best employees, deselection methodologies, change management, personal wellness/stress management, work-life balance, and personal accountability of managers in corporations and the public sector.
Requisite Courses: BUS-2440 and BUS-2103, or PSYC-2440 all with a minimum grade of C+ [prerequisite(s)].

BUS-4450 (3) Motivation, Teams, and Power in Organizations (3 hrs Lecture) This course builds on the fundamentals of organizational behaviour to examine three core topics: motivation, teams, and power, as well as underlying processes. Systematic study of these topics draws on perspectives from psychology, sociology, anthropology, and political science. Intersections among topics are explored through ethical, global, analytical, and action-oriented lenses. A range of instructional methods are used, including lectures, exercises, film and case analysis.
Requisite Courses: BUS-2103 or PSYC-2440 with a minimum grade B [prerequisite(s)].

BUS-4460 (3) Leadership and Fairness in Complex Organizations (3 hrs Lecture) This seminar course moves beyond the fundamentals of organizational behaviour, delving more deeply into two areas - leadership and fairness - and the processes that underlie them. We explore contemporary issues surrounding the leadership and organizational justice fields. The course is research based and also provides an opportunity for students to explore practical solutions to a range of challenges faced by organizations as they prepare for or attempt to lead and lead fairly. Thus we engage in case analyses. The topics

for research and discussion might include leading a diverse workforce, and crisis leadership. Issues are explored from individual, group, organizational, and societal perspectives.
Requisite Courses: PSYC-3450 [prerequisite(s)].

BUS-4540 (3) International Marketing (3 hrs Lecture) This theory and research-based course provides students with an understanding of concepts associated with international marketing and builds on the existing knowledge of marketing and consumer behaviour. Topics include the role of international marketing in promoting consumer and industrial products in both developed and emerging markets. The group term-project for this course is based on research that recommends appropriate international marketing strategies for a given country.
Requisite Courses: BUS-3240 with a minimum grade of C [prerequisite(s)].

BUS-4750 (3) Business Plan (3 hrs Lecture) The focus of this course is development of a business plan for an entrepreneurial venture. This project can be undertaken by either an individual or a group basis. Expectations include submitting the business plan to a business plan competition and/or presenting it to potential sources of funding for the venture.
Restrictions: Instructor Permission Required. Students may not hold credit for this course and BUS-2755.
Requisite Courses: BUS-3755 and permission of the instructor [prerequisite(s)].

BUS-4800 (3) Investments (3 hrs Lecture) This course introduces students to the main financial instruments that are used in the investment industry, including a detailed description of financial instruments and how they are traded in financial markets. A brief review of portfolio theory is presented including a discussion of a number of key models of modern finance, including the Capital Asset Pricing Model and the Arbitrage Pricing Theory. The course also includes a detailed examination of the role and operation of fixed-income securities and equities. The course concludes with a discussion of the role and techniques of passive versus active portfolio management.
Cross-listed: ECON-4800(3).
Restrictions: Students may not hold credit for this course and ECON-4800.
Requisite Courses: ECON-2820(3) or BUS-2820(3) (or the former ECON-2319(6) or BUS-2319(6)); and STAT-1302(3) or STAT-2001(3); and ONE of MATH-1101(6) or MATH-1102(3) or MATH-1103(3) or ECON-1201(3) or permission of the instructor [prerequisite(s)].

BUS-4801 (3) Options, Futures, and Derivatives (3 hrs Lecture) This course is designed to provide an in-depth analysis of a number of topics in modern finance theory and applications. The main areas that are examined include Futures Markets, Option Markets and Derivatives. These financial instruments play a key role in the management of risk by firms, and have attracted increasing interest from private sector firms and the larger community. The role of these instruments in the financial markets and their effect on the financial system is examined in detail.
Cross-listed: ECON-4801(3).
Restrictions: Students may not hold credit for this course and ECON-4801.
Requisite Courses: ECON-2820(3) or BUS-2820(3) (or the former ECON-2319(6) or BUS-2319(6)); and STAT-1302(3) or STAT-2001(3); and ONE of MATH-1101(6) or MATH-1102(3) or MATH-1103(3) or ECON-1201(3) or permission of the instructor [prerequisite(s)].

BUS-4802 (3) Topics in Finance I (3 hrs Lecture) This course provides an opportunity to study a particular finance research topic in depth. The course content covers primarily theoretical aspects in finance. Possible topics addressed include entrepreneurial finance, fixed income analysis and behavioral finance. This course may be repeated for credit when the topic varies.
Requisite Courses: ECON/BUS-2820 and ECON-2201 and ECON-3201, or permission of the instructor [prerequisite(s)].

BUS-4803 (3) Topics in Finance II (3 hrs Lecture) This course provides an opportunity to study a particular finance research topic in depth. The course content covers primarily empirical aspects in finance. Possible topics addressed include financial risk and management, valuation and financial statement analysis, and valuation and financial modeling. This course may be repeated for credit when the topic varies.
Requisite Courses: ECON/BUS-2820 and ECON-2201 and ECON-3201, or permission of the instructor [prerequisite(s)].

BUS-4900 (3) Advanced Topics in Business and Management (3 hrs Lecture) This course provides students with the opportunity to gain a deeper appreciation of the issues involved in a specific business related area. The course is intended to further develop the student's critical business thinking and analysis in addition to their research skills. This course may be repeated for credit when the topic varies.
Restrictions: Instructor Permission Required.
Requisite Courses: 42 credits from Business and Administration with a minimum grade of C [prerequisite(s)].

BUS-4901 (3) Business Strategy (3 hrs Lecture) This case-based course takes the perspective of the general manager with responsibility for the overall organization, rather than that of a functional specialist. Topics include the nature of strategy and its function for an organization; the characteristics of effective strategy; and how strategy forms and evolves in relation to an organization's environment, competition, capabilities, and the values and ambitions of its leadership. This course is intended for students in their final year of study as a capstone to the Business and Administration degree program.
Restrictions: Students may not hold credit for this course and BUS-4920.
Requisite Courses: BUS-2002 or BUS-2010, and BUS-2103 or PSYC-2440, and BUS-2210 and BUS-2440 and BUS-2501, all with a minimum grade of C [prerequisite(s)].

BUS-4920 (3) Business Strategy for Accountants (3

hrs Lecture) This case-based course introduces students to the process of strategic management in organizations from the perspective of senior managers concerned with long-term effectiveness and efficiency. The course introduces students to various strategic frameworks used to diagnose and solve critical problems, and/or identify and take advantage of opportunities, in a complex, ever-changing business environment. While accounting aspects of strategy are emphasized, this is done in the context of how it influences, and is influenced by, the other functional disciplines.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and BUS-4901.
Requisite Courses: A minimum grade of C+ in BUS-3003, BUS-2103 or PSYC-2440, BUS-2210, BUS-2440, and BUS-2501 [prerequisite(s)].

BUS-4940 (3) Emerging Markets and Business Practices (3 hrs Lecture) This course focuses on the prevailing business practices and the process of globalization on organization from the emerging markets. The growing power of nations and purchasing power of consumers from emerging markets such as India, China, Brazil, and Russia (BRIC countries) mean that business managers need to learn to: discover the new consumer preferences; develop new projects; and, devise appropriate strategies to market these products. This course is designed to answer these questions.
Requisite Courses: BUS-3240 with a minimum grade of C [prerequisite(s)].

CHEMISTRY

CHEM-0100 (3) Foundations of Chemistry (3 hrs Lecture) The purpose of this course is to prepare students for CHEM-1111 Introduction to the Chemical Properties of Matter and CHEM-1112 Basic Principles of Chemical Reactivity. Topics include the characterization of chemical substances, chemical reactions, chemical quantities, and chemical systems. Notes: Standing in this course will satisfy the prerequisites for CHEM-1111 and CHEM-1112 (in place of Chemistry 40S, Pre-Calculus Mathematics 40S, and/or Applied Mathematics 40S). Non-science majors wishing to take a chemistry course for science credit should take CHEM-2801 Environmental Issues: A Chemistry Perspective. This course CANNOT be used as a credit towards the Chemistry or Biochemistry majors. Students with standing in CHEM-1111 or CHEM-1112 cannot register for this course.

CHEM-1111 (3) Introduction to Chemical Properties of Matter (3 hrs Lecture | 3 hrs Lab) This course includes an introduction to atomic and molecular structure, chemical bonding, chemical reactivity, to the bulk properties of matter, and the descriptive chemistry of the elements. The laboratory component introduces students to basic chemistry laboratory practice and techniques. The fundamental concepts of chemical reactivity covered in this course and CHEM-1112 provide the essential foundation for students who wish to continue with Chemistry or Biochemistry as a major, and for students of Biology, Physics, Physical Geography, Environmental Studies, and Experimental Psychology.
Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S, and Chemistry 40S; or CHEM-0100 [prerequisite(s)]; CHEM-1111L (lab) (must be taken concurrently).

CHEM-1112 (3) Basic Principles of Chemical Reactivity (3 hrs Lecture | 3 hrs Lab) This course includes an introduction to chemical kinetics, chemical thermodynamics and equilibrium, and to acid/base and oxidation/reduction chemical reactions. The laboratory component introduces students to some of the basic techniques of practical chemistry. The fundamental concepts of chemical reactivity covered in this course and CHEM-1111 provide the essential foundation for students who wish to continue with Chemistry or Biochemistry as a major, and for students of Biology, Physics, Physical Geography, Environmental Studies, and Experimental Psychology.
Requisite Courses: Chemistry 40S and Pre-Calculus Math 40S or Applied Math 40S; or CHEM-0100 [prerequisite(s)]; CHEM-1112L (lab) (must be taken concurrently).

CHEM-2102 (3) Thermodynamics and Kinetics (3 hrs Lecture | 3 hrs Lab) This course describes the principles and applications of thermodynamics, and the rates and mechanisms of chemical reactions. Laboratory work consists of experiments in the thermodynamics and kinetics of gases and solutions, and computer applications in data analysis and problem solving.
Restrictions: Students may not hold credit for this course and CHEM-2101.
Requisite Courses: CHEM-1111, CHEM-1112, and either MATH-1101, or MATH-1103 and MATH-1104 [prerequisite(s)]; CHEM-2102L (lab) (must be taken concurrently).

CHEM-2103 (3) Atoms, Molecules and Spectroscopy (3 hrs Lecture | 3 hrs Lab) This course is an introduction to quantum chemistry, with applications in atomic and molecular structure and spectroscopy. Laboratory work consists of experiments in molecular spectroscopy and computational methods for determining molecular structures and properties.
Restrictions: Students may not hold credit for this course and CHEM-2101.
Requisite Courses: CHEM-1111, CHEM-1112, and either MATH-1101, or MATH-1103 and MATH-1104 [prerequisite(s)]; CHEM-2103L (lab) (must be taken concurrently).

CHEM-2202 (3) Organic Chemistry I (3 hrs Lecture | 3 hrs Lab) This course is an introductory study of aliphatic carbon compounds. Topics to be covered include bonding; hybridization; resonance; acids and bases; the structure, nomenclature, synthesis and reactions of alkanes, alkenes, alkynes, alkyl halides, alcohols, ethers and amines; the stereo chemistry of organic compounds; and nucleophilic substitution and elimination reactions and their use in organic synthesis. The laboratory includes an introduction to techniques commonly used in organic chemistry, through the preparation, purification and characterization of organic compounds.
Note: CHEM-1111 may be used as a corequisite provided a minimum grade of 75 or equivalent was obtained in Chemistry 40S.
Restrictions: Students may not hold credit for this course and CHEM-2201.
Requisite Courses: CHEM-1111 and CHEM-1112 [prerequisite(s)]; CHEM-2202L (lab) (must be taken concurrently).

CHEM-2203 (3) Organic Chemistry II (3 hrs Lecture | 3 hrs Lab) This course is an introductory study of the chemistry and structural identification of common aliphatic and aromatic organic compounds. Topics include the structure, nomenclature, synthesis and reactions of aromatic hydrocarbons, phenols, aldehydes, ketones, enolates, carboxylic acids, sulfur- and phosporus-containing compounds, and free-radicals. Spectroscopic instrumentation for structure determination is discussed, with an emphasis on infra-red (IR) and nuclear magnetic resonance (NMR) spectroscopy, and mass spectrometry (MS). The laboratory includes an introduction to techniques commonly used in organic chemistry, through the preparation, purification and characterization of compounds.
Note: CHEM-1112 may be used as a corequisite provided a minimum grade of 75 or equivalent was obtained in Chemistry 40S.
Restrictions: Students may not hold credit for this course and CHEM-2201.

Requisite Courses: CHEM-2202 [prerequisite(s)]; CHEM-2203L (lab) (must be taken concurrently).

CHEM-2302 (3) Quantitative Chemical Analysis (3 hrs Lecture | 3 hrs Lab) This is a first course in analytical chemistry which examines ionic equilibria in aqueous solutions and their use in chemical analysis. This course covers both volumetric and gravimetric analysis with a detailed examination of the pertinent equilibria involved in precipitation, acid-base, complexometric, and oxidation-reduction systems. The lab consists of a series of experiments designed to develop strong analytical techniques.
Requisite Courses: CHEM-1111 and CHEM-1112 [prerequisite(s)]; CHEM-2302L (lab) (must be taken concurrently).

CHEM-2401 (3) Inorganic Chemistry I (3 hrs Lecture | 3 hrs Lab) This course provides an introduction to Inorganic Chemistry with a focus on fundamental concepts. The first part of the course deals with understanding and predicting molecular bonding and structure with examples taken mostly from the main group. The second part of the course deals with understanding and explaining the trends in chemical behaviour with emphasis being placed on the main group elements. Laboratory work demonstrates reactivity trends discussed in lecture and introduces the techniques associated with the synthesis and characterization of main group compounds.
Restrictions: Students may not hold credit for this course and CHEM-3402.
Requisite Courses: CHEM-1111 and CHEM-1112 [prerequisite(s)]; CHEM-2401L (lab) (must be taken concurrently).

CHEM-2502 (3) Introduction to Biochemistry (3 hrs Lecture | 3 hrs Lab) This is an introductory course in biochemistry. Topics include: the structural characteristics and biological properties of biomolecules (carbohydrates, lipids, proteins, and nucleic acids); basic enzymology; and metabolism. Examples of the application of the principles of biochemistry to the study and treatment of human diseases are discussed.
Note: Students with a B or higher in CHEM-3502 or CHEM-3503 may not receive credit for this course. Students may not hold credit for CHEM-2502 and CHEM-2503.
Requisite Courses: CHEM-1111 and CHEM-1112 [prerequisite(s)]; CHEM-2202 (must be taken previously or at the same time as this course); CHEM-2502L (lab) (must be taken concurrently).

CHEM-2503 (3) Principles of Biochemistry (3 hrs Lecture) This is an introductory course in biochemistry. Topics include the structural characteristics and biological properties of biomolecules including carbohydrates, lipids, proteins, and nucleic acids; basic enzymology; and metabolism including fuel metabolism, xenobiotic metabolism, and redox metabolism. Students apply the principles of biochemistry to the study of human diseases. Students may not hold credit for CHEM-2502 and CHEM-2503. This course MAY NOT be used for credit towards Chemistry or Biochemistry Majors.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: CHEM-2202 (must be taken previously or at the same time as this course); CHEM-1111 and CHEM-1112 [prerequisite(s)].

CHEM-2701 (3) Computer Techniques and Applications for Chemistry (3 hrs Lecture | 3 hrs Lab) This course introduces students to computer applications in the field of Chemistry. Topics include data handling; basic statistical analysis; graphing; drawing chemical structures, equations, and diagrams; computations; molecular modelling and minimum energies; and the incorporation of diagrams, graphs, molecular structures, and equations directly into scientific documents.
Requisite Courses: CHEM-1111 and CHEM-1112 with a minimum grade of C [prerequisite(s)]; CHEM-2701L (lab) (must be taken concurrently).

CHEM-2801 (3) Environmental Issues: A Chemistry Perspective (3 hrs Lecture) This course examines a number of environmental and societal issues, such as global warming and acid rain. Basic chemical and physical concepts are introduced as required to supplement the discussion. Topics include the past, present and future use of energy in society; plastics; nutrition; and green/sustainable chemistry. Online discussion groups and assignments are used to facilitate debate and conceptual understanding. This course prepares students for introductory chemistry and environmental sciences courses. The course may also serve as a topical survey for senior science students.
Note: CHEM-2801 may be used to fulfil the Science requirement for the BA degree. It can also be used for credit towards the Chemistry major in the 5-Year BEd/BSc degree. CHEM-2801 cannot be used as major credit for the Chemistry or Biochemistry degrees.

CHEM-3101 (3) Physical Chemistry of Condensed Phases (3 hrs Lecture) This course examines the thermodynamics, structures, and physical properties of liquids, solids and surfaces. Topics include phase transitions, chemical reactions, ionic solutions, and transport properties (conductivity, diffusion, viscous flow, surface tension, and capillarity).
Requisite Courses: CHEM-2102 or permission of instructor [prerequisite(s)].

CHEM-3102 (3) Quantum Chemistry and Spectroscopy (3 hrs Lecture | 3 hrs Lab) This course examines the quantum theory of chemical bonding, molecular properties, and spectroscopy.
Requisite Courses: CHEM-2103 [prerequisite(s)].

CHEM-3202 (3) Reaction Mechanisms in Organic Chemistry (3 hrs Lecture) This course deals with the application of physical chemical principles to organic compounds and their reactions. It includes topics such as the effects of structure on reactivity, heterolytic reaction mechanisms, acidity functions, catalysis, solvent effects, and isotope effects.

Restrictions: Students may not hold credit for this course and CHEM-3201.
Requisite Courses: CHEM-2202 and CHEM-2203 [prerequisite(s)].

CHEM-3204 (3) Organic Structure Determination (3 hrs Lecture) This course teaches the application of spectroscopic techniques (1D and 2D multinuclear NMR, IR, MS, UV) to organic structure determination. Classical methods still in common use are briefly covered.
Restrictions: Students may not hold credit for this course and CHEM-3201.
Requisite Courses: CHEM-2202 and CHEM-2203 [prerequisite(s)].

CHEM-3205 (3) Organic Synthesis (3 hrs Lecture) This course deals with the synthesis of organic compounds. Topics include synthetic strategies, conformational analysis, use of protecting groups, and chiral induction. Molecular orbital theory will be introduced and applied to the study of pericyclic reactions.
Restrictions: Students may not hold credit for this course and CHEM-4202.
Requisite Courses: CHEM-2202 and CHEM-2203 [prerequisite(s)].

CHEM-3206 (3) Advanced Organic Chemistry Laboratory (3 hrs Lecture) This course provides students with advanced laboratory experience in Organic Chemistry. Students are exposed to the theory and application of methods for experimental design; purification of reagents; working with air/moisture sensitive reagents; and the isolation, purification and identification of natural products. Students set up and conduct several experiments and formulate reports on their work.
Requisite Courses: CHEM-2203 with a minimum grade of C [prerequisite(s)].

CHEM-3302 (3) Methods of Chemical Analysis (3 hrs Lecture | 3 hrs Lab) This course introduces students to the procedures of analytical chemistry including sampling, preparation of the sample for analysis, instrument calibration, and statistical treatment of data. Specific analytical methods discussed include potentiometry and atomic and molecular spectroscopy. This involves a series of analyses using instrumental techniques.
Restrictions: Students may not hold credit for this course and CHEM-2301.
Requisite Courses: CHEM-2302 [prerequisite(s)]; CHEM-3302L (lab) (must be taken concurrently).

CHEM-3401 (3) Inorganic Chemistry II: Coordination Chemistry (3 hrs Lecture | 3 hrs Lab) This course examines the bonding, structure, and reactivity of coordination compounds of the transition metals. Building on the fundamentals covered in CHEM-2401(3), we discuss the nature of the metal-ligand bond, including its effect on physical and chemical properties of metal complexes. General trends in transition metal coordination chemistry are examined with an emphasis on understanding and predicting the reactivity and structures of coordination compounds. Laboratory work involves synthesis and characterization of transition metal coordination compounds.
Restrictions: Students may not hold credit for this course and CHEM-3402 | CHEM-3404.
Requisite Courses: CHEM-2202 and CHEM-2401 [prerequisite(s)]; CHEM-2203 (must be taken previously or at the same time as this course); CHEM-3401L (lab) (must be taken concurrently).

CHEM-3502 (3) Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules (3 hrs Lecture | 3 hrs Lab) Topics to be examined in this course include the structure and function of biomolecules, including carbohydrates, lipids, nucleic acids, proteins, and "high energy" phosphate compounds (emphasizing the inter-relationship of structure and function); mechanisms and kinetics of enzyme-catalyzed reactions; membrane transport; and bioenergetics.
Note: CHEM-2202 may be used as a corequisite provided that a minimum grade of B+ was obtained in CHEM-1111 and CHEM-1112.
Restrictions: Students may not hold credit for this course and CHEM-3501.
Requisite Courses: CHEM-1111 and CHEM-1112 and CHEM-2202 and BIOL-1115 [prerequisite(s)]; CHEM-3502L (lab) (must be taken concurrently).

CHEM-3503 (3) Intermediate Biochemistry II: Intermediary Metabolism (3 hrs Lecture | 3 hrs Lab) This course examines major catabolic and anabolic pathways, and their regulation and integration.
Note: CHEM-2203 may be used as a corequisite provided that a minimum grade of B+ was obtained in CHEM-1111 and CHEM-1112.
Restrictions: Students may not hold credit for this course and CHEM-3501.
Requisite Courses: CHEM-3502 [prerequisite(s)]; CHEM-3503L (lab) (must be taken concurrently).

CHEM-3504 (3) Plant Biochemistry (3 hrs Lecture) This course covers aspects of chemistry that are unique to plants. Topics include an introduction to basic biochemical concepts: photophosphorylation; photosynthesis; carbohydrate metabolism; nitrogen fixation; some aspects of secondary metabolism; and agricultural applications.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: CHEM-2202 [prerequisite(s)].

CHEM-3601 (3) Environmental Chemistry (3 hrs Lecture) This course in environmental organic chemistry describes the properties, partitioning behaviour and reactivity of organic contaminants and their influence on the distribution, transport and fate of the chemical in the environment. Recent literature is used to discuss current issues in environmental chemistry, with an emphasis on long-range transport and global distribution of persistent, toxic and bioaccumulative contaminants.
Requisite Courses: CHEM-2202 and CHEM-2203 [prerequisite(s)].

CHEM-3611 (3) Environmental Toxicology (3 hrs

Lecture) This course provides an understanding of how and why chemicals may damage humans and other organisms. Basic principles of toxicology and environmental chemical exposure are covered, and detailed analysis is presented of the body's defences against toxicants and the physiological and/or biochemical mechanisms by which toxicants cause effects. Toxicological modeling and environmental risk assessment are introduced. Students apply these principles to explore emerging topics of interest in their own discipline.
Cross-listed: ENV-3611(3).
Restrictions: Students may not hold credit for this course and ENV-3611.
Requisite Courses: CHEM-2202 and CHEM-2203 [prerequisite(s)].

CHEM-3701 (3) Directed Studies in Chemistry (3 hrs Lecture) This course is designed to allow students the opportunity to conduct individual research under the supervision of a faculty member. The study may take the form of a literature review, may be experimental in nature, or may involve the analysis of existing data.
Note: Permission to enrol is dependent on the availability of a suitable faculty member AND students must obtain written permission from the Chair of Chemistry in addition to the prerequisite. Note: This course may only be taken once for credit.
Requisite Courses: 12 credit hours of Chemistry courses and permission from the Chair of the Chemistry Department [prerequisite(s)].

CHEM-4101 (3) Quantum Chemistry (3 hrs Lecture) This course covers the fundamentals of quantum chemistry, with an introduction to the electronic structure theory of molecules. The course also introduces computational chemistry techniques as valuable tools for research in all fields of chemistry.
Requisite Courses: CHEM-2103 [prerequisite(s)].

CHEM-4204 (3) Medicinal Chemistry (3 hrs Lecture) This course deals with an introduction to pharmaceuticals from natural sources and their biosynthetic origin. This also includes various methods of synthesis, and studies on structure-activity relationships of anti-inflammatory, anti-cancer and anti-microbial chemotherapeutic agents.
Requisite Courses: CHEM-2202 and CHEM 2203 [prerequisite(s)].

CHEM-4302 (3) Instrumentation for Quantitative Analysis (3 hrs Lecture) This course discusses the basic electronic principles and design of instrumentation for molecular and atomic spectroscopy as well as quantitative mass spectrometry. Students taking this course gain an appreciation of a variety of topics including basic electronics, signal acquisition, noise and signal enhancement. Apart from the classroom, students also participate in practical demonstrations in the laboratory. Theory and applications for a variety of techniques available in this course include the following: atomic absorption and atomic emission spectroscopy, atomic mass spectrometry and x-ray fluorescence.
Requisite Courses: CHEM-2302 and CHEM-3302 [prerequisite(s)].

CHEM-4303 (3) Analytical Separations (3 hrs Lecture | 3 hrs Lab) The crucial role of analytical separations in chemistry and biochemistry, both qualitative and quantitative, is discussed in detail. Theoretical background, principles of instrumentation, and applications are detailed for important chromatographic and mass spectrometric techniques for chemical isolation and identification. The laboratory exercises provide a unique opportunity to gain practical experience with modern techniques, including gas and liquid chromatography and mass spectrometry.
Requisite Courses: CHEM-2202 and CHEM-2203 (or the former CHEM-2201) and CHEM-3302 (or the former CHEM-2301) [prerequisite(s)]; CHEM-4303L (lab) (must be taken concurrently).

CHEM-4401 (3) Organometallic d-Block Chemistry (3 hrs Lecture | 3 hrs Lab) This course focuses on compounds featuring transitions metal-carbon bonds. The course explores physical and bonding properties, characterization methods, and fundamental reaction mechanisms of organometallic compounds and applications of transition metal organometallics in homogenous catalysis (i.e., for organic synthesis and industrial chemical preparation).
Requisite Courses: CHEM-3401 [prerequisite(s)].

CHEM-4403 (3) Advanced Main Group Chemistry (3 hrs Lecture) Aspects of main group chemistry are covered in this course, including electron-deficient compounds, main group organometallics, and ring systems and polymers. Focus is placed on bonding descriptions of main group compounds, as well as synthetic methods and characterization techniques (NMR, EPR, mass spectrometry, X-ray diffraction). The industrial applications of main group compounds are discussed.
Requisite Courses: CHEM-3401 [prerequisite(s)].

CHEM-4502 (3) Molecular Enzymology (3 hrs Lecture) This course examines aspects of the structure, function, and regulation of enzymes. Topics include the inter-relationship of enzyme structure and function, current theories of the chemical basis of enzyme catalysis, enzyme kinetics, and the regulation of enzyme activity. Applications of our current understanding of enzyme biochemistry are discussed.
Requisite Courses: CHEM-3503 [prerequisite(s)].

CHEM-4506 (3) Methods in Biochemistry (3 hrs Lecture | 3 hrs Lab) This course examines the application of physical methods to problems of biochemical interest. Topics to be covered include the isolation and stabilization of proteins; sub-cellular fractionation; methods for the assay of protein activity; the determination of enzyme kinetic parameters; purification and analysis of biomolecules (especially proteins) by selective precipitation (varying pH, salt concentration, and solvent), liquid chromatography (ion exchange, gel filtration, and affinity chromatography) and electrophoresis (slab gel and capillary); ultracentrifugation; and biochemical applications of the use of radioisotopes. Although emphasis is placed on the application of these techniques to proteins, application to other classes of biomolecules are examined

as appropriate.
Requisite Courses: CHEM-3503 [prerequisite(s)]; CHEM-4506L (lab) (must be taken concurrently); CHEM-4502 (recommended prerequisite).

CHEM-4507 (3) Drug Design (3 hrs Lecture) This course examines pharmacology in the context of biochemistry and organic chemistry. Topics include the discovery, design, and metabolism of drugs with a focus upon various mechanisms of action by which small organic molecule drugs serve as therapeutics for treating human diseases.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: CHEM-2502, or CHEM-3502 and CHEM-3503 [prerequisite(s)].

CHEM-4701 (6) Research Projects in Chemistry (3 hrs Project / Thesis) This course is designed to allow students to investigate a specific research problem. Students work with a faculty member in a particular area of research while learning the techniques and methodology related to chemical research.
Note: Students are strongly urged to consult with the department at least two months in advance of any anticipated registration in this course, as approval for any planned project must be obtained from a specific faculty member as well as from the Department Chair.
Requisite Courses: 30 credit hours of coursework in Chemistry and permission from the Chair of Chemistry [prerequisite(s)].

CHEM-4703 (3) Topics in Chemistry (3 hrs Lecture) Special topics in an area of analytical, environmental, inorganic, organic, physical, or biochemistry are addressed. Please consult the Chemistry Department for the current topic.
Note: Permission from the Chair of Chemistry is required.

CLASSICS

CLAS-1011 (3) Greek Society (3 hrs Lecture) Students are introduced to the fundamental social concepts, cultural characteristics, and political institutions of ancient Greek society. Examples of topics that may be covered are the family, religion, slavery, social relations, cultural ideals as reflected in ancient literature and art, and political institutions such as Athenian democracy. Major sources of information are presented, and the problems involved in the interpretation of ancient evidence are addressed throughout.

CLAS-1012 (3) Roman Society (3 hrs Lecture) Students are introduced to the fundamental social concepts, cultural characteristics, and political institutions of ancient Roman society. Examples of topics that may be covered are the family, religion, slavery, social relations, cultural ideals as reflected in ancient literature and art, and political organization of the Republic and the Empire. Major sources of information are presented, and the problems involved in the interpretation of ancient evidence are addressed throughout.

CLAS-1015 (3) Everyday Life in the Greek and Roman World (3 hrs Lecture) This course examines the daily lives of ordinary people in Ancient Greece and Ancient Rome. Topics covered include town planning, building, housing, food, clothing, shopping, travel, education, entertainment, writing, bathing, participation in government, family life and childrearing, serving in the army, acting and the stage, athletics, living in the countryside, farming, worship and simple technology.

CLAS-1100 (3) Introductory Latin I (3 hrs Lecture | 1 hrs Lab) The course is designed for students who have no previous knowledge of the Latin language. Its aim is to introduce the concept of an inflected language and to teach the basic elements of Latin grammar and vocabulary.
Requisite Courses: CLAS-1100L (Lab) (must be taken concurrently).

CLAS-1101 (3) Introductory Latin II (3 hrs Lecture | 1 hrs Lab) This course is designed to expand students' knowledge of Latin vocabulary, to introduce more complex grammatical concepts, and to provide an introduction to the reading of continuous passages from Latin authors.
Note: Students with credit in Latin 40S or the former CLAS-1101(6) may not receive credit for this course.
Requisite Courses: CLAS-1100 [prerequisite(s)]; CLAS-1101L (lab) (must be taken concurrently).

CLAS-1200 (3) Introductory Greek I (3 hrs Lecture | 1 hrs Lab) This course is designed for students with no previous knowledge of Classical Greek and includes a study of the basic forms, syntax, and vocabulary of the language.
Note: Students with credit in the former CLAS-1200(6) may not receive credit for this course.
Requisite Courses: CLAS-1200L (lab) (must be taken concurrently).

CLAS-1201 (3) Introductory Greek II (3 hrs Lecture | 1 hrs Lab) This course proceeds to a more advanced study of the forms, syntax, and vocabulary designed to enable students to proceed with advanced studies in Greek.
Note: Students with credit in the former CLAS-1200(6) may not receive credit for this course.
Requisite Courses: CLAS-1200 [prerequisite(s)]; CLAS-1201L (Lab) (must be taken concurrently).

CLAS-2000 (3) The Heroic Age of Greece (3 hrs Lecture) This course will examine the Minoan and Mycenaean civilizations as revealed through their art and architecture. Emphasis will be laid on archaeological discoveries as evidence for the earliest history of the Aegean area, and as background to many Greek myths. Arts surveyed will include architecture, pottery, painting, jewellery, and the minor arts. May be counted for credit towards an Art History Major.

CLAS-2002 (3) Greek Art and Architecture (3 hrs Lecture) This course examines Greek art and architecture with emphasis upon their development, and their contribution to subsequent art and architecture in Europe and America. Areas studied include architecture, sculpture, painting, pottery, jewellery, and the minor arts.
Note: This course may be counted for credit towards an Art History Major.
Restrictions: Students may not hold credit for this course and CLAS-2001.

CLAS-2003 (3) Roman Art and Architecture (3 hrs Lecture) This course examines Etruscan and Roman art and architecture with emphasis upon their development, and their contribution to subsequent art and architecture in Europe and America. Areas studied include architecture, sculpture, painting, pottery, jewellery, and the minor arts.
Note: This course may be counted for credit towards an Art History Major.
Restrictions: Students may not hold credit for this course and CLAS-2001.

CLAS-2004 (3) Rise of the Old World Civilization (3 hrs Lecture) This course covers the origins and development of civilization in the Old World with emphasis on the prehistoric archaeological record. Topics discussed include the forces behind an increase in population density, the role of civilization and urbanism in state formation, and the problem of collapse of Old World civilisations, such as ancient Egypt, the Near East, China, and the Indus Valley. Regional and chronological coverage may vary from year to year.
Cross-listed: ANTH- 2211(3).
Restrictions: Students may not hold credit for this course and ANTH-2211.

CLAS-2010 (3) Topics in Classical Studies (3 hrs Lecture) This course explores a specific area in the field of Classical scholarship. The focus of study varies from year to year. Possible topics include ancient medicine, technology, economics, warfare, and the popular reception of the Classical tradition. Information concerning these course offerings is provided by the department.

Note: This course may be repeated for credit when the topic varies.
Cross-listed: HIST-2090(3).
Restrictions: Students may not hold credit for this course and HIST-2090.

CLAS-2050 (3) Education in the Ancient World (3 hrs Lecture) This course discusses the upbringing, socialization, and education of children and young adults in the Greek and Roman worlds. Stressing the evidence of the ancient sources, it will deal with rituals of admission into the family and community, methods of socialization (naming practices, modelling, myth), and the development and nature of schools. The course pays particular attention to ideas and practices concerned with the development of children into adults.
Note: This is a Support Course for the Education Program.

CLAS-2055 (3) Integrating the Ancient World into School Curricula (3 hrs Lecture) Intended specifically for Education students and professional teachers seeking a post-Baccalaureate, this course provides instruction in aspects of Greek and Roman antiquity that could supplement or enhance primary, middle school, and high school curriculum. Special focus is on ideas and methods of integrating this material effectively into pre-existing courses in the langauge arts, histroy, social studies, mathematics, and sciences. Topics may include etymology (both words in common English usage and scientific vocabulary), influential historical events, seminal works of ancient literature, lines of philosophical inquiry, salient aspects of architectural design, and legal processes and governmental organization that resonate with our own.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

CLAS-2061 (3) Sport in the Ancient Greek World (3 hrs Lecture) The course examines the origin and historical development of sport in ancient Greece, its religious and political implications, and the nature of events and contests. Particular attention is given to intellectual and popular attitudes toward sport and the contribution made by ancient Greece in this area to Western civilization.
Cross-listed: KIN-2061(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and CLAS-2060 | KIN-2060 | KIN-2061 | KIN-2062.

CLAS-2062 (3) Sport in Ancient Roman World (3 hrs Lecture) The course examines the origin and historical development of sport in ancient Rome, its religious and political implications, and the nature of events and contests. Particular attention is given to intellectual and popular attitudes toward sport and the contribution made by ancient Rome in this area to Western civilization.
Cross-listed: KIN-2062(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and CLAS-2060 | KIN-2060.

CLAS-2071 (3) Woman and the Family in Greece and Rome (3 hrs Lecture) This course is an introduction to the study of woman and the family in the ancient Greek and Roman world. It is organized chronologically; Athens and Rome in the late Republic and early Empire draw special attention. Topics to be treated include women and the family in myth, kinship institutions, marriage, the family as an economic unit, relations within the family, women in law, politics, religion, sport, and literature.
Restrictions: Students may not hold credit for this course and CLAS-2070.

CLAS-2081 (3) Sites of the Ancient Greek and Roman World I (3 hrs Lecture) This course consists of one term of academic study in Winnipeg in preparation for its companion course, Sites of the Ancient Greek and Roman World II, to be undertaken normally in Greece or Italy. Specific content and focus of this course vary with the destination, but generally include instruction in the ancient history of the specific destination, the topography of the sites to be visited, and relevant readings of ancient sources in translation. Among other requirements, students are expected to undertake preliminary work for a site presentation to be mounted on location.
Restrictions: Department Permission Required.
Requisite Courses: 3 credits in Classics and permission of the Department Chair [prerequisite(s)].

CLAS-2082 (3) Sites of the Ancient Greek and Roman World II (3 hrs Lecture) This course follows up on Sites of the Ancient Greek and Roman World I, and consists of first-hand examination of museum collections and sites of the ancient world, normally in Greece and Italy. The destination and content of the course varies from year to year. As part of the requirements of the course, each student is expected to make a site presentation on location. Sites are chosen prior to leaving Winnipeg in consultation with the instructor.
Restrictions: Department Permission Required.
Requisite Courses: CLAS-2081 [prerequisite(s)].

CLAS-2100 (6) Intermediate Latin Texts (3 hrs Lecture) This course includes various selections from the field of Latin literature. Students are given assigned readings and may also do exercises in translation at sight.
Requisite Courses: CLAS-1101 with a minimum grade of B or Latin 40S [prerequisite(s)].

CLAS-2155 (3) Beginners' Latin for Teachers (3 hrs Lecture) Intended specifically for Education students and teachers seeking a post-Baccalaureate, this course introduces the basics of Latin vocabulary, grammar, and syntax; discusses methods of instruction, including conversational components; and considers the array of resources available to teachers of Latin, or to teachers who wish to incorporate elements of Latin into their curriculum. No prior knowledge of Latin is required for this course.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

CLAS-2200 (6) Intermediate Greek Texts (3 hrs Lecture) This course includes various selections from the field of ancient Greek literature. Students study the more advanced forms, syntax and vocabulary as used by ancient authors. They may also do exercises in translation at sight.
Requisite Courses: CLAS-1201 with a minimum grade of B [prerequisite(s)].

CLAS-2301 (3) The History of Archaic Greece (3 hrs Lecture) This course traces the history of Greece during the Archaic period from the beginning of the eighth century BCE through to the beginning of the fifth century BCE. Special emphasis is placed on the social, political and economic evolution of the Greek City-states (in particular Athens and Sparta), the failure of the Greeks to achieve political unity, cultural transformations, periods of warfare, and the Greeks' consequent vulnerability to external threats.
Note: Students with credit in CLAS-2091(6) or HIST-2104(6) may not receive credit for this course.
Cross-listed: HIST-2080.
Restrictions: Students may not hold credit for this course and HIST-2080.

CLAS-2302 (3) The History of Classical Greece (3 hrs Lecture) This course traces the history of Greece during the Classical period from the beginning of the fifth century BCE until the rise of Macedon in the mid-fourth century BCE. Special emphasis is placed on social, political and economic evolution of the Greek city-states (in particular Athens and Sparta), the failure of the Greeks to achieve political unity, cultural transformations, periods of warfare, and the Greeks' consequent vulnerability to external threats.
Cross-listed: HIST-2089(3).
Restrictions: Students may not hold credit for this course and CLAS-2091 | HIST-2089 | HIST-2104.

CLAS-2303 (3) The History of the Roman Republic (3 hrs Lecture) This course considers the history of the Roman Republic from the legendary foundations of the city of Rome through to the beginning of the Roman Empire. Lectures trace the major cultural, military, and societal events of the Republic. Particular emphasis is placed upon the expansion of Rome's power throughout Italy and the Mediterranean, the forces that brought about the transformation of the Roman style of government from Monarchy to Republic, and later to Empire, and the problems which attended these changes.
Cross-listed: HIST-2081(3).
Restrictions: Students may not hold credit for this course and CLAS-2096 | HIST-2081 | HIST-2096.

CLAS-2304 (3) The History of the Roman Empire (3 hrs Lecture) This course considers the history of the Roman Empire from the end of the Roman Republic through to the reign of Constantine. Lectures trace the major cultural, military, and societal events of the first three centuries of the Empire. Particular emphasis is placed upon the expansion of Rome's power throughout the Mediterranean, Europe, and the Near East, the forces, individuals, and events that affect the Empire during the period 30 BCE-c.312 CE, and the problems that attended these changes.
Cross-listed: HIST-2097.
Restrictions: Students may not hold credit for this course and CLAS-2096 | HIST-2096 | HIST-2097.

CLAS-2405 (3) Staging Greek and Roman Drama (3 hrs Lecture) This course focuses on the staging of Greek and Roman tragedy and comedy. Examination of the surviving texts of selected plays, the remains of ancient theatres, contemporary accounts of dramatic performance and relevant artwork leads to a recreation of an ancient theatrical experience with information on stage configuration, scenery, masks, costumes, properties, gestures, dance, song, mechanical devices and stage convention. In addition to their written work, students are expected to participate in demonstrations and performances in class.
Cross-listed: THFM-2405(3).
Restrictions: Students may not hold credit for this course and THFM-2405.

CLAS-2500 (3) The Ancient World Through Film (3 hrs Lecture) This course explores Greek and Roman epic, history, and drama through an examination of ancient sources in conjunction with film adaptations. Topics in the course range from how and why films differ from their sources, how literary and cinematic techniques converge, how the past is used to talk about the present, and lastly how modern theoretical approaches can make sense of myth and film.

CLAS-2700 (3) Topics in Ancient Religion (3 hrs Lecture) This course explores a specific topic in the field of religion in the Greek and Roman worlds. The focus of study varies from year to year, but emphasis is placed on the use of primary source material in translation. More detailed information about each given offering of the course can be obtained from the department. This course may be repeated for credit when the topic varies.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

CLAS-2701 (3) Classical Mythology (3 hrs Lecture) This course is designed to acquaint the student with myths found in Greek and Latin literature. Origins, functions, and interpretations of myths are examined. We also study myths as story-plots. Selections in translation from Greek and Roman writers are used to illustrate myths about the origin of the universe; gods and heroes; sagas involving Thebes, Mycenae and Troy, and the national myths of Rome.
Note: Students may not receive credit in both the former CLAS-2701(6) and CLAS-2701(3).

CLAS-2702 (3) Religion in Greece and Rome (3 hrs

Lecture) This course will survey the religious beliefs and practices of the Greeks and Romans. Topics to be discussed will include the following: the worship of Olympian and Chthonic deities, oracles, orgiastic and mystery religions, Roman cults and rituals, Oriental religions, and the beginnings of Christianity.

CLAS-2703 (3) Magic and Divination in the Greek and Roman World (3 hrs Lecture) Students are introduced to the issues surrounding unofficial, and sometimes unsanctioned, religious practices in ancient Greece and Rome. The modern problem of defining the term magic in contrast to religion, science, and philosophy in antiquity is considered as ancient examples of purportedly magical activity are discussed. Particular attention is given to social and political contexts in which such activity is identified. The history of legislation against such acts is also addressed.

CLAS-2800 (3) Greek and Latin in Today's English (3 hrs Lecture) Of the 20,000 words in common use in English, about half have come from Latin, directly or through French. Greek, too, has made its contribution and continues to do so as the language of science expands. In addition to a thorough study of the formation of nouns, verbs, and adjectives from their Greek and Latin component parts, we will examine the Greek script, principles of transliteration, medical and scientific Greek, words from Greek mythology and society, Roman numerals, legal Latin, abbreviations of Latin words in common use, Latin mottoes and proverbs, and unusual plural forms in English. No knowledge of Latin or Greek is required.
Cross-listed: LING-2208(3).
Restrictions: Students may not hold credit for this course and LING-2208.

CLAS-2850 (3) The Classical Roots of Medical Terminology (3 hrs Lecture) This course considers serveral of the most important ancient medical writers (Soranus, Celsus, and Galen, among others), their historical works, and contributions to ancient and modern medicine and medical terminology. Knowledge of medical terminology equips students for a variety of fields. This course also lays out the most important Greek and Latin roots of the vocabulary of contemporary medicine and demonstrates the predictable patterns by which these roots combine, introducing students to the concept of building language using root words, prefixes and suffixes. Students learn to define new compounds and phrases by analysis of their parts.
Cross-listed: KIN-2850(3).
Restrictions: Students may not hold credit for this course and KIN-2850.

CLAS-2901 (3) Introduction to Ancient Art and Art History (3 hrs Lecture) This course provides an introduction to ancient Greek and Roman material culture from an art historical perspective. Focusing on iconographic analysis, students examine ancient art in a variety of media, including marble and bronze statuary, architectural and relief sculpture, vase painting, wall painting, and mosaics. Students learn to understand the vocabulary of ancient imagery through a variety of methodological and theoretical models; for example, contextual analysis, semiotics and structuralism, repetition and information theory, ritual analysis and cultural poetics, Marxism, feminism, and post-colonialism and cultural diffusion.

CLAS-2910 (3) Introductory Classical Archaeology: Principles and Practices (3 hrs Lecture) This course provides an introduction to the development, principles, and practices associated with archaeological analysis and study of Classical civilizations (primarily Greece and Rome). A wide range of material categories (such as buildings, coins, pottery, sculpture, geological deposits, and plant and animal remains) are considered along with the techniques devised by Classical archaeologists for understanding them and their significance as evidence for Classical societies. Dating and chronology, geography, function, typology and the interface between material remains and written evidence are considered. Curriculum includes special attention to case studies and to hands-on experience where possible.

CLAS-2920 (3) Food, Diet and Dining in Antiquity (3 hrs Lecture) This course explores the techniques, issues, and controversies involved in reconstructing the role of food, diet and dining in Greek and Roman antiquity. Topics addressed include examination of lines of evidence (broadly encompassing ancient literary and textual evidence, depictions from art, and material remains from archaeological excavation); the economic basis for production, trade, transport and consumption of foodstuffs in antiquity; practicalities and limitations involved in cooking, preserving and preparing food stuffs; the social and philosophical context of eating and dining; the role of food in ancient religious and cult practices; medical approaches to food, diet and health in antiquity.
Cross-listed: ANTH-2229(3).
Restrictions: Students may not hold credit for this course and ANTH-2229.

CLAS-2950 (3) The Roman Army (3 hrs Lecture) This course considers the Roman army, from its origins and increasing professionalization during the Monarchy and Republic, to its role as emperor-maker during the third century CE. Topics may include the evidence for the army, recruitment, organization, strategy, unit tactics, troop disposition on the frontiers, and veterans. More broadly, this course examines the army's wider impact on culture and society with regard to religion, Romanization, and political life.
Cross-listed: HIST-2099(3).
Restrictions: Students may not hold credit for this course and HIST-2099.

CLAS-3006 (3) Topics in Ancient History (3 hrs Lecture) This course explores fundamental issues, specific social institutions, key historical figures, vital events, important periods, and current directions in the study of ancient Greek and Roman history in greater detail than the history survey classes allow. The focus of study varies from year to year. Examples include Greek and Roman slavery, Perikles and the Athenian Empire, the myth of

Alexander the Great, and comparative Greek and Roman historiography and biography. Emphasis is placed on the use of primary source material (in translation). Information concerning these course offerings is provided by the Department.
Note: This course may be repeated when the topic varies.
Cross-listed: HIST-3006.
Restrictions: Students may not hold credit for this course and HIST-3006.
Requisite Courses: 3 credits of course work in any Classics course or permission of the Department Chair [prerequisite(s)].

CLAS-3010 (3) Directed Readings in Classical Studies (3 hrs Directed Reading) Students undertake directed readings under the supervision of a faculty member. Topic, focus, and readings are arranged on an individual basis, in consultation with the instructor. Written assignments, including a cumulative final project, are the basis of evaluation.
Restrictions: Department Permission Required.

CLAS-3060 (3) Health in Antiquity (3 hrs Lecture) This course explores health, disease, and medicine in the Greek and Roman world. It draws upon evidence from the ancient textual sources (especially Galen and Hippocrates), social history, and archaeology (the latter including all manner of finds - architecture, art, artifacts, environmental materials, and skeletal remains) to examine how residents of the Greek and Roman world perceived and experienced health and disease, and how they sought to combat illness and to promote healing.
Cross-listed: ANTH-3262(3) and KIN-3060(3).
Restrictions: Students may not hold credit for this course and ANTH-3262 | KIN-3060.
Requisite Courses: 3 credits in any Classics, Anthropology, or Kinesiology course [prerequisite(s)].

CLAS-3090 (3) Classical and Medieval Science (3 hrs Lecture) This lecture/seminar course examines the theories, experiments, and calculations of Greek, Roman, and European scientists before the Scientific Revolution of the seventeenth century. As well as considering the work of the major contributors to astronomy, physics, and mathematics in this period, the course places their ideas and the work of the schools of Greece, Rome, and medieval Europe within their social, cultural, and intellectual contexts.
Cross-listed: HIST-3903(3).
Restrictions: Students may not hold credit for this course and HIST-3211 | HIST-3903.

CLAS-3100 (6) Poetry of the Republic (3 hrs Lecture) Students read in the original Latin a variety of works from the best known poets of the Republic, such as Plautus, Terence, Catullus, and Lucretius. Attention is given both to the content and form of the works in question, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-4100(6).
Restrictions: Students may not hold credit for this course and CLAS-4100.
Requisite Courses: CLAS-2100 [prerequisite(s)].

CLAS-3110 (6) Prose Literature of the Republic and Augustan Age (3 hrs Lecture) Students read in the original Latin works selected from the most famous prose authors of the Republic and Augustan Age. These may include speeches and letters of Cicero and the historical works of Sallust and Livy. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-4110(6).
Restrictions: Students may not hold credit for this course and CLAS-4110.
Requisite Courses: CLAS-2100 [prerequisite(s)].

CLAS-3120 (6) Poetry of the Augustan Age (3 hrs Lecture) Students read in the original Latin works selected from the most famous poets of the Augustan Age. These may include works from Vergil, Horace, Propertius, Tibullus, and Ovid. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-4120(6).
Restrictions: Students may not hold credit for this course and CLAS-4120.
Requisite Courses: CLAS-2100 [prerequisite(s)].

CLAS-3130 (6) Poetry of the Empire (3 hrs Lecture) Students read in the original Latin works selected from the most famous poets and dramatists of the Empire. These may include selections from Seneca, Lucan, Martial, and Juvenal. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-4130(6).
Restrictions: Students may not hold credit for this course and CLAS-4130.
Requisite Courses: CLAS-2100 [prerequisite(s)].

CLAS-3140 (6) Prose Literature of the Empire (3 hrs Lecture) Students read in the original Latin works selected from the most famous prose authors of the Empire. These may include selections from the philosophical works of Seneca, the letters of Pliny the Younger, the biographies of Suetonius, the histories of Tacitus, and the novels of Petronius and Apuleius. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-4140(6).
Restrictions: Students may not hold credit for this course and CLAS-4140.
Requisite Courses: CLAS-2100 [prerequisite(s)].

CLAS-3210 (6) Archaic Greek Poetry (3 hrs Lecture) Students read in ancient Greek selections from the works of famous poets of the Archaic period, such as Homer, Hesiod, and the lyric poets such as Alcaeus and Sappho. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-4210(6).
Restrictions: Students may not hold credit for this course and CLAS-4210.
Requisite Courses: CLAS-2200 [prerequisite(s)].

CLAS-3220 (6) Greek Tragedy and Comedy (3 hrs Lecture) Students read in ancient Greek selections from the works of famous comic and tragic poets of the Classical period, namely Aristophanes, Menander, Aeschylus, Sophocles, and Euripides. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-4220(6).
Restrictions: Students may not hold credit for this course and CLAS-4220.
Requisite Courses: CLAS-2200 [prerequisite(s)].

CLAS-3230 (6) Greek History and Philosophy (3 hrs Lecture) Students read in ancient Greek selections from the works of famous historians and philosophers of the Classical period, such as Herodotus, Thucydides, Xenophon, Plato, and Aristotle. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-4230(6).
Restrictions: Students may not hold credit for this course and CLAS-4230.
Requisite Courses: CLAS-2200 [prerequisite(s)].

CLAS-3240 (6) Greek Oratory (3 hrs Lecture) Students read in ancient Greek selections from the works of orators of the Classical period, such as Lysias, Isocrates, Aeschines, and Demosthenes. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-4240(6).
Restrictions: Students may not hold credit for this course and CLAS-4240.
Requisite Courses: CLAS-2200 [prerequisite(s)].

CLAS-3250 (6) Hellenistic Prose and Poetry (3 hrs Lecture) Students read in ancient Greek selections from the works of poets and prose authros of the Hellenistic period, such as Apollonius of Rhodes, Theocritus, Lucian, poets of the Palatine Anthology, Polybius, the fragments of Arrian, Plutarch and the Greek novelists. Attention is given both to the content and form of the works under study, and to the improvement of students' translational skills and speed.
Cross-listed: CLAS-4250(6).
Restrictions: Students may not hold credit for this course and CLAS-4250.
Requisite Courses: CLAS-2200 [prerequisite(s)].

CLAS-3255 (3) Topics in Greek and Latin (3 hrs Lecture) This course provides students who have prior experience in Latin and Greek the opportunity to explore fields of study related to philology. Examples of topics of study include papyrology, epigraphy, prose composition, and comparison of Greek and Latin literary genres. The focus of study varies from year to year. Information concerning these course offerings is provided by the Department.
Restrictions: Students may not hold credit for this course and CLAS-4255.
Requisite Courses: CLAS-2100 and CLAS-2200 and permission of the Department Chair [prerequisite(s)].

CLAS-3256 (3) Tutorial in Ancient Language and Literature (3 hrs Lecture) Under the supervision of a faculty member from the Department of Classics, students read selections from Greek or Roman works in the original Greek or Latin. Attention is given to the content and form of the words under study and to the improvement of the students' translational skills and speed. This course may be repeated when the works under study vary. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: CLAS-4256(3).
Restrictions: Students may not hold credit for this course and CLAS-4256.
Requisite Courses: CLAS-2100 or CLAS-2200, and permission of the Department Chair [prerequisite(s)].

CLAS-3260 (3) Advanced Classical Archaeology: Issues and Controversies (3 hrs Lecture | Seminar/Discussion) This course examines methodological, theoretical, and topical issues in Classical Archaeology (broadly, the archaeology of ancient Greek and Roman civilizations). Topics discussed include the integration of archaeological, scientific, artistic, and textual evidence in the reconstruction of classical cultures; controversies in theoretical perspectives of interpretation in Classical Archaeology; the assessment of ancient Greco-Roman ecological, social, ritual, and economic life on the basis of recovered artifacts and ecofacts; the use of archaeological survey data to examine ancient settlement patterns; and ethical issues associated with curation and collection of material from Greek and Roman sites.
Cross-listed: CLAS-4260(3).
Restrictions: Students may not hold credit for this course and CLAS-4260.
Requisite Courses: CLAS-2910 or permission of instructor [prerequisite(s)].

CLAS-3310 (3) Alexander the Great (3 hrs Lecture) This course looks at the life and conquests of Alexander the Great. It begins with a chronological examination of the rise of Macedon under Alexander's father, Philip II, Alexander's early life, his conquest of the Persian Empire, and ultimately, his death. Four major themes are then explored: Alexander's military and its evolution, his relationship to mainland Greece, his empire, and his divinity.
Cross-listed: HIST-3140(3).
Restrictions: Students may not hold credit for this course and HIST-2105 | HIST-3140.

CLAS-3320 (3) Death in Antiquity (3 hrs Lecture) This course approaches various aspects relating to death in antiquity (emphasizing Roman antiquity) from the perspective of two disciplines, Anthropology and Classics. Topics include beliefs and philosophies about the afterlife; causes of death, with emphasis on diseases and demographics; the practicalities of planning for death and disposing of the dead; the methods and significance of commemoration; rituals of grief and mourning; spatial distribution of cemeteries in antiquity; methods and theories in mortuary archaeology from classical sites; and analysis of osteological, artifactual, and architectural data from such sites. Contemplation of cross-cultural comparisons on these and other topics under study is encouraged.

Cross-listed: ANTH-3261(3).
Restrictions: Students may not hold credit for this course and ANTH-3261.
Requisite Courses: 3 credits in any Anthropology or Classics course [prerequisite(s)].

CLAS-3500 (6) Experiential Learning in Classics and Classical Archaeology (3 hrs Apprenticeship/Internship/Practicum) This course provides practical experience through experiential learning for students in environments outside the classroom. This takes the form of practical experience in museums, laboratories, archaeological and historical sites, and active participation in excavations. The intensive instructions employs lectures, seminars, fieldwork, and on occasion laboratory components, in order to teach analytical, interpretive, and practical techniques in Classics and Classical Archaeology. Additional in-depth work is required to receive credit at the 4000 level. Interested students should consult the Department Chair or designate.
Cross-listed: CLAS-4500(6).
Restrictions: Instructor Permission Required. Students may not hold credit for this course and CLAS-4500.

CLAS-3754 (3) Ancient Epic in Translation (3 hrs Lecture) By reading works of ancient epic in translation by important ancient authors (e.g., Homer, Apollonius, Vergil, Ovid, Lucan, Statius), students are introduced to the literary characteristics of the genre and their strategic deployment. The literary and historical contexts of specific epics are discussed in order to make their cultural significance clear.
Cross-listed: ENGL-3754(3).
Restrictions: Students may not hold credit for this course and ENGL-3754.

CLAS-3755 (3) Ancient Drama in Translation (3 hrs Lecture) Students read the works of ancient tragic poets (e.g., Aeschylus, Sophocies, Euripides, Seneca) and of ancient comic poets (e.g., Aristophanes, Menander, Plautus, Terence) in translation. Literary conventions of both ancient tragedy and comedy are addressed. The plays are situated within their broader historical and festival contexts to make clear their cultural significance.
Cross-listed: ENGL-3755(3).
Restrictions: Students may not hold credit for this course and ENGL-3755.

CLAS-3756 (3) Topics in Ancient Literature (3 hrs Lecture) This course deals with the interpretation and appreciation of literary genres, authors, or works from the canon of Greek and Latin literature. The focus of study varies from year to year. Examples include love poetry, satire, the ancient novel, and letter-writing as a literary form. Information concerning these course offerings is provided by the department.
Cross-listed: ENGL-3756(3).
Restrictions: Students may not hold credit for this course and ENGL-3756.

CLAS-3820 (3) Spectacle and Ritual (3 hrs Lecture) This course explores the nature and function of ritual behaviour, display, and pageantry in the Greek and Roman worlds. Theoretical approaches illuminate the various categories of ancient evidence. Particular topics for consideration vary, but include military triumphs and commemorations, theatrical and sporting events within a religious context, or rites of passage such as coming-of-age ceremonies weddings, and funerals. This course may be repeated for credit when the topic varies.
Cross-listed: CLAS-4820(3).
Restrictions: Students may not hold credit for this course and CLAS-4820.
Requisite Courses: 3 credit hours in any Classics course [prerequisite(s)].

CLAS-3830 (3) Kingdoms and City-States in the Greek and Roman Worlds (3 hrs Lecture) This course focuses on a particular kingdom or city-state of the ancient world. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The instructor and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department. Additional in-depth work is required to receive credit at the 4000 level.
Note: This course may be repeated when the topic varies.
Restrictions: Students may not hold credit for this course and HIST-3011.
Requisite Courses: 3 credit hours in any Classics course [prerequisite(s)].

CLAS-3840 (3) Provinces and Subjects (3 hrs Lecture) This course focuses on a particular Roman province or subject population of the Roman Empire. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The instructor and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department. Additional in-depth work is required to receive credit at the 4000 level.
Note: This course may be repeated when the topic varies.
Restrictions: Students may not hold credit for this course and HIST-3010.
Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-3850 (3) Eras (3 hrs Lecture) This course focuses on a specific era, or time period, in ancient and/or classical history. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The focus of study varies from year to year. Information concerning these course offerings is provided by the Department. Additional in-depth work is required to receive credit at the 4000 level.
Note: This course may be repeated for credit when the topic varies.
Cross-listed: HIST-3009(3).
Restrictions: Students may not hold credit for this course and HIST-3009.
Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-3870 (3) Sexuality, Sex and Gender in the

Greek and Roman Worlds (3 hrs Lecture) This course focuses on issues relating to sexuality, sex, and gender in the Greek and Roman worlds. Theoretical approaches illuminate the various categories of ancient evidence. Particular topics for consideration vary, but include the social and philosophical location of homosexuality in Classical Greece, constructions of gender in ancient social and political discourse, representations of women in art and literature, and the history of classical scholarship on these subjects in response to contemporary social movements. Additional in-depth work is required for creditat the 4000-level.
Note: This course may be repeated for credit when the topic varies.
Cross-listed: CLAS-4870(3).
Restrictions: Students may not hold credit for this course and CLAS-4870.
Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-3901 (3) Advanced Ancient Art and Art History (3 hrs Lecture) Through a detailed approach, building on the methodologies and theories introduced in CLAS-2901, students examine the idiosyncratic approaches to and the characteristic nature of one particular medium of ancient art used in the study of the Greco-Roman worlds. Approaches may include developments in technology, the practice of connoisseurship, the role of the 'artist', the history of modern collecting and its role in shaping art historical scholarship, the means of reproduction and the differing views of 'copies' in ancient and modern art appreciation, and the changing reception of an object in different times and locations.
Restrictions: Students may not hold credit for this course and CLAS-4901.
Requisite Courses: CLAS-2901 or permission of the instructor [prerequisite(s)].

CLAS-3910 (3) Ancient Environments and Ecology (3 hrs Lecture) This course explores approaches, techniques, issues, and applications involved in the reconstruction of ancient environmental and ecological conditions and settings (predominantly for Greco-Roman antiquity). Topics addressed include the use of environmental archaeology (e.g., geoarchaeology, archaeobotany, palynology, zooarchaeology) in assessing paleoenvironments and paleoecology; natural resource and landscape exploitation in antiquity as determined from synthesis of literary, artistic, and archaeological datasets; climate and environmental change in antiquity; human management and mismanagement of environmental and ecological conditions in the past, including aspects of overhunting, deforestation, pollution and natural disasters. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: CLAS-4910(3).
Restrictions: Students may not hold credit for this course and CLAS-4910.

CLAS-4000 (3) Advanced Studies in Classics and Classical Archaeology (3 hrs Seminar/Discussion) This course explores specific issues, instututions, aspects, historical figures, events, or themes of central importance to ancient Greek or Roman society, history, or culture. The topic is approached from the combined standpoints of ancient textual and material evidence in the light of modern theory and scholarship. Students in both the language stream and the civilization stream may take this course for credit towards their Honours requirements. The instructor and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department.
Restrictions: Honours Form Required.

CLAS-4020 (3) Tutorial in Classics and Classical Archaeology (3 hrs Tutorial) Students arrange subject, focus, and readings on an individual basis, in consultation with an instructor. Assignments, including a cumulative final project, form the basis of evaluation.
Restrictions: Honours Form Required.

CLAS-4100 (6) Poetry of the Republic (3 hrs Seminar/Discussion) Students read in the original Latin a variety of works from the best known poets of the Republic, such as Plautus, Terence, Catullus, and Lucretius. Attention is given both to the content and form of the works in question, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-3100(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3100.
Requisite Courses: CLAS-2100 [prerequisite(s)].

CLAS-4110 (6) Prose Literature of the Republic and Augustan Age (3 hrs Lecture) Students read in the original Latin works selected from the most famous prose authors of the Republic and Augustan Age. These may include speeches and letters of Cicero and the historical works of Sallust and Livy. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-3110(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3110.
Requisite Courses: CLAS-2100 [prerequisite(s)].

CLAS-4120 (6) Poetry of the Augustan Age (3 hrs Lecture) Students read in the original Latin works selected from the most famous poets of the Augustan Age. These may include works from Vergil, Horace, Propertius, Tibullus, and Ovid. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-3120(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3120.
Requisite Courses: CLAS-2100 [prerequisite(s)].

CLAS-4130 (6) Poetry of the Empire (3 hrs Lecture) Students read in the original Latin works selected from the most famous poets and dramatists of the Empire. These may include selections from Seneca, Lucan, Martial, and Juvenal. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-3130(6).

Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3130.
Requisite Courses: CLAS-2100 [prerequisite(s)].

CLAS-4140 (6) Prose Literature of the Empire (3 hrs Lecture) Students read in the original Latin works selected from the most famous prose authors of the Empire. These may include selections from the philosophical works of Seneca, the letters of Pliny the Younger, the biographies of Suetonius, the histories of Tacitus, and the novels of Petronius and Apuleius. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-3140(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3140.
Requisite Courses: CLAS-2100 [prerequisite(s)].

CLAS-4210 (6) Archaic Greek Poetry (3 hrs Seminar/Discussion) Students read in ancient Greek selections from the works of famous poets of the Archaic period, such as Homer, Hesiod, and the lyric poets such as Alcaeus and Sappho. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-3210(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3210.
Requisite Courses: CLAS-2200 [prerequisite(s)].

CLAS-4220 (6) Greek Tragedy and Comedy (3 hrs Lecture) Students read in ancient Greek selections from the works of famous comic and tragic poets of the Classical period, namely Aristophanes, Menander, Aeschylus, Sophocles, and Euripides. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-3220(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3220.
Requisite Courses: CLAS-2200 [prerequisite(s)].

CLAS-4230 (6) Greek History and Philosophy (3 hrs Lecture) Students read in ancient Greek selections from the works of famous historians and philosophers of the Classical period, such as Herodotus, Thucydides, Xenophon, Plato, and Aristotle. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-3230(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3230.
Requisite Courses: CLAS-2200 [prerequisite(s)].

CLAS-4240 (6) Greek Oratory (3 hrs Seminar/Discussion) Students read in ancient Greek selections from the works of orators of the Classical period, such as Lysias, Isocrates, Aeschines, and Demosthenes. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.
Cross-listed: CLAS-3240(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3240.
Requisite Courses: CLAS-2200 [prerequisite(s)].

CLAS-4250 (6) Hellenistic Prose and Poetry (3 hrs Lecture) Students read in ancient Greek selections from the works of poets and prose authors of the Hellenistic period, such as Apollonius of Rhodes, Theocritus, Lucian, poets of the Palatine Anthology, Polybius, the fragments of Arrian, Plutarch and the Greek novelists. Attention is given both to the content and form of the works under study, and to the improvement of students' translational skills and speed.
Cross-listed: CLAS-3250(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3250.
Requisite Courses: CLAS-2200 [prerequisite(s)].

CLAS-4255 (3) Topics in Greek and Latin (3 hrs Lecture) This course provides students who have prior experience in Latin and Greek the opportunity to explore fields of study related to philology. Examples of topics of study include papyrology, epigraphy, prose composition, and comparison of Greek and Latin literary genres. The focus of study varies from year to year. Information concerning these course offerings is provided by the Department.
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3255.

CLAS-4256 (3) Tutorial Ancient Language & Literature (3 hrs Lecture) Under the supervision of a faculty member from the Department of Classics, students read selections from Greek or Roman works in the original Greek or Latin. Attention is given to the content and form of the words under study, and to the improvement of the students' translational skills and speed. This course may be repeated when the works under study vary. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: CLAS-3256(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3256.
Requisite Courses: CLAS-2100 or CLAS-2200, and permission of the Department Chair [prerequisite(s)].

CLAS-4260 (3) Advanced Classical Archaeology: Issues and Controversies (3 hrs Lecture | Seminar/Discussion) This course examines methodological, theoretical, and topical issues in Classical Archaeology (broadly, the archaeology of ancient Greek and Roman civilizations). Topics discussed include the integration of archaeological, scientific, artistic, and textual evidence in the reconstruction of classical cultures; controversies in theoretical perspectives of interpretation in Classical Archaeology; the assessment of ancient Greco-Roman ecological, social, ritual, and economic life on the basis of recovered artifacts and ecofacts; the use of archaeological survey data to examine ancient settlement patterns; and ethical issues associated with curation and collection of material from Greek and Roman sites.
Cross-listed: CLAS-3260(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3260.

Requisite Courses: CLAS-2910 or permisison of instructor [prerequisite(s)].

CLAS-4400 (6) Thesis (3 hrs Project / Thesis) All Classics Honours students must complete the thesis as part of their degree requirements. This is normally undertaken in the final year of the degree. Students wishing to enrol in this course must consult the Chair of the Department of Classics well in advance of registration to determine the thesis topic. The Chair, in consultation with the faculty, assigns each thesis candidate a supervisor, under whose guidance the thesis is completed. Students are expected to meet regularly with their supervisors. At each meeting, progress towards completion must be demonstrated.
Restrictions: Honours Form Required.

CLAS-4500 (6) Experiential Learning in Classics and Classical Archaeology (3 hrs Apprenticeship/Internship/Practicum) This course provides practical experience through experiential learning for students in environments outside the classroom at a more intensive and more advanced level than CLAS-3500. This takes the form of practical experience in museums, laboratories, archaeological and historical sites, and active participation in excavations. The intensive instruction employs lectures, seminars, fieldwork, and on occasion laboratory components, in order to teach analytical, interpretive, and practical techniques in Classics and Classical Archaeology. Notes: This course is open only to students in the Honours BA in Classics (Classical Civilization) and the Honours BA in Classics (Classical Languages).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3500.

CLAS-4820 (3) Spectacle and Ritual (3 hrs Lecture) This course explores the nature and function of ritual behaviour, display, and pageantry in the Greek and Roman worlds. Theoretical approaches illuminate the various categories of ancient evidence. Particular topics for consideration vary, but include military triumphs and commemorations, theatrical and sporting events within a religious context, or rites of passage such as coming-of-age ceremonies weddings, and funerals. This course may be repeated for credit when the topic varies. Additional in-depth work is required for credit at the 4000-level. Additional Requirements: Students taking this course at the 4000 level must be registered as Classics Honours students.
Cross-listed: CLAS-3820(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3820.
Requisite Courses: 3 credit hours in any Classics course as well as be a student in good standing in the Classics Honours program [prerequisite(s)].

CLAS-4830 (3) Kingdoms and City-States in the Greek and Roman Worlds (3 hrs Lecture) This course focuses on a particular kingdom or city-state of the ancient world. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The instructor and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department. Additional in-depth work is required to receive credit at the 4000 level.
Note: Students taking this course at the 4000 level must be registered as Classics Honours Students.
Restrictions: Honours Form Required.
Requisite Courses: at least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4840 (3) Provinces and Subjects (3 hrs Lecture) This course focuses on a particular Roman province or subject population of the Roman Empire. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The instructor and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department. This course may be repeated when the topic varies. Additional in-depth work is required to receive credit at the 4000 level.
Note: Students taking this course at the 4000 level must be registered as Classics Honours Students.
Restrictions: Honours Form Required.
Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4850 (3) Eras (3 hrs Lecture) This course focuses on a specific era, or time period, in ancient and/or classical history. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The focus of study varies from year to year. Information concerning these course offerings is provided by the Department. This course may be repeated for credit when the topic varies. Additional in-depth work is required to receive credit at the 4000 level.
Note: Students taking this course at the 4000 level must be registered as Classics Honours Students.
Restrictions: Honours Form Required.
Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4870 (3) Sexuality, Sex, and Gender in the Greek and Roman Worlds (3 hrs Lecture) This course focuses on issues relating to sexuality, sex, and gender in the Greek and Roman worlds. Theoretical approaches illuminate the various categories of ancient evidence. Particular topics for consideration vary, but include the social and philosophical location of homosexuality in Classical Greece, constructions of gender in ancient social and political discourse, representations of women in art and literature, and the history of classical scholarship on these subjects in response to contemporary social movements. This course may be repeated for credit when the topic varies. Additional in-depth work is required to receive credit at the 4000 level.
Note: Students taking this course at the 4000 level must be registered as Classics Honours Students.
Cross-listed: CLAS-3870(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3870.
Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4901 (3) Advanced Ancient Art and Art History (3 hrs Lecture) Through a detailed approach, building on the methodologies and theories introduced in CLAS-2901, students examine the idiosyncratic approaches to and the characteristic nature of one particular medium of ancient art used in the study of the Greco-Roman worlds. Approaches may include developments in technology, the practice of connoisseurship, the role of the 'artist', the history of modern collecting and its role in shaping art historical scholarship, the means of reproduction and the differing views of 'copies' in ancient and modern art appreciation, and the changing reception of an object in different times and locations.
Note: Students taking this course at the 4000 level must be registered as Classics Honours Students.
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3901.
Requisite Courses: CLAS-2901 or permission of instructor and Classics Chair (or designate) for 4000 level students [prerequisite(s)].

CLAS-4910 (3) Ancient Environments and Ecology (3 hrs Lecture | 1 hrs Lab) This course explores approaches, techniques, issues, and applications involved in the reconstruction of ancient environmental and ecological conditions and settings (predominantly for Greco-Roman antiquity). Topics addressed include the use of environmental archaeology (e.g., geoarchaeology, archaeobotany, palynology, zooarchaeology) in assessing paleoenvironments and paleoecology; natural resource and landscape exploitation in antiquity as determined from synthesis of literary, artistic, and archaeological datasets; climate and environmental change in antiquity; human management and mismanagement of environmental and ecological conditions in the past, including aspects of overhunting, deforestation, pollution and natural disasters. Additional in-depth work is required to receive credit at the 4000 level.
Note: Students taking this course at the 4000 level must be registered as Classics Honours Students.
Cross-listed: CLAS-3910(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3910.

CONFLICT RESOLUTION STUDIES

CRS-1200 (6) Introduction to Conflict Resolution Studies (3 hrs Lecture) Disagreements, hurtful relationships, bullying, verbal aggression, physical assault, genocide, and war-human conflict is widespread in personal, community, and global settings, and all experience conflict in some way. This course prepares students to deal constructively with conflict through creative problem solving, effective communication, productive use of power, skills for peaceful justice-making, and understanding gender dynamics. To deal with personal and others' conflicts, students explore approaches such as negotiation, mediation, nonviolent action, cross-cultural sensitivity, legal alternative dispute resolution, and restorative justice.
Restrictions: Students may not hold credit for this course and MSC-1200.

CRS-2111 (1.5) Special Topics Workshop (1.5 hrs Apprenticeship/Internship/Practicum) This workshop offers students the opportunity to learn and practice various conflict resolution skills used within a wide variety of settings. Areas of study may include topics such as compassionate listening, faith-based community peacebuilding, identity conflict resolution skills, and diversity awareness training. This course may be repeated for credit when topic varies.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2131 (3) History of Peace and Nonviolence I (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from ancient times to the 1700s. It focuses in particular on Europe, with special emphasis on the period from ancient Greece and Rome, to Early Modern times in Western Europe. The course also addresses history of peace in other parts of the world. Thus, it contrasts Christian traditions of nonviolence with those of Hindu, Buddhist and other eastern traditions. For case studies, the course examines Mennonite communities in 16th and 17th century Switzerland and the Netherlands.
Cross-listed: MENN-2131(3) and HIST-2131(3).
Restrictions: Students may not hold credit for this course and HIST-2131 | MENN-2131.

CRS-2132 (3) History of Peace and Nonviolence II (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from the 1700s to the present. It focuses in particular on North America, but also covers selected events in other parts of the world. The course, thus, contrasts Christian traditions of nonviolence with those of aboriginal, secular, and eastern cultures. For case studies, the course examines Mennonite communities in 19th and 20th century Canada and the United States where Mennonites have embraced pacifism as a fundamental principle of social organization.
Cross-listed: MENN-2132(3) and HIST-2132(3).
Restrictions: Students may not hold credit for this course and HIST-2132 | MENN-2132.

CRS-2210 (3) Conflict Theory and Analysis (3 hrs Lecture) Analyzing social and interpersonal conflict lays the ground work for effective conflict resolution. Students encounter and critique various theoretical perspectives such as individual characteristics, social process, and social structural theories. Students evaluate the usefulness of these theories by applying them to different conflict situations, and develop their abilities to identify conflict resolution strategies appropriate to the conflict analysis. This course is closely integrated with and must be taken concurrently with CRS-2211(1.5) Coaching Skills Workshop.
Restrictions: Students may not hold credit for this course and MSC-2102.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)]; CRS-2211 (must be taken previously or at the same time as this course).

CRS-2211 (1.5) Coaching Skills Workshop (1.5 hrs Workshop) In this workshop students learn and practice informal models of third party participation in conflict resolution. Under the supervision of an experienced practitioner, students learn how to coach and prepare disputants effectively, and how to facilitate informal conflict resolution intervention. This workshop is integrated with and must be taken concurrently with CRS-2210(3) Conflict Theory and Analysis.
Note: Students may not hold credit in both this course and the former CRS-2211(1.5) Conciliation Skills Workshop.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)]; CRS-2210 (must be taken concurrently).

CRS-2221 (3) Restorative Justice (3 hrs Lecture) This course identifies the principles of restorative justice and explore the application of these principles in various contexts. This will include a critical assessment of various forms of victim offender mediation, as well as the application of restorative principles at various levels within the criminal justice system, as they affect victims, offenders, and the community. Alternative models of justice as a whole will also be considered.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2231 (3) Nonviolent Social Change (3 hrs Lecture) This course explores the imperative of social change from a social justice perspective. After studying the meanings of power and its exercise as well as theories of non-violence, students are taken through the modalities of non-violent social action. The practicalities of planning, strategizing, and implementing non-violent struggle are covered through case study methodology. Students cover such topics as the formation of coalitions, getting media attention, framing messages, and mobilizing constituents. The course is designed to help students understand and participate more effectively in initiatives for non-violent social action.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2232 (3) Introduction to Conflict Resolution in Educational Settings (4 hrs Lecture) This course will

present an introduction to the theory and methods of conflict resolution, with special emphasis on conflict in educational settings. The course will help students to understand the nature of human conflict, responses to conflict, and models for constructive ways to deal with conflict between and among individuals and groups. Topics will include anger, power, creative dimensions of conflict, and mediation. These will be examined from an interdisciplinary perspective.
Cross-listed: EDUC-2232(3).
Restrictions: Students may not hold credit for this course and EDUC-2232.

CRS-2241 (3) Conflict and Culture (3 hrs Lecture) In this course students explore the relationship between culture and conflict from an interdisciplinary perspective. Students examine their own cultural perspectives and worldviews as well as cultural differences in response to conflict. The course examines the origins and nature of conflict between and among cultures, with special reference to the relationships between cultural values and conflict resolution processes. Special attention is given to popular culture, religion, cultural models of conflict resolution, rituals of reconciliation, and inter-ethnic conflict in the modern world.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2242 (3) Methods of Conflict Resolution in Educational Settings (4 hrs Lecture) This course will provide practical applications of conflict resolution skills, for teaching conflict resolution and for the implementation of conflict management programs from elementary to secondary levels. Practical skills for conflict resolution in the classroom, in the home, in the peer group, and in staff relations will be developed. Areas of skill learning will include conflict mediation, listening skills, responding to anger and violence, and classroom management. A practicum component will be included to provide the opportunity to link theory to practice.
Cross-listed: EDUC-2242(3).
Restrictions: Students may not hold credit for this course and EDUC-2242.
Requisite Courses: CRS-2232 or EDUC 1001 or EDUC 1801, and CRS-1200 [prerequisite(s)].

CRS-2251 (3) Conflict in the Family I (3 hrs Lecture) This course is designed to help students understand how conflict develops and manifests itself within familial relationships. Students study the nature of the family through the lens of a systemic perspective by examining family structure, communication patterns, and gender issues in relation to the family life cycle. Students learn to differentiate between destructive and constructive conflict processes in the family. They then progress to an understanding of how to transform antagonistic conflict into problem solving.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2252 (3) Conflict and Communication (3 hrs Lecture) This course provides some theoretical underpinnings of the dynamics of communication in interpersonal and small group conflict. Issues surrounding diversity are examined in depth, specifically with respect to individual and cultural differences. Direct instruction is provided in the analysis, development, and implementation of self-management and interpersonal communication skills to enhance healthy relationships and prevent dysfunctional conflict in daily life.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2261 (3) Conflict in the Family II (3 hrs Lecture) Building upon the systemic family theory and the life cycle processes studied in Conflict in the Family I, this course closely examines specific family conflicts in marital relations, parents with younger children, parents with adolescents, single parents, step and blended families, and same-sex couples. Drawing from class discussion, the academic literature, and personal anecdotes, family relational conflict is explored for both its deepening potential and its inhibiting power.
Requisite Courses: CRS-1200 and CRS-2251 or permission of the instructor [prerequisite(s)].

CRS-2262 (3) Conflict, Faith and Community (3 hrs Lecture) This course explores how conflict and conflict resolution are linked to personal faith and life in community. Students first have the opportunity to investigate what is meant by "faith" and "community." Students then explore how faith and community can shape their understanding of conflict and the practice of conflict resolution. Diverse views of conflict and faith developed by secular as well as various religious communities is examined.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2271 (3) Conflict Within Groups (3 hrs Lecture) The dynamics of group conflict include both interpersonal interactions and collective processes. In this course students develop analytical tools and practical facilitation skills to deal with group conflict in a variety of settings: study groups, sports teams, work teams, and social change efforts. Students learn hands-on approaches for assessing complex social processes and the diverse factors in group conflict including concepts of group formation, collective decision-making, and effective facilitation. Students also study leadership and issues of power and diversity affecting groups. The teaching/learning format for this course includes lectures, small and large group work, as well as written reflections and skill development exercises.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2281 (3) Selected Topics in Conflict Resolution Studies (3 hrs Lecture) The course is designed to introduce students to the reality and complexity of conflict situations within a number of settings, such as small and large communities, organizations, and families. The course has a strong applied component, presenting specific mediation problems through a case study approach.
Requisite Courses: CRS-1200 or permission of CRS Coordinator [prerequisite(s)].

CRS-2421 (3) Legal Systems and Alternative Dispute Resolution (ADR) (3 hrs Lecture) This course compares and contrasts legal and alternative dispute resolution processes, with special reference to the relative benefits and detriments of each. It also considers the possibilities for change in each process.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2431 (3) Negotiation Theory and Practice (3 hrs Lecture) This course examines the theory and practice of negotiation, including topics such as negotiating skills, contextual factors, agreement implementation and follow-up, multilateral negotiation, and third party intervention.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2443 (3) Conflict and Development Issues in Indigenous Communities (3 hrs Lecture) Within the broad frameworks of international development and conflict resolution studies, this course explores the dynamics of indigenous people globally, with special reference to the Canadian context. The course describes key elements of indigenous cultures and world views. It examines inter- and intra-group conflict and conflict resolution processes involving indigenous communities. Processes of marginalization and underdevelopment are presented in order to understand the indigenous communities' social, economic, and political situations. Strategies for community development and conflict resolution will be highlighted as means to achieve transformation.
Cross-listed: IDS-2443(3).
Restrictions: Students may not hold credit for this course and IDS-2443.
Requisite Courses: CRS-1200 or IDS-1100 or permission of the instructor [prerequisite(s)].

CRS-3220 (3) Models for Conflict Transformation (3 hrs Lecture) This course examines historical and contemporary models for nonviolent conflict transformation. It defines processes such as conflict management, conflict resolution, and conflict transformation. Students explore ways to prevent destructive conflict, the roles of forgiveness and reconciliation in divided societies, and tools to build sustainable peace. Models used to address conflicts include sustainable peacebuilding, human needs theory, transformative mediation, forgiveness, nonviolent social change, public apologies, truth and reconciliation commissions, Indigenous circles, and multi-track diplomacy. This course is closely integrated with and must be taken concurrently with CRS-3221(1.5) Mediation Skills Workshop.
Restrictions: Students may not hold credit for this course and CRS-2220 | MSC-2103.
Requisite Courses: CRS-1200 or permission of instructor [prerequisite(s)]; CRS-3221 (must be taken previously or at the same time as this course).

CRS-3221 (1.5) Mediation Skills Workshop (1.5 hrs Workshop) This hands-on workshop offers students the opportunity to learn and practice third-party mediation in conflict resolution. Through interaction in small groups and various mediation simulations, students learn a model of mediation to deal with interpersonal conflicts, and skills to facilitate a mediation session whose aim is a constructive resolution between two people in conflict. This workshop is closely integrated with and must to taken concurrently with CRS-3220(3)
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)]; CRS-3220 (must be taken concurrently).

CRS-3231 (3) Ethics in Conflict Resolution (3 hrs Lecture) This course examines the ethical dimensions of conflict resolution. The first part of the course focuses on four ethical theories: Kantian, Consequentialism, Virtue and Principlism. The second part of the course draws on specific issues in conflict resolution, especially with reference to the mediation process, such as neutrality, justice and confidentiality. This part of the course includes the analysis of case studies and codes of professional conduct.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-3240 (3) Workplace Conflict Resolution (3 hrs Lecture) This course examines contemporary workplace issues, causes of workplace conflict and a variety of dispute and conflict resolution responses such as negotiation, conciliation, mediation, grievance procedures, and arbitration as well as tribunals such as labor relations boards and human rights commissions. Examination of approaches to conflict resolution in the workplace includes reference to such issues as violence, bullying, harassment, organizational culture, "constructive dismissal," and other workplace concerns.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-3242 (3) Women and Peacemaking (3 hrs Lecture) This course addresses, from an interdisciplinary perspective, both theoretical and practical contributions that women have made to peacemaking in the modern world. It includes analysis of women's involvement in peace action, research, and education. Attention is given to the challenges that activists face in organizing around their identity as women, such as the challenge of building common ground among women with varied experiences and concerns.
Cross-listed: WGS-3242(3).
Restrictions: Students may not hold credit for this course and WGS-3242.
Requisite Courses: CRS-1200 or WGS-1232 or permission of the instructor [prerequisite(s)].

CRS-3262 (3) Critical Issues in Conflict Resolution (3 hrs Lecture) Using the perspectives of conflict resolution studies, this course examines issues of current social controversy as instances of social conflict, including the analysis of characteristics of conflict and directions for the field of conflict resolution. Specific issues examined vary from year to year, but may include such topics as native/aboriginal issues, alternative healing models, and issues of conflict and spirituality.
Requisite Courses: CRS-1200 or permission of the

instructor [prerequisite(s)].

CRS-3272 (3) Refugees and Forced Migration (3 hrs Lecture) Global trends continue to show unprecedented numbers of forcibly displaced people worldwide. Countries have struggled with how to assist refugees and internally displaced people. Less than one percent of refugees under UNHCR mandate are resettled in other countries. This course explores the root causes of forcibly displaced people; the costs associated with such movements, including economic, physical, and mental health; the responses of world governments; and the work of resettlement agencies in assisting refugees. The issues and lessons learned from the experience of resettling and integrating refugees around the world are studied, including in Canada.
Cross-listed: HR-3272(3).
Restrictions: Students may not hold credit for this course and HR-3272.
Requisite Courses: CRS-1200 or HR-1200, or permission of the instructor [prerequisite(s)].

CRS-3292 (6) Directed Readings in Conflict Resolution Studies (3 hrs Directed Reading) In this course, readings and assignments in the area of Conflict Resolution Studies will be arranged between an individual student and the instructor.
Note: This course is only available to students in their final year of classes and with a declared major in CRS.
Restrictions: Instructor Permission Required. Students may not hold credit for this course and CRS-3293 | MSC-3101.
Requisite Courses: CRS-1200, CRS-2210, CRS-3220 and permissions of the instructor [prerequisite(s)].

CRS-3293 (3) Directed Readings in Conflict Resolution Studies (3 hrs Directed Reading) This course is designed for senior students with exceptional potential in the field of Conflict Resolution. All reading requirements in the course are selected and directed by a specialist in this field.
Restrictions: Instructor Permission Required. Students may not hold credit for this course and CRS-3292.
Requisite Courses: CRS-1200, CRS-2210, CRS-3220 and permission of the instructor [prerequisite(s)].

CRS-3294 (3) Practicum in Conflict Resolution Studies (3 hrs Apprenticeship/Internship/Practicum) This program is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves voluntary work with a relevant agency, exposing students to actual work settings where they can apply their insights about conflict and its resolution. Students integrate theory with practice through seminar participation, and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: CRS-1200 and CRS-2210 and CRS-3220, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

CRS-3295 (3) Practicum in Conflict Resolution Studies (3 hrs Apprenticeship/Internship/Practicum) This program is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves voluntary work with a relevant agency, exposing students to actual work settings where they can apply their insights about conflict and its resolution. Students integrate theory with practice through seminar participation, and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: CRS-1200 and CRS-2210 and CRS-3220, permission of Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

CRS-3296 (1.5) Practicum in Conflict Resolution Studies (1.5 hrs Apprenticeship/Internship/Practicum) This program is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves voluntary work with a relevant agency, exposing students to actual work settings where they can apply their insights about conflict and its resolution. Students integrate theory with practice through seminar participation, and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: CRS-1200 and CRS-2210 and CRS-3220, permission of Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

CRS-3297 (1.5) Practicum in Conflict Resolution Studies (1.5 hrs Apprenticeship/Internship/Practicum) This program is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves voluntary work with a relevant agency, exposing students to actual work settings where they can apply their insights about conflict and its resolution. Students integrate theory with practice through seminar participation, and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: CRS-1200 and CRS-2210 and CRS-3220, permission of Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

CRS-3298 (6) Practicum in Conflict Resolution Studies (6 hrs Apprenticeship/Internship/Practicum) This program is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves voluntary work with a relevant agency, exposing students to actual work settings where they can apply their insights about conflict and its resolution. Students integrate theory with practice through seminar participation, and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: CRS-1200 and CRS-2210 and CRS-3220, permission of Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

CRS-3299 (3) Practicum in Conflict Resolution Studies (3 hrs Apprenticeship/Internship/Practicum) This program is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves voluntary work with a

relevant agency, exposing students to actual work settings where they can apply their insights about conflict and its resolution. Students integrate theory with practice through seminar participation, and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: CRS-1200 and CRS-2210 and CRS-3220, permission of Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

CRS-3331 (3) Genocide, War, and Violent Conflict (3 hrs Lecture) Genocide, war, and violent conflict are among the most pressing problems investigated by conflict analysts. This course helps students interpret and understand unfolding situations of large-scale violence in the world. To aid that process we examine a variety of theoretical approaches, case studies, and core debates in the area from an interdisciplinary perspective. Contemporary efforts to ameliorate selected cases of violent conflict, war, and genocide are also examined.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-3332 (3) Trauma and Violence (3 hrs Lecture) This course explores serious, violent conflict, with attention to the multifaceted causes, dynamics, and traumatic consequences of violence. It considers these issues at all relevant levels, including intrapersonal, interpersonal, familial, community, and national. Students are exposed to the existing knowledge base in research and crisis theory, and also observe and study practical skills for crisis first aid and community longer-term intervention.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-3410 (3) Transitional Justice (3 hrs Lecture) This course examines transitional justice, the processes by which societies deal with the legacy of widespread human rights abuses after a period of oppression or violent conflict in order to achieve the transition to a just and stable society. The course investigates a variety of transitional justice mechanisms, such as reparations, truth commissions, reconciliation activities and criminal tribunals.
Cross-listed: HRGS-3410(3).
Restrictions: Students may not hold credit for this course and HR-3410 | HRGS-3410.
Requisite Courses: HR-2100 and HR-2200,or the former HRGS-2101, or the former POL-2101 or permission of the instructor [prerequisite(s)].

CRS-3901 (3) Humanitarian Aid and Conflict: Do No Harm (3 hrs Lecture) This course focuses on the problems of providing assistance in complex emergencies, where armed conflict has generated crises requiring a humanitarian response. It covers the nature of contemporary armed conflict, the actors involved in responding to complex emergencies, and the many dimensions of humanitarian aid and intervention. Through analysis of aid's impacts on the conflict and its effectiveness at meeting human needs, the course explores models of humanitarian assistance that minimize negative impacts.
Cross-listed: IDS-3901(3).
Restrictions: Students may not hold credit for this course and IDS-3901.
Requisite Courses: CRS-1200 or IDS-1100 and 45 credit hours of university credit, or permission of the instructor [prerequisite(s)].

CRS-3910 (3) Peace Theory and Practice (3 hrs Lecture) This course investigates theories of peace. Theories of war and the practice of warfare have been studied a great deal; theories of peace and the practice of peace have been studied less. The course begins with attempts to define peace - a task as difficult as that of defining war and conflict - by drawing on key studies by peace research scholars like Galtung, Reardon, and Elshtain. The course is conducted in a modified seminar format (half the course in large group format, the remainder utilizing small group problem-based learning).
Cross-listed: IDS-3910(3).
Restrictions: Students may not hold credit for this course and IDS-3910.
Requisite Courses: CRS-1200 or IDS 1100 or permission of the instructor [prerequisite(s)].

CRS-3920 (3) Action Research Methods (3 hrs Lecture) This course investigates the contemporary research and field work methods commonly used by researchers and practitioners in the fields of international development and conflict resolution studies. The course emphasizes attitudes and skills necessary to conduct participatory action research. Topics and techniques covered in the course include planning for research, proposal writing, sampling strategies, interviewing and focus group techniques, life history, photovoice and participatory video, integrating qualitative and quantitative methods, and post-field work activities.
Cross-listed: IDS-3920(3).
Restrictions: Students may not hold credit for this course and IDS-3920.
Requisite Courses: CRS-1200 or IDS 1100 or permission of the instructor [prerequisite(s)].

CRS-3931 (3) Human Rights and Conflict Resolution (3 hrs Lecture) Human rights advocates and conflict resolution practitioners both aim to build peaceable societies based on mutual respect and the rule of law. Rights advocates typically push the justice agenda while conflict resolution practitioners strive for transformation often without utilizing human rights norms and institutions as a basis for stability. This course systematically evaluates the tensions and parallels between the two fields, examining some of the ways in which human rights and conflict resolution scholars and practitioners can interact in their approaches. Basic human rights concepts are introduced and case studies are used in an exploration of the issues.
Cross-listed: HRGS-3931(3).
Restrictions: Students may not hold credit for this course and HR-3931.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-4200 (3) Senior Seminar in Conflict Resolution Studies (3 hrs Seminar/Discussion) This course provides

a broad overview of the field of Conflict Resolution Studies, and highlights the unity in the field at all scales from the personal to the global. It emphasizes major theories and practical approaches with which to analyze and address different types of social conflict at interpersonal/organizational and community/global levels. As a major component of the course requirement students research and present a mini-thesis on a topic of their choice.
Requisite Courses: CRS-1200, CRS-2210, CRS-2241, and CRS-3220 or permission of the instructor [prerequisite(s)].

CRS-4224 (3) Inner Peace and Conflict Transformation (3 hrs Lecture) The course explores the nature of inner conflict, based on knowledge and skills developed through the study of interpersonal, inter-group, and other levels of conflict. Inner conflict is viewed not as a problem or failure but as a normal and natural aspect of human experience. Inner peace is defined as a state of balance or equilibrium between the present and the emergent self. Inner conflict transformation is seen to be an ongoing process of growth and change.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-4240 (3) Workplace Dispute System Design (3 hrs Lecture) The course is designed to develop an understanding of the nature and causes of conflict in the workplace, and the implementation of conflict resolution systems within the organization. Areas of study include systems design related to the organizational culture, context, and structure. It examines past and current conflict resolution systems, structures that are necessary to support conflict management systems, and emerging trends in workplace dispute systems design. The course then studies organizational advantages and disadvantages of investing in dispute systems design.
Requisite Courses: CRS-1200 or CRS-3240 or permission of the instructor [prerequisite(s)].

CRS-4252 (3) Advanced Studies in Mediation Practice (3 hrs Lecture) The course provides an in-depth examination of contemporary developments and issues in the theory and practice of mediation as a method for conflict resolution. These are examined in several different contexts where mediation is practiced, including areas such as victim-offender conflict, family and divorce, labour-management relations, environmental issues, conflict in schools, and international relations. In each case the examination emphasizes the social-structural circumstances that influence the nature of mediation practice. The course draws extensively on research findings and case-study materials relating to the contemporary practice of mediation.
Requisite Courses: CRS-1200 and CRS-2210 and CRS-3220, or permission of the instructor [prerequisite(s)].

CRS-4293 (3) Directed Readings in Conflict Resolution Studies (3 hrs Directed Reading) This course is offered to senior CRS students. Readings, assignments, and course of study are selected and agreed upon in consultation between the individual student and the instructor.
Restrictions: Department Permission Required.
Requisite Courses: CRS-1200 and CRS-2210 and CRS-3220, and permission of the Department Chair [prerequisite(s)].

CRS-4350 (3) Truth, Memory, and Reconciliation (3 hrs Seminar/Discussion) The suffering from atrocities during war-time is often seen as producing lingering individual and collective trauma, contributing to either personal dysfunction or successive cycles of violence where oppressed groups become the perpetrators in future regimes or conflicts. This course probes the role of memory in transitional societies, with particular emphasis on using memory to strengthen mechanisms for justice and human rights. Reconciliation projects, ranging from community-based initiatives to formal legislated undertakings such as truth and reconciliation commissions are examined in depth.
Cross-listed: HR-4350(3).
Restrictions: Students may not hold credit for this course and HR-4350 | HRGS-4350.
Requisite Courses: HRGS-3410 or HR-3410 or permission of the instructor [prerequisite(s)].

CRS-4910 (3) Conflict and the Construction of the Other (3 hrs Seminar/Discussion) This seminar addresses a central question raised in post-colonial theory about the way humans construct and maintain an understanding of the Other. We ask the question, "Have scholars found the idea of the Other useful as a synthesizing concept?" This problem-based, interdisciplinary seminar considers particular sites of struggle in cultural, social, and individual contexts. Finally, we ask about the implications of this inquiry for our cultural, social, and individual circumstances.
Cross-listed: IDS-4910(3).
Restrictions: Students may not hold credit for this course and IDS-4910.
Requisite Courses: CRS-1200 and CRS-2210, and CRS-3220 or IDS-1100, and IDS-2110 and IDS-3111 or permission of the instructor [prerequisite(s)].

CRS-4920 (3) Program Planning in Development and Conflict Resolution (3 hrs Lecture) Program planning is a critical first step in most interventions by development and conflict resolution organizations. This course covers blueprint planning required for preparation of funding proposals and various forms of strategic and participatory planning required for the application of results-based management and learning approaches during program implementation. Current debates regarding approaches to planning are also reviewed. Students acquire skills necessary for conceptualizing and implementing international or domestic projects undertaken by non-governmental organizations: needs assessment, goal and purpose identification, formulation of logframe, workplan and budget, and preparation of a funding proposal.
Cross-listed: IDS-4920(3).
Restrictions: Students may not hold credit for this course and IDS-4920.
Requisite Courses: CRS-1200 or IDS-1100 or permission

of the instructor [prerequisite(s)].

CRS-4922 (3) Program Evaluation in Development and Conflict Resolution (3 hrs Lecture) Evaluating programs is a means of systematically assessing interventions designed to promote development and conflict resolution. This course covers formative evaluations required for program decision-making and summation evaluations applicable for analyzing outcomes and impacts to determine relevance, effectiveness, efficiency, sustainability and potential for replication of programs normally implemented by non-governmental organizations. Current debates in approaches to evaluation are also reviewed. Students acquire skills in: selecting relevant quantitative and qualitative indicators, various approaches to obtain measures for the indicatos selected, approaches to analyzing collected data, and effective presentation of evaluation conclusions and recommendations. Cost-benefit analysis is covered in ECON-3316(3).
Cross-listed: IDS-4922(3).
Restrictions: Students may not hold credit for this course and IDS-4922.
Requisite Courses: CRS-1200 or IDS-1100 or permission of the instructor [prerequisite(s)].

COOPERATIVE EDUCATION (COOP)

COOP-2999 (0 or 3) Co-op Work Term I
(Apprenticeship/Internship/Practicum) This course offers a cooperative work placement or other experiential learning opportunity adaptable to a wide variety of contexts and disciplines. Students register for this course when beginning their first work term placement. Performance is evaluated by the employer and the departmental cooperative supervisor, and may include a work-term performance report by the student; grading may be pass/fail or by letter grade. The credit version normally includes an academic assignment. The course may be completed more than once for recognition on the student record. Formal co-op designation requires the completion of three work terms, i.e. 2999, 3999 and 4999.
Restrictions: Department Permission Required.

COOP-3999 (0 or 3) Co-op Work Term II
(Apprenticeship/Internship/Practicum) This course offers a cooperative work placement or other experiential learning opportunity adaptable to a wide variety of contexts and disciplines. Students register for this course when beginning their second or subsequent work term placement. Performance is evaluated by the employer and the departmental cooperative supervisor, and may include a work-term performance report by the student; grading may be pass/fail or by letter grade. The credit version normally includes an academic assignment. The course may be completed more than once for recognition on the student record. Formal co-op designation requires the completion of three work terms, i.e. 2999, 3999 and 4999.
Cross-listed: ACS-3700(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and ACS-3700.
Requisite Courses: COOP-2999 [prerequisite(s)].

COOP-4999 (0 or 3) Co-op Work Term III
(Apprenticeship/Internship/Practicum) This course offers a cooperative work placement or other experiential learning opportunity adaptable to a wide variety of contexts and disciplines. Students register for this course when beginning their third or subsequent work term placement. Performance is evaluated by the employer and the departmnetal cooperative supervisor, and may include a work-term performance report by the student; grading may be pass/fail or by letter grade. The credit version normally includes an academic assignment. The course may be completed more than once for recognition on the student record. Formal co-op designation requires the completion of three work terms, i.e. 2999, 3999 and 4999.
Restrictions: Department Permission Required.
Requisite Courses: In order to take this course you need to complete COOP-3999 [prerequisite(s)].

CRIMINAL JUSTICE

CJ-1002 (3) Introduction to Criminal Justice (3 hrs Lecture) This course surveys the contemporary criminal justice system from the initial contact with the offender through prosecution, disposition, incarceration, and release to the community. Emphasis is on the role of the police, prosecution, courts and corrections, as well as their policies and practices relative to the offender. Legal, empirical, and theoretical materials are covered.
Restrictions: Students may not hold credit for this course and CJ-1101.

CJ-2100 (3) Foundations of Justice (3 hrs Lecture) This course examines the academic foundations of the interdisciplinary study of criminal justice. It explores political, philosophical, legal, social, and methodological foundations of the field. The course provides a base for more advanced third year work.
Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-2101 (3) Criminal Justice Research Methods (3 hrs Lecture | 2 hrs Lab) A study of the principles, data sources and research methods appropriate for criminal justice research. Topics include research design, sampling scaling, questionnaire construction, survey research and qualitative methodology.
Restrictions: Students may not hold credit for this course and CJ-3101.
Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)]; CJ-2101L (lab) (must be taken concurrently).

CJ-2120 (3) Policing in Canada (3 hrs Lecture) Examines the organization and operation of contemporary Canadian policing. The police occupation is assessed, including socialization of recruits. Key areas of focus include the Charter of Rights and Freedoms and police powers, the use of force, corruption, accountability, police administration and the political dimension of police work.
Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-2125 (3) Victimology (3 hrs Lecture) This course focuses on the dynamics of victimization in society and its consequences. Major theoretical perspectives on victimization patterns are examined, addressing issues of gender, race, and class, and social institutions such as the family, school, and the criminal justice system. Students become familiar with socio-demographic profiles of crime victims. Victims' rights, effect of victimization (including revictimization in the media) and victim attitudes towards the justice system are discussed.
Restrictions: Students may not hold credit for this course and CJ-3125 | SOC-3125.
Requisite Courses: CJ-1002, or the former CJ-1101, or SOC-1101 [prerequisite(s)].

CJ-2130 (3) Criminal Law (3 hrs Lecture) Introduces students to the nature, purpose, scope, sources and basic principles of the criminal law. The course covers certain fundamental legal concepts such as *mens rea*, negligence and strict liability, and the analysis of the concept of criminal responsibility in Canada. Students engage in a critical examination of the legislative policies expressed in the Criminal Code, as well as an examination of the legal principles relating to certain specific crimes and to certain major defences. The course also considers the impact of the Canadian Charter of Rights and Freedoms on the criminal law.
Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-2203 (3) Institutional Corrections (3 hrs Lecture) Offers an introduction to the theories of punishment and the rise of incarceration in the Western world during the 19th and 20th century. Specific attention is given to the use of correctional institutions in Canada, and current programs and practices.
Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-2204 (3) Community Corrections (3 hrs Lecture) Focuses on theories of community and the use of community based interventions in the Western world. Specific attention is given to community based correctional programs in Canada and current practices in probation, parole and conditional sentencing.
Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-3107 (3) Criminal Justice and the Media (3 hrs Lecture) Critically examines the depiction of the criminal justice system in the media, including television, film, print and the Internet. Key research findings and theoretical approaches to studying criminal justice in the media are discussed. Implications for policy, public opinion and the operation of the agencies of the criminal justice system are examined.
Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3117 (3) Crime Careers (3 hrs Lecture) Examines a selection of criminal careers, focusing on a variety of dimensions. Criminal careers will be examined with respect to degree, frequency and progression of criminal involvement; seriousness of the offence, public reaction to the offence; legal responses and criminal processing. The types of crimes to be examined include conventional crime (such as theft or vandalism), violent crime, political crime, organized crime, occupational crime and professional crime.
Restrictions: Students may not hold credit for this course and CJ-2102.
Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3121 (3) Race and the Criminal Justice System (3 hrs Lecture) This course examines definitions of "race" and racism, and explores different ways of theorizing their relationship to law, criminal justice, and criminological knowledge. The course uses empirical cases in policing, sentencing, corrections, border control, and policy-making

in order to explore the particular dynamics of race, the law, and criminal justice in Canada. It includes a focus on relationships between ongoing colonialism, immigration policy, the criminal justice system, and the large scale imprisonment of indigenous people and people of colour in Canada. It also considers policy and social movement responses to racism in the criminal justice system.
Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3122 (3) Criminal Intelligence Analysis (3 hrs Lecture) This course examines criminal intelligence analysis in Canadian law enforcement. Skills, techniques, and challenges in the field of intelligence analysis are addressed. Specific topics include intelligence-led policing, tactical and strategic intelligence, and ethical issues. Investigations and case studies are used to facilitate comprehension of course concepts and their practical application.
Requisite Courses: CJ-2120 [prerequisite(s)].

CJ-3130 (3) Criminal Procedure (3 hrs Lecture) Surveys critical legal issues in the Canadian criminal procedure with an emphasis placed on investigation. The course considers the relevant Criminal Code sections, constitutional provisions, common law rules and recent case law as they relate to the powers of search and seizure, electronic surveillance, charging, arrest and detention, interrogation, and an accused's right to counsel and silence. The course analyzes what constitutional, common law and statutory remedies an accused can seek when evidence is obtained improperly or there has been abuse of police or prosecutorial powers. Students are introduced to the fundamentals of other pre-trial phenomena including bail.
Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2130 [prerequisite(s)].

CJ-3201 (3) Comparative Crime and Criminal Justice (3 hrs Lecture) This course examines crime and criminal justice in cross cultural and cross national perspective. Specific attention is given to the history, development and current operation of criminal justice systems within socialist, civil, common and Islamic legal traditions. Specific topics for comparative examination include criminal law, policing, courts, corrections and youth justice. Current issues in transnational crime are examined.
Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3204 (3) Crime Prevention (3 hrs Lecture) Explores the history and development of perspectives on crime and crime prevention and critically examines the theoretical approaches within the field. The course will also focus on contemporary spatial perspectives on crime prevention. A variety of disciplinary perspectives analyze the relationship between crime, fear and space including geography, criminology, city planning and architecture. Specific situational and physical environmental strategies of crime prevention are discussed.
Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3205 (3) Professional Ethics in Criminal Justice (3 hrs Lecture) Focuses on understanding and dealing with ethical issues that arise in the criminal justice system. Different theoretical perspectives will be used to explore the social and organizational process that lead to corruption and abuse of power, systemic discrimination, and illegal behaviour by criminal justice practitioners. The use of case studies will provide a realistic picture not only of what ethical questions arise in the criminal justice system, but also of how sound moral decisions are made in response to them.
Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3223 (3) Green Criminology (3 hrs Lecture) This course examines the history and contemporary nature of 'green' (environmental) criminology harms as well as the diverse strategies developed to protect the environment. It explores the way in which governments, transnational corporations, military apparatuses, and ordinary people going about their everyday activities routinely harm the environment, ecology and animals. Topics include the social construction of environmental problems, pollution, illegal disposal of waste, animal rights, the prosecution of specific environmental offences, the regulation of environmental activities, environmental risk, and transnational offences. Students may also be interested in CJ/SOC-3233, which covers different material.
Cross-listed: SOC-3223(3).
Restrictions: Students may not hold credit for this course and SOC-3223.
Requisite Courses: CJ-1002 or the former CJ-1101, or SOC-1101 or permission of the instructor [prerequisite(s)].

CJ-3233 (3) Green Justice (3 hrs Lecture) This course examines inequalities across race, gender, class and locality in relation to environmental problems such as toxic waste disposal, air pollution, climate change, deforestation, and environmental disasters. It also examines the response to these inequalities in the form of local and global movements, protests, and politics. Topics include: the history of green justice; how green justices are created; differential exposure to environmental risks; the impact of green inequalities and the various responses to green injustices. Students may also be interested in CJ/SOC-3223, which covers different material.
Cross-listed: SOC-3233(3).
Restrictions: Students may not hold credit for this course and SOC-3233.
Requisite Courses: CJ-1002 or the former CJ-1101, or SOC-1101 or permission of the instructor [prerequisite(s)].

CJ-3400 (3) Selected Topics in Criminal Justice (3 hrs Lecture) Examines specific topics in Criminal Justice at the third year level. Students should consult the department regarding potential offerings in a given year.
Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3470 (3) Forensic Psychology (3 hrs Lecture) This course examines ways that psychological principles can inform understand of and practices in the criminal justice system (i.e., law enforcement, courts, corrections). Topics

to be covered include: detection of deception, eyewitness testimony, legal decision-making, juries, mental illness in court, risk assessment, psychopathology, and corrections. Research on psychological factors in the criminal justice system and field practices are emphasized.
Cross-listed: PSYC-3470(3).
Restrictions: Students may not hold credit for this course and PSYC-3470.
Requisite Courses: CJ-1002 or the former CJ-1101 and CJ-2101, or PSYC-1000, PSYC-2101 and PSYC-2102, or SOC-2125 and SOC-2125 [prerequisite(s)].

CJ-3500 (3) Interpersonal Violence (3 hrs Lecture) Utilizes an interdisciplinary approach to examining interpersonal violence as a critical and complex social issue. Specific types of interpersonal violence covered include child abuse and neglect, child sexual violence, spousal abuse, elder abuse, date rape and other forms of intimate sexual and physical violence. The course includes a comprehensive examination of theoretical perspectives regarding the nature and origins of interpersonal violence as well as a critical examination of the effectiveness of the mental health, child welfare, and criminal justice systems approach to interpersonal violence prevention, intervention, and policy.
Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3800 (6) Criminal Justice Field Placement (3 hrs Apprenticeship/Internship/Practicum) Places students in a criminal justice or human services agency. Students provide service to the community while gaining the benefit of practitioner experience. The course instructor will assist students in applying lessons learned in the class room to their respective placements through structured class discussion, reflective journals and a library paper assignment.
Restrictions: Department Permission Required.
Requisite Courses: CJ-2100 and CJ-2130 and permission of the Department Chair [prerequisite(s)].

CJ-4105 (3) Seminar in Youth and the Criminal Justice System (3 hrs Seminar/Discussion) Provides a critical examination of systemic problems and policy issues in youth justice. The course evaluates the effectiveness of current criminal justice legal reforms, interventions, treatment programs, and policies aimed at youth. Specific topics include public discourse on youth crime and justice, the social construction of adolescents involved with the youth justice system, the interface of corollary systems of child welfare and mental health, the administration of youth justice systems and a comparative analysis of the policy choices made in developing frameworks for responding to youth justice.
Restrictions: Honours Form Required.
Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-4116 (3) Program and Policy Evaluation (3 hrs Lecture | 2 hrs Lab) Examines methodologies for the formal assessment of social programs using quantitative and qualitative methods of inquiry including survey, interview, observation and case study techniques. The political and social processes framing evaluation research are also discussed. The course requires a student project to apply lessons learned.
Restrictions: Honours Form Required.
Requisite Courses: CJ-2101 or permission of the instructor [prerequisite(s)]; CJ-4116L (lab) (must be taken concurrently).

CJ-4122 (3) Capstone Seminar in Criminal Justice (3 hrs Seminar/Discussion) The course traces the intellectual history of the discipline and evaluates key issues and debates in its theoretical and philosophical development broader questions about the nature and scope of justice and criminal justice are also explored. The course orients students to the major areas of advanced criminal justice inquiry including criminal justice theory; law and the courts process; policing; and punishment and corrections.
Restrictions: Honours Form Required.
Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-4123 (3) Honours Thesis in Criminal Justice (Project / Thesis with variable meeting hours) The Honours thesis provides students the opportunity to complete an extensive research paper or conduct a research project on a subject of interest relevant to the discipline. In addition to completing the project, students in this course are expected to meet with a faculty supervisor on a regular schedule throughout the academic year. Presentation of their research results verbally and in thesis form to the Criminal Justice Department are integral to the course. Permission of the Department Chair is required.
Restrictions: Honours Form Required.
Requisite Courses: CJ-4122 [prerequisite(s)].

CJ-4130 (3) Advanced Criminal Law (3 hrs Lecture) Examines Canadian criminal law in depth with a particular emphasis on the constitutional issues affecting the disposition of the criminal trial. In addition, complex substantive areas are also surveyed. The course focuses on conceptually advanced criminal law areas including inchoate offences, advanced issues in defences, sexual offences, public order offences, offences against the state and against the administration of justice, and offences pertaining to group responsibility. Students are introduced to the fundamentals of legal research and reasoning through course assignments.
Restrictions: Honours Form Required.
Requisite Courses: CJ-2130 and CJ-3130 or permission of the instructor [prerequisite(s)].

CJ-4300 (3) Critical Criminal Justice Theory (3 hrs Lecture) Examines some of the major critical theoretical perspectives of the social sciences. The course is intended to offer an advanced discussion of Marxist, Foucaultian, and newly emerging critical realist perspectives as they are used to make sense of criminal justice.
Restrictions: Honours Form Required.
Requisite Courses: CJ-2100 [prerequisite(s)].

CJ-4400 (3) Selected Topics in Criminal Justice (3 hrs Lecture) Explores specific topics in Criminal Justice at an

advanced level. Students should consult the department regarding potential offerings in a given year.
Restrictions: Honours Form Required.

CJ-4800 (6) Research Field Practicum (3 hrs Apprenticeship/Internship/Practicum) This applied course will give students the opportunity for service based learning. Students will spend eight hours per week at a previously arranged field site and engage in service.
Restrictions: Honours Form Required. Students may not hold credit for this course and SOC-4800.
Requisite Courses: CJ-2101 [prerequisite(s)].

DANCE PROGRAM

DANC-1901 (3) Survey of Dance I (3 hrs Lecture) This course introduces students to composition, paedagogy, and performance through the use of lectures, demonstrations, and practical application. Composition: fundamental concepts of choreography; improvisation as a basis for choreographic development. Paedagogy: introduction to kinesiological principles and technical and artistic analysis. Performance: analysis of the rehearsal and performance experience. The classes for this course are scheduled over two terms.
Requisite Courses: DANC-2901 (must be taken concurrently).

DANC-1902 (3) Survey of Dance II (3 hrs Lecture) This is a continuation of DANC-1901(3).
Requisite Courses: DANC-1901 or permission of the Program Co-Director [prerequisite(s)]; DANC-2902 (must be taken concurrently).

DANC-1904 (6) Spring Dance Intensive I (3 hrs Lecture) This is a practical and intensive studio course in dance. It includes technique, performance, and special topics relevant to the technical and artistic development of the modern dancer. Admission to the course is by audition.

DANC-2901 (6) Dance Technique I (3 hrs Lecture) This course is comprised of daily studio classes in the techniques of modern dance and ballet. The course focuses on the refinement of technique and artistic development.
Requisite Courses: DANC-1901 (must be taken concurrently).

DANC-2902 (6) Dance Technique II (3 hrs Lecture) This is a further development of DANC-2901(6) Dance Technique I.
Requisite Courses: DANC-2901 or permission of the Program Co-Director [prerequisite(s)]; DANC-1902 (must be taken concurrently).

DANC-2904 (6) Spring Dance Intensive II (3 hrs Lecture) This is a further development of DANC-1904(6) Spring Dance Intensive I. It is a practical and intensive studio course in dance and includes technique, performance, and special topics relevant to the technical and artistic development of the modern dancer.
Requisite Courses: DANC-2901 or equivalent or permission of the Program Co-Director [prerequisite(s)].

DANC-3901 (6) Dance Technique III (3 hrs Lecture) This is a further development of DANC-2902(6) Dance Technique II.
Requisite Courses: DANC-2902 or permission of the Program Co-Director [prerequisite(s)]; DANC-3902 and DANC-3903 (must be taken concurrently).

DANC-3902 (6) Performance I (3 hrs Lecture) This course is a performance project focusing on works by faculty members and/or guest choreographers. It includes rehearsals and performances.
Requisite Courses: DANC-3901 and DANC-3903 (must be taken concurrently).

DANC-3903 (6) Performance II (3 hrs Lecture) This is a second performance project course focusing on works by faculty members and/or guest choreographers.
Requisite Courses: DANC-3901 and DANC-3902 (must be taken concurrently).

DANC-3904 (6) Spring Dance Intensive III (3 hrs Lecture) This is a further development of DANC-2904(6) Spring Dance Intensive II. It is a practical and intensive studio course in dance and includes technique performance and special topics relevant to the technical and artistic development of the modern dancer.
Requisite Courses: DANC-2902 or equivalent or permission of the Program Co-Director [prerequisite(s)].

DANC-3910 (6) Dance Composition I (3 hrs Lecture) This course explores methods of choreography and includes choreographic assignments culminating in public performances. It is normally taken in the third year.
Restrictions: Department Permission Required.

DANC-3911 (6) Dance Paedagogy I (3 hrs Lecture) This course explores methods of teaching in creative dance, ballet and modern at the elementary level and offers studio experience in teaching and/or assistant teaching. It is normally taken during the second or third year.
Restrictions: Department Permission Required.

DANC-3912 (6) Special Studies in Dance I (3 hrs Lecture)

DANC-4901 (6) Dance Technique IV (3 hrs Lecture) This course is a further development of DANC-3901(6) Dance Technique III.
Restrictions: Honours Form Required.
Requisite Courses: DANC-3901 or permission of the Program Co-Director [prerequisite(s)]; DANC-4902 and DANC-4903 (must be taken concurrently).

DANC-4902 (6) Performance III (3 hrs Lecture) This course represents a progression from the 3000-level performance courses with emphasis on the student's individual development. It involves a practicum with a professional choreographer.
Restrictions: Honours Form Required.
Requisite Courses: DANC-3901, DANC-3902, and DANC-3903 or permission of the Program Co-Director [prerequisite(s)]; DANC-4901 and DANC-4903 (must be taken concurrently).

DANC-4903 (6) Performance IV (3 hrs Lecture) This course represents a further progression from the 3000-level courses with emphasis on the student's individual development. It involves a practicum with a professional choreographer.
Restrictions: Honours Form Required.
Requisite Courses: DANC-3901, DANC-3902, and DANC-3903 or permission of the Program Co-Director [prerequisite(s)]; DANC-4901 and DANC-4902 (must be

taken concurrently).

DANC-4904 (6) Spring Dance Intensive IV (3 hrs Lecture) This is a further development of DANC-3904(6) Spring Dance Intensive III. It is a practical and intensive studio course in dance and includes technique, performance, and special topics relevant to the technical and artistic development of the modern dancer.
Restrictions: Honours Form Required.
Requisite Courses: DANC-3901 or equivalent or permission of the Program Co-Director [prerequisite(s)].

DANC-4910 (6) Dance Composition II (3 hrs Lecture) This course represents a further development of DANC-3910(6) Dance Composition I.
Restrictions: Honours Form Required.
Requisite Courses: DANC-3910 and permission of the Program Co-Director [prerequisite(s)].

DANC-4911 (6) Dance Paedagogy II (3 hrs Lecture) This course places emphasis on the teaching of ballet and modern at the intermediate level and offers studio experience in teaching and/or assistant teaching.
Restrictions: Honours Form Required.
Requisite Courses: DANC-3911 and permission of the Program Co-Director [prerequisite(s)].

DANC-4912 (6) Special Studies in Dance II (3 hrs Lecture)

DEVELOPMENTAL STUDIES

DEV-2004 (3) Observation and Evaluation Techniques in Child-Care Settings (3 hrs Lecture) This course provides a theoretical and practical examination of the principles of systematic observation and evaluation in child-care settings. The focus is on studying and implementing different observational strategies ranging from anecdotal reports to event sampling methods. Practical activities and projects will provide opportunities to acquire new techniques for observing, recording, and analyzing children's behaviours, and to make valid inferences. Based on observations in selected child care settings, students will complete assignments designed to help them build skills as reflective practitioners, program evaluators, facilitators of children's learning, and providers of a healthy and safe environment.
Requisite Courses: PSYC-2200 or permission of the Director of Developmental Studies [prerequisite(s)].

DEV-3001 (3) Applied Child Development (3 hrs Lecture) This course focuses on the application of theory and research in child development. The course covers primarily theories and research relating to developmental periods before adolescence and discusses implications of these for the practitioner, parent, and professional working with both normally developing and special needs children.
Requisite Courses: PSYC-2200 or permission of the Director of Developmental Studies [prerequisite(s)].

DEV-3100 (3) The Child, Family, and Social Policy (3 hrs Lecture) This course is designed to sensitize students to the social policy and legal dimensions of child development. It addresses the current political climate surrounding the adequacy of child care, as well as selected issues concerning the law and the rights of children. Possible topics include current social policy and provision of child-care services; law, divorce, and the rights of children with diverse needs; and issues related to adoption and foster parenting. Knowledge of effective advocacy and children's rights enables students to participate in the policy process and explore issues in the current child-care policy agenda.
Requisite Courses: PSYC-2200 or permission of the Director of Developmental Studies [prerequisite(s)].

DEV-3300 (3) Speech and Language Disorders in Children (3 hrs Lecture) This course is designed to introduce students to the field of communication disorders in children. It provides an overview of professional issues. Possible topics include the identification of different types of communication disorders, procedures in the evaluation and treatment of these disorders, and child-care program planning techniques.
Cross-listed: LING-3105(3).
Restrictions: Students may not hold credit for this course and LING-3105.
Requisite Courses: PSYC-2200 or permission of the Director of Developmental Studies [prerequisite(s)].

DEV-3400 (3) Parents, Families, and Professionals in Child Care (3 hrs Lecture) This course considers theory and practice in establishing and maintaining productive relationships with parents, families, and professionals in the child care setting. Topics include methods of effective communication; responsibilities to parents, families, and professionals; and the relationship between child-care settings and community resources.

DEV-3500 (3) Independent Study (3 hrs Directed Reading) Readings in a particular topic in child care will be arranged between an individual student and an instructor. Where appropriate, a practicum may also be included as part of this course.
Note: Written permission of the Instructor and the Director of Developmental Studies are required to take this course.
Restrictions: Department Permission Required.

DEV-3600 (3) Special Topics in Developmental Studies (3 hrs Lecture) The course examines relevant issues and developments in Developmental Studies. Course content varies from year to year. The topic of each course is available to students prior to registration. Students are allowed to repeat the course if topics vary.
Note: Written permission of the Instructor and the Director of Developmental Studies are required to take this course.

DEV-3610 (3) Topics in Leadership in Early Childhood Care and Education (ECCE) (3 hrs Lecture) The course provides an opportunity for currently enrolled interning students to understand and to integrate core concepts such as mentoring, team building, strategic planning, advocacy, communication, and inclusion of children with diverse needs, as they explore management and leadership issues in childcare systems. Students acquire information and skills through in-class discussions and presentations, reporting on experiences gained through their concurrent internship placement, and individual research and reading.
Note: Written permission of the Director of Developmental Studies is required to take this course. Students are expected to take this course in the final term of their Developmental Studies program.
Restrictions: Students may not hold credit for this course and DEV-3310 | DEV-3410.
Requisite Courses: DEV-3630 (must be taken previously or at the same time as this course).

DEV-3630 (3) Advanced Internship (Apprenticeship/Internship/Practicum | 1 hrs Seminar/Discussion) The course provides advanced field experience in the administration of childcare centres and leadership in the early childhood community. Students learn skills within such topics as childcare licensing requirements, programs and policy planning, personnel management, budgeting, the inclusion of children with special needs, and developing and implementing individualized programs. Students develop a major project in their selected area of specialization that provides a focused learning experience in their placement.
Note: Written permission of the Director of Developmental Studies is required to take this course. Students are expected to take this course in the final term of their Developmental Studies program.

Restrictions: Students may not hold credit for this course and DEV-3330 | DEV-3430.
Requisite Courses: DEV-3610 (must be taken previously or at the same time as this course).

DISABILITY STUDIES

DIS-1003 (3) Introduction to Disability Studies I (3 hrs Lecture) This course addresses definitions of and approaches to disability, and the differences as a result of history and cultures. In addition, the course examines the ways in which disability is constructed in societies - including the media, workplaces service provision, families, and environmental barriers. This course is designed to be of particular interest to people with disabilities, people with interest in providing disability services, educators, caregivers, therapists, and all people with an interest in disability issues.
Restrictions: Students may not hold credit for this course and SOC-1003.

DIS-1004 (3) Introduction to Disability Studies II (3 hrs Lecture) This course examines social change in terms of disability rights movements. It looks at innovative, contemporary as well as historic approaches of social change in the community and within wide-ranging institutions within the disability rights movement in a Canadian context. A specific focus is on daily and institutional sites where disability is visible including particular federal and provincial policies, social service provision and programming, and regulated local and community-based responses. Regional variations of social change within a Canadian context are fully explored. This online course is of particular interest to people with disabilities, people with interest in providing disability services, educators, caregivers, therapists, and all people with an interest in disability issues.
Restrictions: Students may not hold credit for this course and SOC-1004.

DIS-2100 (3) Theorizing Disability (3 hrs Lecture) Prior to the 1970s, the concept of disability was centred on individual impairments and people with disabilities were "othered" because of their difference from ableist norms. Over the last three decades, disability activists and theorists have sought to shift the focus from a medical model to a social model. Within the social model, external obstacles are regarded as disabling, rather than non-conformist bodies. This move has had a powerful impact on a disability theorization and political action. The social model of disability has much in common with critical analyses that deconstruct and denaturalize race and gender. In this course, we will consider the implications of the social model of theorizing disability, examine the critiques, and explore the alternatives.
Restrictions: Students may not hold credit for this course and SOC-2100.
Requisite Courses: SOC-1101 or DIS-1003 or DIS-1004 [prerequisite(s)].

DIS-2200 (3) Disabilities, Sexualities, and Rights (1 hrs Lecture | 2 hrs Seminar/Discussion) Links between living and disabilities and risk of disadvantage or discrimination are clear, yet focus on equality, employment access, services, and physical health needs may render invisible or subjugate issues of sexual health, identity, and expression of people with disabilities. Taught from critical disability, feminist, and queer perspectives, this course embraces social models and explores human rights implications of challenging bio-medical views of sexualities and disabilities, focusing on how people with disabilities themselves embrace their sexualities and/or are prevented from doing so. Recognising and balancing complex and sometimes apparently competing self-identities and needs is integral from a human rights perspective.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and WGS-2264.

DIS-3001 (3) Disability Studies Seminar I (3 hrs Seminar/Discussion) This upper-level seminar course, which builds on DIS-2100(3) Theorizing Disability, allows students to deepen their study of disability-related topics, social models of disability, and the works of key disability studies theorists. The focus of the course may vary from year to year, but a common theme is the consideration of the socio-political meanings of non-conformist bodies. Key questions include: "What is disability?" and "Do intersections of difference (e.g., gender, race, sexuality, class) matter?" With the aim of debating new ideas, students are expected to explore relevant scholarship on their own and with the class.
Requisite Courses: DIS-2100 or permission of the Program Coordinator [prerequisite(s)].

DIS-3002 (3) Disability Studies Research Placement (3 hrs Apprenticeship/Internship/Practicum with variable meeting hours) This field placement is designed to provide Disability Studies students with the opportunity to apply their research skills to a position in a disability organization. Students learn new research methodologies, work in teams and on their own, and make contacts outside academe. Placements are negotiated between students, instructors, and hosting agencies. Students are matched with agencies based on their research skills, interests, academic background, and the needs of the host. A good knowledge of research methods is required.
Requisite Courses: SOC-2125 or SOC-2126 or PSYC-2102 or any introductory social science qualitative or quantitative research methods course [prerequisite(s)].

DIS-3003 (3) Disability Studies Directed Readings (3 hrs Seminar/Discussion) This course provides a student at the third year level with the opportunity, in close consultation with a professor, to pursue in depth a selected area of Disability Studies.
Requisite Courses: DIS-2100 or permission of the Program Coordinator [prerequisite(s)].

DIS-3006 (3) Embodied Subjects (3 hrs Seminar/Discussion) This course uses an intersectional approach to embodiment that attends to how constructions of class, debility, disability, frailty, gender, race, sexuality, and other social differences come to figure in experiences and understandings of the body. We think about bodies as sites not only of social inscription but also of agency and

possibility and highlight feminist and crip activism. What is embodiment? What is a subject? How are subjects embodied? What are the implications of embodied subjectivity? Why are some humans perceived as more embodied than others and how do the above constructions affect those perceptions?
Cross-listed: WGS-3006(3).
Restrictions: Students may not hold credit for this course and WGS-3006.
Requisite Courses: WGS-1232 OR DIS-2100 OR permission of the WGS Chair OR DS Coordinator OR instructor [prerequisite(s)].

EAST ASIAN LANGUAGES & CULTURE

EALC-1004 (3) East Asian Cultural Foundations (3 hrs Lecture) This course introduces students to the cultural traditions and belief systems of East Asia (primarily China, Japan, and Korea). Traditions examined include Confucianism, Daoism (Taoism), and Buddhism. Special attention is given to the examination of ideas stemming from primary source documents (in translation) within their historical and cultural contexts. Emphasis is given to the central role played by developments in China for the formation of East Asian cultural values.

EALC-1100 (6) Introduction to Japanese Language (3 hrs Lecture | 1 hrs Lab) This course introduces students to the modern Japanese language. The aim of this course is to provide a solid base in vocabulary, grammar, and pronunciation through speaking, listening, writing, and reading exercises. Students are introduced to Japanese syllabary (hiragana and katakana) and basic Japanese characters (kanji). In addition to providing the basis for further research for EALC students interested in Japanese studies, the course is of interest to a variety of students from various disciplines interested in acquiring basic Japanese language skills.
Note: Native spekaers of Japanese or students who have standing in Japanese 40S or equivalent are not eligible to take this course.
Restrictions: Students may not hold credit for this course and REL-2020.
Requisite Courses: EALC-1100L (lab) (must be taken concurrently).

EALC-1200 (6) Introduction to Chinese Language (3 hrs Lecture | 1 hrs Lab) This course introduces students to the modern standard Chinese language (Mandarin). The aim of the course is to provide a solid base in vocabulary, grammar, and pronunciation through speaking, listening, writing, and reading exercises. In addition to providing the basis for further research for EALC students interested in Chinese studies, the course is of interest to a variety of students from various disciplines interested in acquiring basic Chinese language skills.
Note: This course is not intended for Chinese native speakers, icnluding speakers of dialects other than Mandarin.
Restrictions: Students may not hold credit for this course and REL-2030.
Requisite Courses: EALC-1200L (lab) (must be taken concurrently).

EALC-1300 (6) Introduction to Korean Language (3 hrs Lecture | 1 hrs Lab) This course introduces students to the modern Korean language. The aim of this course is to provide a solid base in vocabulary, grammar, and pronunciation through speaking, listening, writing and reading exercises. Students are introduced to the Korean characters known as Hangul. In addition to providing the basis for further research in East Asian Languages and Cultures, the course is of interest to a variety of students from various disciplines interested in acquiring basic Korean language skills.
Note: Native speakers of Korean or students how have standing in Korean 40S are not eligible to take this course.
Restrictions: Students may not hold credit for this course and REL-2040.
Requisite Courses: EALC-1300L (lab) (must be taken concurrently).

EALC-2031 (6) Chinese-English Translation (3 hrs Lecture) This course seeks to improve students' language skills and deepen their ability to communicate meanings in written texts between the two languages and two cultures. Students translate original scripts drawn from various genres of literature, including scientific materials and documents. Basic approaches include guided class discussion, a minimum of lecture time and a maximum of translation practice time. This course is an introduction to the principles and techniques of translation, but requires proficiency in the Chinese and English languages.
Requisite Courses: At least 3 credit hours at the 1000 level in Rhetoric, Writing and Communication [prerequisite(s)].

EALC-2100 (6) Intermediate Japanese Language (3 hrs Lecture | 1 hrs Lab) In this course, students extend their knowledge of Japanese grammar and vocabulary in communicative and academic contexts through assignments, group work, and exercises in speaking, listening, writing, and reading. Students are expected to be able to read and write hiragana, katakana, and some kanji, and to have mastered pronunciation and basic Japanese grammar. In addition to providing the basis for further research for students in EALC who are interested in Japanese studies, this course is of interest to elementary students of Japanese who wish to improve their language skills.
Note: Native speakers of Japanese are not eligible to take this course.
Requisite Courses: EALC-1100 [prerequisite(s)]; EALC-2100L (lab) (must be taken concurrently).

EALC-2200 (6) Intermediate Chinese Language (3 hrs Lecture | 1 hrs Lab) This course is a continuation of Introduction to Chinese Language (Mandarin), and is a study of Chinese in its spoken and written forms with more vocabulary, more advanced grammatical structures and written characters. Equal emphasis is given to speaking, listening, reading, and writing. Chinese dictionary usage is also addressed. In addition to providing the basis for further research for EALC students interested in Chinese studies, this course is of interest to a variety of students who wish to improve their Chinese language skills.
Note: Speakers of dialects other than Mandarin must receive permission from the instructor to take this course.
Requisite Courses: EALC-1200 or permission of the instructor [prerequisite(s)]; EALC-2200L (lab) (must be taken concurrently).

EALC-2300 (6) Intermediate Korean Language (3 hrs Lecture | 1 hrs Lab) Intermediate Korean is designed for students who have already completed Introduction to Korean or the equivalent. Building on their knowledge of Korean, students learn more advanced vocabulary,

grammar, and idiomatic expressions that are used in traditional and modern Korean. Students also learn about Korean culture through the textbook and occasional audio and visual materials. In class, students are encouraged to speak as much Korean as possible to improve their oral communication skills. Overall, the course aims to develop intermediate-level proficiency in reading, writing, speaking, and listening skills.
Requisite Courses: EALC-1300 or equivalent [prerequisite(s)]; EALC-2300L (lab) (must be taken concurrently).

EALC-2320 (6) Korean Civilization: Traditional and Modern (3 hrs Lecture) This course provides introductory knowledge of traditional and contemporary culture through an examination of traditional values, arts, religions, as well as contemporary Korean popular culture. The course is taught at Chonnam National University in Gwangju, South Korea through lectures, multimedia presentations, and field trips. It also fulfills the Study Abroad requirement for the four-year majors in the EALC Program.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Instructor Permission Required.

EALC-2707 (3) Chinese Religions (3 hrs Lecture) This course is a study of the basic beliefs and practices of the Chinese as informed by the three major Chinese traditions: Confucian, Taoist (Daoist), and Buddhist. The course will examine the development of each of these traditions, as well as their blending into a comprehensive set of beliefs and practices that shaped the common understanding and practice of Chinese religion. The effect of Communism on Chinese religious life and the resurgence of religion in contemporary China will also be examined.
Cross-listed: REL-2707(3).
Restrictions: Students may not hold credit for this course and REL-2707.

EALC-2708 (3) Religion in Japanese Life (3 hrs Lecture) This course examines the religious life of the Japanese people, as informed by traditions deriving from the native Shinto religion of Japan, the adapted traditions of Buddhism and Confucianism, and the impact of Westernization and modernization on traditional beliefs and practices.
Cross-listed: REL-2708(3).
Restrictions: Students may not hold credit for this course and REL-2708.

EALC-2709 (3) Women in Asian Religions and Cultures (3 hrs Lecture) The course examines the experience of women in several Asian cultures (e.g., India, China, Japan), in different religious traditions (e.g., Hinduism, Buddhism, Confucianism, Daoism). The course is intended as a comprehensive introduction to women's experience in both pre-modern and modern contexts, with attention to how women are perceived and perceive themselves in religious and cultural roles.
Cross-listed: REL-2709(3).
Restrictions: Students may not hold credit for this course and REL-2709.

EALC-2718 (3) Buddhist Traditions in East Asia (3 hrs Lecture) This course traces the historical development of Mahayana (Great Vehicle) Buddhism in East Asia, focusing on the founding of East Asian Buddhist traditions in China, and their transmission to Korea and Japan. The course introduces the major beliefs and practices associated with East Asian Buddhism, the schools, figures, and texts that form the traditions that have flourished in East Asian countries. In addition to Chinese Buddhist developments, the course examines the adaptation of Chinese Buddhist traditions in Korea and Japan.
Cross-listed: REL-2718(3).
Restrictions: Students may not hold credit for this course and REL-2718.

EALC-2720 (6) Japanese Civilization (3 hrs Lecture) This course familiarizes students with major components of Japanese civilization such as religion, the arts, and politics with a specific focus on their importance in shaping Japanese history and culture. It is taught in Japan as an intensive summer course. Students reside and attend classes on the campus of Doshisha University in the city of Kyoto. The course features field trips and guest lectures.

EALC-2721 (3) Traditional Japanese Culture (3 hrs Lecture) This course surveys traditional Japanese culture through an exploration of visual and dramatic arts, literature, philosophy, and religion. Special emphasis is placed on cross-cultural roots that bridged Japan with its neighboring countries in East Asia. The historical foundations of popular Japanese contemporary culture - Manga, Anime, and high technology to name a few - are also discussed.
Cross-listed: REL-2721(3)& ANTH-2121(3).
Restrictions: Students may not hold credit for this course and ANTH-2121 | REL-2721.

EALC-2723 (3) Japanese Cinema (3 hrs Lecture) This course surveys Japanese cinema from the 1960s to the present day. To understand the context of the films, relevant literature (short stories, novels, and traditional Japanese theater on which the films are based) is discussed. In the process, the focus is on transitions from modern to postmodernism, alterity, and subjectivity in film. Directors examined include, among others, Ozu, Mishima, Kurosawa, Teshigahara, Miyazaki, and Kitano.

EALC-2725 (3) Food in Japanese Culture (3 hrs Lecture) This course explores the culture and history of Japanese cuisine. Designated in 2013 by UNESCO as part of the world's "Intangible Cultural Heritage." Japanese food is no longer restricted to Japan itself, but is now an integral component of global culinary culture. In the class, students follow the evolution of Japanese food from its origins in prehistoric hunting-gathering and rice cultivation to its globalization in fusion cuisine of the twenty-first century. The course ultimately aims to demonstrate how Japanese food today is not necessarily Japanese in origin, but the product of intra and later intercontinental cultural, political, and religious networks.
Cross-listed: REL-2725(3).

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and REL-2725.

EALC-2731 (3) Chinese Culture and Beliefs (3 hrs Lecture) This course focuses on Chinese traditions and values that have influenced modern Chinese society. This course is introductory and requires no prior knowledge of Chinese language and history. All the texts in this course are in English. Students discover ways in which cultural representations in social life, customs, business practice, literature, and art have affected and are being affected by beliefs. Through lecture and guided discussion students better understand how traditions and beliefs continue to inform about Chinese culture today.
Cross-listed: REL-2731(3).

EALC-2734 (3) The Making of Modern East Asian Culture (3 hrs Lecture) This course introduces students to East Asian culture in modern times. It surveys the transformation of traditional cultural values as a result of intense political and cultural influence from the West since the late 19th century, and explores the roots of contemporary culture in China, Japan, and Korea. Particular attention is given to the impact of literature (primarily short stories and novels by early 20th-century intellectuals) and Western thought on the East Asian region (e.g., social Darwinism, liberalism, science, and democracy, introduced to East Asia during the late 19th century), and on the way in which traditional values are being critically re-evaluated as China, Japan, and Korea have endeavored to modernize their societies.
Cross-listed: REL-2734(3).
Restrictions: Students may not hold credit for this course and REL-2734.

EALC-2735 (3) Buddhism Through Art (3 hrs Lecture) When Buddhism entered China just after the turn of the Common Era it was referred to in Chinese as, "the teaching of images." It was the tradition full of artistic forms: devotional statues, illustrated manuscripts, majestic carved caves, and colossal cliff-side figures. These artistic forms proliferated across East Asia wherever Buddhists practiced their faith. In this course, students learn about the tradition of Buddhism as did many millions of people pre-modern Asia, through visual sources. Using online tools, student trace the history, teachings, and movement of Buddhism from South to East Asia through visual sources.
Cross-listed: REL-2735(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and REL-2735.

EALC-2740 (3) Spirits, Ghosts and Demons: Exploring the Supernatural in Pre-Modern East Asian Literature and its Contemporary Cinematic Adaptations (3 hrs Lecture) This course introduces students to classic works of pre-modern East Asian fiction and drama that contain elements of the supernatural. It screens cinematic and theatrical adaptations of pre-modern ghost stories and offers a comparative perspective on how pre-modern texts and culture are consumed today. We can view supernatural interventions as a measuring stick against which to gauge the propriety of primary characters. Potential topics include: gender, purity and contamination, religion, cultural taboos, and changing views toward supernatural elements in literature in the modern period.
Cross-listed: REL-2740(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and REL-2740.

EALC-2770 (6) Introduction to Chinese Culture: Past and Present (3 hrs Lecture) This course familiarizes students with major Chinese cultural traditions such a Confucianism, Daoism (Taoism), and Buddhism, examining specifically their roles in shaping Chinese culture in areas such as religion and philosophy, language and literature, art and architecture, economics and business. This course may be taught on campus, or as an intensive Summer course taught in China. When taught in China, students will reside and attend classes on the campus of Shanghai Normal University. It will feature field trips and guest lectures by Shanghai Normal University faculty.

EALC-2772 (3) Modern Chinese Literature in Translation (3 hrs Lecture) This course focuses on Chinese literary texts that reflect the stylistic conventions and cultural issues of China between 1911 and the 21st century. This course is introductory and requires no prior knowledge of Chinese language, history, or culture. All texts in this course are in English. Students not only examine the forms and contents of the literary texts from various theoretical points of view, but also explore the social, political, and historical contexts in which these texts are written. Through lecture and guided discussion, students discover the ways in which Modern Chinese Literature continues to inform about Chinese culture today.

EALC-2773 (3) Chinese Cinema (3 hrs Lecture) This course focuses on films produced by Chinese filmmakers between the 1930s and the present in appropriate historical and cultural contexts. The course is introductory and requires no prior knowledge of Chinese language, history, culture, or literature. All the films studied in the course have English subtitles. Students in the course generally view one film per week, preceded by preparatory lecture and followed by guided class discussion.

EALC-2774 (3) Chinese Intellectual History (3 hrs Lecture) This course explores the intellectual history of China, focusing on developments before the Qing Dynasty(1644). Leading intellectual currents of Chinese thought are examined within the historical contexts that produced them. Special attention is given to interactions

and debates within and between the traditions of Confucianism, Daoism (Taoism), and Buddhism.
Cross-listed: REL-2774(3).
Restrictions: Students may not hold credit for this course and REL-2774.

EALC-2780 (3) The Martial Arts of East Asia (3 hrs Lecture) In this course, students challenge the portrayal of East Asian martial arts as an ancient, mystical practice by examining the history of martial arts. Students explore how military techniques once intended for war, policing, and control of banditry came to be practiced as methods of moral and physical self-cultivation. The course examines the historical origins of martial arts in China, Japan, and Korea, their evolution, and how they both subverted and served state agendas in the modern era. Lastly, it covers the role of martial arts in contemporary popular culture.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

EALC-2785 (3) Conceiving Japan and its World (3 hrs Lecture) This course explores Japan's collective identity by surveying the historical, cultural, and religious positioning of Japan in its world. Students examine how maps, both in their literal and figurative kinds, played a role in establishing this collective identity. Such literal maps include those of samurai domains, pilgrimage routes, and radioactive fallout from the Second World War and the 2011 Great Tohoku Earthquake. Figurative ones cover travel diaries of seventeenth century poets and contemporary Japan-centric worldviews from popular literature. Both types underscore historical and cultural shifts from the time of the Shoguns to the digital age of the twenty-first century.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

EALC-3007 (6) Introduction to Classical Chinese (3 hrs Lecture | 1 hrs Lab) This course introduces students to Classical Chinese language grammar, style, and the use of traditional characters, through the reading of excerpts from traditional Chinese literature, the basis from which all forms of the Classical Chinese writing system, in Japan and Korea as well as China, developed. Special attention is given to texts from ancient China's intellectual and religious traditions, Confucianism and Daoism (Taoism). The course assumes no prior knowledge of Chinese.
Note: This course is not available to students with prior training in Classical Chinese.
Cross-listed: REL-3007(6).

EALC-3100 (6) Advanced Japanese Language (3 hrs Lecture | 1 hrs Lab) In this course, students complete their undergraduate studies in the Japanese language through advanced communicative and written exercises. Special emphasis is placed on social science readings, allowing students to read and comprehend a Japanese language newspaper article by the end of the course. Students are also encouraged to participate in the advanced level of the Manitoba Japanese Speech Contest.
Requisite Courses: EALC-2100 or permission of the instructor [prerequisite(s)]; EALC-3100L (lab) (must be taken concurrently).

EALC-3708 (3) Topics in Buddhist Culture and Society (3 hrs Seminar/Discussion) This course explores topics of contemporary interest regarding the study of Buddhism and society, examining major issues facing Buddhism in the Asian context, focusing on aspects of the institutional, social, and political role played by Buddhism. May be taken for credit more than once, with permission of instructor. Topics may include: Buddhism and Tibetan identity in the struggle for Tibetan autonomy in China, the Buddhist monastic institution and its role in society, and debates over the interpretation of Buddhism in modern Asian countries.
Cross-listed: EALC-4708(3) & REL-3708(3)/4708(3).
Restrictions: Students may not hold credit for this course and EALC-4708 | REL-3708 | REL-4708.
Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent) or permission of the instructor [prerequisite(s)].

EALC-3709 (3) Gender and Sexuality in Pre-Modern Chinese Literature (3 hrs Seminar/Discussion) This course examines traditional Chinese society, culture and conceptions of identity through the prisms of gender and sexuality. Topics include normative social roles as defined by Confucian values, power and sexual dynamics within polygamous households, the social body vs. the biological body, and the diversity of atypical bodies in traditional China. The course considers many of the issues that are being debated within contemporary medical, religious, political, and legal circles from a traditional Chinese perspective.
Cross-listed: EALC-4709(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and EALC-4709.
Requisite Courses: EALC/REL-2709 or EALC/REL-2731 or EALC-2773 or EALC-2774 or permission of the instructor [prerequisite(s)].

EALC-3720 (3) Topics in Japanese Culture and Society (3 hrs Seminar/Discussion) This course examines a variety of topics in Japanese Culture and Society. Topics selected change from year to year according to instructor and student interests. Possible topics may include the development of intellectual culture in Tokugawa Japan (1600-1858), the role of women in Japanese culture, Shinto ("the way of the gods") thought and practice, and the search for identity in modern Japan. This course may be taken for credit more than once, with permission of the instructor.
Cross-listed: EALC-4720(3) & REL-3720/4720(3).
Restrictions: Students may not hold credit for this course and REL-3720.
Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent), or permission of the instructor

[prerequisite(s)].

EALC-3721 (3) The Age of the Samurai (3 hrs Seminar/Discussion) "Samurai" often evokes an image of a warrior entranced in the Bushido code, ready to commit harakiri upon command. This course demystifies such an aura surrounding Japan's warrior class by exploring their rise from Heian temple servants to Sengoku warlords and then their fall from Edo Japan's intellectuals and bureaucrats to the realms of the destitute. Sources include samurai autobiographies, their intellectual scholarship, and representations of samurai in contemporary popular culture.
Cross-listed: EALC-4721(3) & REL-3721(3)/4721(3).
Restrictions: Students may not hold credit for this course and EALC-4721 | REL-3721 | REL-4721.
Requisite Courses: REL-2721 or EALC-2721 or permission of the instructor [prerequisite(s)].

EALC-3731 (3) Topics in Chinese Culture and Society (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: EALC-4731(3) and REL-3731(3)/4731(3).
Restrictions: Students may not hold credit for this course and REL-3731.
Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent) or permission of the instructor [prerequisite(s)].

EALC-3732 (3) Topics in Chinese Intellectual and Cultural History (3 hrs Seminar/Discussion) This course explores a variety of topics in Chinese intellectual history. It examines specific cultural, literary, and intellectual trends in China, paying specific attention to how they were shaped by a variety of social, political, economic, and religious factors. Possible topics may include correlative cosmology in Han Confucianism, individualism in medieval China, Tang-Song intellectual transitions, Buddhist-Confucian interactions in the Middle Period of China, Neo-Confucianism and its social impacts in Lat-Imperial China, the rise of Evidential Studies in Qing China, and the May Fourth Movement. This course may be repeated for credit when the topic varies. Additional work is required at the 4000 level.
Cross-listed: EALC-4732(3) & REL-3732(3).
Restrictions: Students may not hold credit for this course and REL-3732.
Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent), or permission of the instructor [prerequisite(s)].

EALC-3970 (3) Topics in Asian Religions and Cultures (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignements and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: EALC-4970(3) and REL-3970(3)/4970(3).
Restrictions: Students may not hold credit for this course and EALC-4970 | REL-3970.
Requisite Courses: 6 credit hours in East Asian Languages and Culture or 6 credit hours in Religion & Culture, 3 of which must be in the Asian Religions and Cultures area of study, or permission of the instructor [prerequisite(s)].

EALC-4708 (3) Topics in Buddhist Culture and Society (3 hrs Seminar/Discussion) This course explores topics of contemporary interest regarding the study of Buddhism and society, examining major issues facing Buddhism in the Asian context, focusing on aspects of the institutional, social, and political role played by Buddhism. May be taken for credit more than once, with permission of instructor. Topics may include: Buddhism and Tibetan identity in the struggle for Tibetan autonomy in China, the Buddhist monastic institution and its role in society, and debates over the interpretation of Buddhism in modern Asian countries.
Cross-listed: EALC-3708(3) and REL-3708(3)/4708(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-3708 | REL-3708 | REL-4708.
Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent) or permission of the instructor [prerequisite(s)].

EALC-4709 (3) Gender and Sexuality in Pre-Modern Chinese Literature (3 hrs Seminar/Discussion) This course examines traditional Chinese society, culture and conceptions of identity through the prisms of gender and sexuality. Topics include normative social roles as defined by Confucian values, power and sexual dynamics within polygamous households, the social body vs. the biological body, and the diversity of atypical bodies in traditional China. The course considers many of the issues that are being debated within contemporary medical, religious, political and legal circles from a traditional Chinese perspective.
Cross-listed: EALC-3709(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-3709.
Requisite Courses: EALC/REL-2709 or EALC/REL-2731 or EALC-2773 or EALC-2774 or permission of the instructor [prerequisite(s)].

EALC-4720 (3) Topics in Japanese Culture and Society (3 hrs Seminar/Discussion) This course examines a variety of topics in Japanese Culture and Society. Topics selected change from year to year according to instructor and student interests. Possible topics may include the development of intellectual culture in Tokugawa Japan (1600-1858), the role of women in Japanese culture, Shinto ("the way of the gods") thought and practice, and the

search for identity in modern Japan. This course may be taken for credit more than once, with permission of the instructor.
Cross-listed: EALC-3720(3) & REL-3720/4720(3).
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent), or permission of the instructor [prerequisite(s)].

EALC-4721 (3) The Age of the Samurai (3 hrs Seminar/Discussion) "Samurai" often evokes an image of a warrior entranced in the Bushido code, ready to commit harakiri upon command. This course demystifies such an aura surrounding Japan's warrior class by exploring their rise from Heian temple servants to Sengoku warlords and then their fall from Edo Japan's intellectuals and bureaucrats to the realms of the destitute. Sources include samurai autobiographies, their intellectual scholarship, and representations of samurai in contemporary popular culture.
Cross-listed: EALC-3721(3) and REL-3721(3)/4721(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-3721 | REL-3721 | REL-4721.
Requisite Courses: EALC/REL-2721 and permission of the Department Chair [prerequisite(s)].

EALC-4731 (3) Topics in Chinese Culture and Society (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: EALC-3731(3) and REL-3731(3)/4731(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and REL-4731.
Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent) or permission of the instructor [prerequisite(s)].

EALC-4732 (3) Topics in Chinese Intellectual and Cultural History (3 hrs Seminar/Discussion) This course explores a variety of topics in Chinese intellectual history. It examines specific cultural, literary, and intellectual trends in China, paying specific attention to how they were shaped by a variety of social, political, economic, and religious factors. Possible topics may include correlative cosmology in Han Confucianism, individualism in medieval China, Tang-Song intellectual transitions, Buddhist-Confucian interactions in the Middle Period of China, Neo-Confucianism and its social impacts in Lat-Imperial China, the rise of Evidential Studies in Qing China, and the May Fourth Movement. This course may be repeated for credit when the topic varies. Additional work is required at the 4000 level.
Cross-listed: EALC-3732(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-4732.
Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent), or permission of the instructor [prerequisite(s)].

EALC-4970 (3) Topics in Asian Religions and Cultures (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignements and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: EALC-3970(3) and REL-3970(3)/4970(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and EALC-3970 | REL-3970 | REL-4970.
Requisite Courses: 6 credit hours in East Asian Languages and Culture or 6 credit hours in Religion & Culture, 3 of which must be in the Asian Religions and Cultures area of study, or permission of the instructor [prerequisite(s)].

ECONOMICS

ECON-1102 (3) Introduction to Economics: Micro (3 hrs Lecture | 3 hrs Lab) This is an introductory analysis of contemporary economic institutions and the application of micro-economic theory to current Canadian economic problems. The course will consider economic theories of production, consumption and exchange, price determination and the role of competition.

ECON-1103 (3) Introduction to Economics: Macro (3 hrs Lecture | 3 hrs Lab) This is an introductory analysis of contemporary economic institutions and the application of macro-economic theory to current Canadian economic problems. The course will consider economic theories of the determination of national income, governmental monetary and fiscal policy, the role of money and the banking system, international trade and the determination of foreign exchange rates.
Restrictions: Students may not hold credit for this course and ECON-1104 | ECON-1106.

ECON-1104 (3) Introduction to Economic Theory (3 hrs Lecture) This course provides an introduction to the principles of micro- and macro-economic theory. It is designed for students in the Environmental/Urban Studies programs. It may also be of interest to students majoring in other programs seeking an overview of economic theory.
Note: This course is not intended for Economics majors.
Restrictions: Students may not hold credit for this course and ECON-1103 | ECON-1106.

ECON-1106 (3) Introduction to Economic Development (3 hrs Lecture) This course provides an introduction to economic theory, while simultaneously emphasizing how such theory improves the understanding of issues facing developing countries. Both branches of economics (microeconomics and macroeconomics) are covered. Issues typically discussed include economic inequality, environmental economics, economic growth, financial crisis and international trade.
Note: This course is not intended for Economics majors.
Restrictions: Students may not hold credit for this course and ECON-1103 | ECON-1104.

ECON-1201 (3) Quantitative Methods for Economics and Business (3 hrs Lecture | 1 hrs Lab) This course presents a number of models from economics and finance using elementary quantitative techniques. It is designed to be a methods course that allows students from a variety of backgrounds to work with economic and finance models. The course also provides an overview of the quantitative background required for selected second and third year courses in Economics. It may be taken as a co-requisite for ECON-1102(3) and ECON-1103 (3) for students interested in a mathematical review.
Note: This course is not recommended for students pursuing a BA (Hons) degree in Economics.
Requisite Courses: Pre-calculus Math 40S or Applied Math 40S or permission of the instructor [prerequisite(s)]; ECON-1201L (lab) (must be taken concurrently).

ECON-2101 (3) Intermediate Economics: Micro (3 hrs Lecture) This course provides a more advanced analysis of microeconomic concepts developed in first year. It examines the price system, allocation of resources, and the impact of alternative market structures on consumer and producer behaviour.
Requisite Courses: ECON-1102 with a minimum grade of C, or ECON-1104 or ECON-1106 with a minimum grade of B [prerequisite(s)]; ECON-2101L (lab) (must be taken concurrently).

ECON-2102 (3) Intermediate Economics: Macro (3 hrs Lecture) This course introduces students to a more advanced analysis of macroeconomic concepts developed in first year. It examines subjects such as national income determination, theories of consumption, employment, interest, and money. Business cycles, inflation, and economic growth will be discussed in a Canadian context.
Requisite Courses: ECON-1103 with a minimum grade of C, or ECON-1104 or ECON-1106 with a minimum grade of B [prerequisite(s)]; ECON-2102L (lab) (must be taken concurrently).

ECON-2201 (3) Mathematics for Economics and Finance (3 hrs Lecture | 1 hrs Lab) This course introduces and applies basic mathematical tools used in the analysis of economic and financial problems. It is designed as a technical bridge between intermediate and honours level theory courses. Topics such as derivatives, comparative statistics, economic models, and mathematical concepts used in finance will be presented within the context of economic and financial analysis.
Requisite Courses: MATH-1102 or MATH-1103 or ECON-1201, and a minimum grade of C in ECON-1102 and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)]; ECON-2201L (lab) (must be taken concurrently).

ECON-2203 (3) Game Theory and Strategy (3 hrs Lecture) This is an introductory course in game theory. Game theory is a modern area of study that examines decisions and outcomes in strategic settings. It provides an analytical tool that is used for analyzing conflict and cooperation that arise in various social settings involving interactions between individuals and/or organizations. The focus of the course is on non-cooperative game theory, although some concepts from cooperative game theory may be covered as well. Ideas such as Nash equilibrium, dominance, backward induction, evolutionary stability, commitment, credibility, asymmetric information and uncertainty are discussed and applied to examples drawn from economics, business, politics and elsewhere.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: Precalculus Mathematics 40S or Applied Mathematics 40S or permission of the instructor [prerequisite(s)].

ECON-2301 (3) Financial Markets and Financial Systems (3 hrs Lecture | 3 hrs Lab) This course will focus on the role of money and financial institutions in the

operations of a market economy. It will involve an analysis of the payments system, types of financial instruments, and differences in financial intermediaries.
Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or in ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2302 (3) Money and Banking (3 hrs Lecture | 3 hrs Lab) This course begins with a discussion of the quantity theory of money and the mechanics of monetary control. It is followed by an analysis of the determinants of money demand and the role of monetary policy within the framework of the Canadian financial system.
Restrictions: Students may not hold credit for this course and ECON-2310.
Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or in ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2303 (3) Labour Economics (3 hrs Lecture | 3 hrs Lab) This course examines competing theories of wage and employment determination. The simple neo-classical model, human capital theory, institutional and post-Keynesian approaches are considered with respect to Canada including the organization of the trade union movement, the role of collective bargaining, and the current issues such as technological change and industrial health and safety.
Requisite Courses: A minimum grade of C in ECON-1103 or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2304 (3) Income Distribution and Industrial Relations (3 hrs Lecture | 3 hrs Lab) This course studies theoretical models of income distribution. It also examines the structure of capital-labour relations in Canada including the organization of the trade union movement, the role of collective bargaining, and current issues such as technological change and industrial health and safety.
Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2305 (3) Canadian Economic History (3 hrs Lecture) This course surveys the development of the Canadian economy prior to 1867. Main topics will include early staple exports, agriculture, and industrialization.
Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2306 (3) Canadian Economic Development (3 hrs Lecture) This course examines the growth of the Canadian economy since 1867. The "National Policy" of the 19th Century, the development of the Prairie economy, the Great Depression, and the growing influence of the United States are considered.
Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2311 (3) Economics of Natural Resource Extraction (3 hrs Lecture) The course examines economic models of resource extraction and harvesting through time. Renewable and non-renewable natural resources such as forestry, fisheries, and fossil fuels are considered. An economic perspective of sustainability is introduced.
Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103 or in ECON-1104 or in ECON-1106 [prerequisite(s)].

ECON-2315 (3) Indigenous Economic Development (3 hrs Lecture) This course provides an overview of economic development issues as they relate to Indigenous communities in Canada. The course begins with an overview of economic concepts to enable students to think about the economic issues in Indigenous communities. A historical overview and discussion of development strategies of the Federal government in Canada is provided. Students are then exposed to ways that land, labour and capital can stimulate economic development on and off reserves. Issues of natural resource development and urban reserves are discussed. The course concludes with case studies of economic development in Indigenous communities, highlighting the diversity of these initiatives across Canada.
Requisite Courses: ECON-1102 or ECON-1103 or ECON-1106 or permission of the instructor [prerequisite(s)].

ECON-2317 (3) Environmental Economics (3 hrs Lecture) This course examines the role of economics in decision-making about the environment. Topics covered include the theory of externalities and public goods; market and non-market valuation of environmental amenities; and the regulation of polluting activities using instruments such as pollution taxes, tradable permits (cap and trade), and eco-labels.
Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2318 (3) Energy Economics (3 hrs Lecture) This course introduces the student to the issues and policies pertaining to energy markets from an economic perspective. Environmental, technical, social, and financial issues are considered. A case study for the demand for transportation energy is used as a unifying theme throughout the course.
Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2819 (3) Corporate Finance I (3 hrs Lecture) This course introduces students to the fundamentals of finance and presents theories and tools to be used in addressing corporate finance problems and issues. The course examines the theories and principles of financial management that relate to the practices used by corporations in the procurement, management and disbursement of capital funds. Topics include methods of capital acquisition and valuation of capital and financial assets.
Cross-listed: BUS-2819(3).
Restrictions: Students may not hold credit for this course and BUS-2819.
Requisite Courses: ECON-1102 and ECON-1103 with a minimum grade of C or BUS-2002 with a minimum grade of

C+ [prerequisite(s)]; STAT-1301 or STAT-1501 or the former STAT-1201 (must be taken previously or at the same time as this course).

ECON-2820 (3) Corporate Finance II (3 hrs Lecture) This course builds on the fundamentals introduced in BUS-2819(3)/ECON-2819(3) and discusses theories and tools used for evaluating risks and returns associated with financial assets. There is an intensive study of economic theories and principles of financial management. Topics include Capital Asset Pricing Model (CAPM), market efficiency, and management of working capital.
Cross-listed: BUS-2820(3).
Restrictions: Students may not hold credit for this course and BUS-2820.
Requisite Courses: ECON-2819 or BUS-2819, and STAT-1301 or STAT-1501 [prerequisite(s)].

ECON-3104 (3) Modern Microeconomics for Economics and Business (3 hrs Lecture) This course presents the concepts and theories that form the basis of modern microeconomic analysis. Market imperfections arising due to issues such as uncertainty, informational asymmetry and imperfect competition are analyzed, and their welfare implications are studied. Game theory is introduced as an analytical tool. Applications may include auctions and markets for insurance and used goods.
Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3115 (3) Gender and the Economy (3 hrs Lecture) This course explores the gender dimensions of economic life from both neoclassical and feminist economics perspectives. Topics explored include gendered divisions of labour within the family; gender inequality in the labour market; unpaid domestic.labor and work-family balance; the intersection of ability, class, race and sexuality in social reproduction; gender differences in management; and the gender impact of technological change and globalization. Examples are drawn from both developed and developing countries. Particular attention is paid to policy remedies for gender inequality in the economy.
Requisite Courses: ECON-1102 or ECON-1104 or ECON-1106 or permission of the instructor [prerequisite(s)].

ECON-3120 (3) Microfinance in Theory and Practice (3 hrs Lecture) This course provides an overview of the economics of microfinance, a development strategy that provides credit, savings and insurance for individuals and families that are unable to access funds from formal financial institutions. Drawing on readings from practitioners and academics, it examines the strengths and limitations of microfinance as an approach to poverty reduction. Students are introduced to a number of sub-disciplines of Economics, including development economics, financial economics, feminist economics, and institutional economics.
Requisite Courses: ECON-1102 and ECON-1103, or ECON-1104 with a minimum grade of C or ECON-1106 with a minimum grade of C [prerequisite(s)].

ECON-3201 (3) Econometrics for Economics and Finance (3 hrs Lecture | 1 hrs Lab) This course is an introduction to the specification and estimation of econometric models as applied to empirical questions in economics and finance. It covers statistical inference in economics and finance, hypothesis testing, regression analysis, and multivariate regression models with emphasis on structural estimation using standard computer packages.
Requisite Courses: ECON-2101 and ECON-2102 and STAT-1301 and STAT-1302 or STAT-1501 or STAT-2001 or permission of the instructor [prerequisite(s)]; ECON-3201L (lab) (must be taken concurrently).

ECON-3301 (3) International Trade: Theory and Policy (3 hrs Lecture) This course examines theories of international trade. It deals with approaches to the benefits of trade, the effects of tariffs and quotas, customs unions and imperfect competition on trade. It pays particular attention to Canadian trade policies.
Requisite Courses: ECON-2101 or permission of the instructor [prerequisite(s)].

ECON-3302 (3) International Finance: Theory and Policy (3 hrs Lecture) This course is an introduction to international finance and open-economy macroeconomics. It examines exchange rate policy, the fiscal and monetary effects of trade, investment flows, and the development of the international monetary system.
Requisite Courses: ECON-2101 and ECON-2102 or permission of the instructor [prerequisite(s)].

ECON-3303 (3) Economics of Public Expenditures: Theory and Policy (3 hrs Lecture) This course examines the rationale of the public sector and its development and growth in Canada. It deals with the theoretical and practical aspects of public decision-making. The budgeting process relating to allocation, redistribution, and stabilization will be examined.
Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3304 (3) Economics of Taxation: Theory and Policy (3 hrs Lecture) This course will analyze the theory of taxation and the Canadian tax structure. It also deals with the role of alternative tax policies in attaining various economic and social goals including allocation, redistribution, and stabilization.
Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3305 (3) Economic Development (3 hrs Lecture) This course will examine problems and theories of internal development, as well as policies to accelerate change. It will deal with such topics as poverty, income distribution, human capital, employment, growth, rural-urban migration, population growth, and rural development.
Requisite Courses: ECON-2101 or permission of the instructor [prerequisite(s)].

ECON-3306 (3) International Aspects of Economic Development (3 hrs Lecture) This course will examine problems and theories of international development, as well as policies to accelerate change. It will deal with such topics as international trade and investment, foreign aid, third world debt, the role of the international financial institutions and multinational corporations, and the new

international division of labour.
Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3307 (3) Industrial Organization and Competition Policy (3 hrs Lecture) Industrial Organization is the field in economics that examines models of monopolies and oligopolies with particular emphasis on the strategic issues related to imperfectly competitive markets. In addition, a number of business practices are examined in relation to their contribution to overall welfare in the economy. This course also involves a presentation and analysis of how current industrial organization theory and policy is reflected in Canada's Competition Act.
Restrictions: Students may not hold credit for this course and ECON-3309.
Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3308 (3) Regulation and Public Enterprises (3 hrs Lecture) This course examines the theory and policy related to the regulation of markets. It examines how regulations might be set to improve the allocation and distribution of resources in the economy. In the course, the effectiveness of a number of regulations is examined. The course also examines the role and operation of public enterprises in the economy as an alternative to regulation. In addition, a brief introduction to the economics of Private Public Partnerships is presented.
Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3310 (3) Economics of Health Care in Canada (3 hrs Lecture) This course will apply economic analysis to current issues in the delivery system for health care services in Canada. It will deal with such topics as the structure of the health care industry; economic costs of diseases, disability and premature death; pricing problems and social returns from public investment; incomes of health care practitioners; economic efficiency in the health care industry; benefit-cost analysis of various health care programs.
Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3311 (3) Government Policy Towards Business (3 hrs Lecture) This is a survey course that examines the way in which major areas of government economic policy can affect business. Policy areas outlines are international trade policy, competition policy, environmental management policies, public enterprises, and economic regulation. The emphasis is on the economic and social arguments underlying these major areas of government economic policy, but both normative and positive analysis of each particular public policy area are discussed.
Requisite Courses: ECON-1102 and ECON-1103, or ECON-1104 with a minimum grade C, or ECON-1106 with a minimum grade C [prerequisite(s)].

ECON-3315 (3) Urban Economics and Real Estate Markets (3 hrs Lecture) This course uses economic analysis in order to understand the problem of urban growth and decay. Among the issues addressed are the location decisions of firms, the location patterns of households and firms within cities, suburbanization, agglomeration economies and the origin and economic functions of cities. An in-depth analysis of housing and real estate markets is also presented. Relevant Canadian case studies are used to illustrate the issues.
Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3316 (3) Cost-Benefit Analysis and Project Evaluation (3 hrs Lecture) The techniques of benefit-cost analysis and program evaluation will be developed from the perspectives of economics with reference to natural resource economics and public expenditure analysis. Case studies will be used to examine the techniques.
Requisite Courses: ECON-2101 or permission of the instructor [prerequisite(s)].

ECON-3317 (3) Economic Development in the Asia Pacific Region (3 hrs Lecture) This course is an introduction to the economic development of selected Asian Pacific countries, such as Japan, China, South Korea, and Philippines.
Requisite Courses: ECON-2101 or permission of the instructor [prerequisite(s)].

ECON-3319 (3) Managerial Economics (3 hrs Lecture) A study of the application of economic theory to the decision-making problems of managers in private and public institutions; the objectives of business organizations; economic and non-economic concepts of competition; costs and profits; demand and product pricing; capital budgeting.
Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3320 (3) Managerial Finance (3 hrs Lecture) This course presents an intensive study of the economic theories and principles of financial management essential for the growth of business firms and hence the growth of the Canadian economy. It will relate financial theory to financial management within a Canadian context.
Cross-listed: BUS-3320(3).
Restrictions: Students may not hold credit for this course and BUS-3320.
Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3321 (3) History of Economic Thought I (3 hrs Lecture) This course examines the development of political economy from ancient times until 1870 with emphasis on Classical Political Economy. Adam Smith, David Ricardo, Karl Marx, and John Stuart Mill will be read in the context of the criticism of their contemporaries.
Requisite Courses: ECON-2101 and ECON-2102 or permission of the instructor [prerequisite(s)].

ECON-3322 (3) History of Economic Thought II (3 hrs Lecture) This course examines the first and second generations of neoclassical writers (1870-1936) in the context of the criticism of their contemporaries. The focus will be on Walras, Jevons, Marshall, Edgeworth, Pigou, and J.B. and J.M. Clark. The emphasis is on the historical and philosophical dimensions of their work.
Requisite Courses: ECON-2101 and ECON-2102 or permission of the instructor [prerequisite(s)].

ECON-3819 (3) Advanced Corporate Finance (3 hrs Lecture) This advanced finance course adds to the

technical skill and conceptual understanding of accounting and corporate finance developed in previous courses. It provides and in-depth study of issues and tools that financial managers use in making decisions. Topics include capital budgeting under uncertainty; advanced cash flow analysis; long-term sources of funds; capital structure; divident policy; special financing and investment decisions; timing decisions; futures, forwards, options and swaps; treasury risk management; and financial planning.
Cross-listed: BUS-3819(3).
Restrictions: Students may not hold credit for this course and BUS-3819.
Requisite Courses: A minimum grade of C+ in ECON-2820 or BUS-2820 [prerequisite(s)].

ECON-4103 (3) Microeconomics (3 hrs Lecture) This course provides students with an intensive review of the major principles and techniques of microeconomic analysis. It also deals with the determination of prices and the role of the pricing system as the mechanism by which individual and social decisions are made.
Restrictions: Honours Form Required.
Requisite Courses: A minimum grade of C+ in ECON-2101 and ECON-2201 [prerequisite(s)].

ECON-4104 (3) Macroeconomics (3 hrs Lecture) This course emphasizes macroeconomic concepts concerning the measurement and determination of national income, and the application of macroeconomic policy tools to the Canadian economy.
Restrictions: Honours Form Required.
Requisite Courses: A minimum grade of C+ in ECON-2102 and ECON-2201 [prerequisite(s)].

ECON-4105 (3) Advanced Microeconomics (3 hrs Lecture) This course introduces a number of topics in modern microeconomic theory. Modern microeconomic theory stresses the influence of asymmetric information, uncertainty, and strategic behaviour on the operation and performance of markets. Topics may include choice under uncertainty, expected utility theory, the insurance decision (including moral hazard and adverse selection), signaling models, and game theory. The course is primarily designed for students wishing to pursue graduate work in Economics or Finance.
Restrictions: Honours Form Required.
Requisite Courses: ECON-4103 and permission of the instructor [prerequisite(s)].

ECON-4106 (3) Advanced Macroeconomics (3 hrs Lecture) This course entails advanced analysis of macroeconomic theories of aggregate consumption, investment demand, economic growth, and employment behaviour. A study of empirical works related to Canadian experience will be emphasized.
Restrictions: Honours Form Required.
Requisite Courses: ECON-4104 [prerequisite(s)].

ECON-4201 (3) Econometrics (3 hrs Lecture | 1 hrs Lab) This course considers standard econometric problems including multicollinearity, serial correlation, and heteroscedasticity. Autoregression and simultaneous equations models will also be introduced. One hour lab instruction is included.
Restrictions: Honours Form Required.
Requisite Courses: ECON-3201 [prerequisite(s)]; ECON-4201L (lab) (must be taken concurrently).

ECON-4203 (3) Topics in Mathematical Economics (3 hrs Lecture) The course introduces advanced mathematical methods for formulating and analyzing economics theories and problems. Topics such as difference and differential equations, dynamic optimization, and game theory are presented with economics applications.
Restrictions: Honours Form Required.
Requisite Courses: ECON-2101, ECON-2102, and ECON-2201 all with a minimum grade of C+ [prerequisite(s)].

ECON-4303 (3) Topics in Applied Economics (3 hrs Lecture) This course examines issues in a selected area of economics. Possible areas include labour, health and development economics. The choice of topic depends on the instructor. The emphasis is on using empirical methods. Appropriate econometric techniques for addressing issues of endogeneity, selection bias, and unobserved heterogeneity may be covered. Students may repeat this course for credit, provided the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: ECON-3201 and permission of the instructor [prerequisite(s)].

ECON-4306 (3) Topics in Economic Development (3 hrs Lecture) Interest in the topic of economic development has enjoyed resurgence in academic circles given the emergence of "new growth theory" and endogenous models of economic growth. These models place greater emphasis upon human capital accumulation, innovation, and growth. Concurrently, the rise of Southeast Asian economies has challenged conventional views about how the West grew rich or, more recently, why Latin America did not. This course is designed to examine the new growth theory literature in the context of recent historical changes in the world economy.
Restrictions: Honours Form Required.
Requisite Courses: ECON-2101 and ECON-2102 with a minimum grade of C+ [prerequisite(s)].

ECON-4307 (3) Topics in Macroeconomic Theory and Policy (3 hrs Lecture) This course provides students with an opportunity to build on the macroeconomics background developed in Honours Macroeconomics (ECON-4104 (3)). The course considers macroeconomic problems and techniques for solving them, highlighting the use of dynamic models and their implications for policy. An emphasis is placed on the importance of political economy considerations in macroeconomics. Issues covered in any given year may include the interplay between demographics and fiscal policy, the determinants of policy related to technology adoption, and therefore economic growth, income redistribution, or the determination of monetary policy.
Restrictions: Honours Form Required.
Requisite Courses: ECON-4104 [prerequisite(s)].

ECON-4310 (3) Topics in International Economics (3 hrs Lecture) This course examines theoretical and applied topics related to international trade or international finance. Topics related to international trade may include a discussion of the benefits of trade, the effects of tariffs and quotas, customs unions and imperfect competition on trade. Topics related to international finance may include an examination of exchange rate policy, the fiscal and monetary effects of trade investment flows, and the development of the international monetary system.
Restrictions: Honours Form Required.
Requisite Courses: ECON-2101 and ECON-2102 or permission of the instructor [prerequisite(s)].

ECON-4311 (3) Topics in the History of Thought: Keynes (3 hrs Lecture) The economic and philosophical writings of Keynes and the "Cambridge Circus" is examined in the historical and social context of the times.
Restrictions: Honours Form Required.
Requisite Courses: ECON-2101 and ECON-2102 with a minimum grade of C+ [prerequisite(s)].

ECON-4313 (3) Topics in Industrial Organization and Competition Policy (3 hrs Lecture) This course examines areas of research in modern industrial organization theory and competition policy. Industrial Organization is the field in economics that examines the effectiveness of competition in markets that are less than perfectly competitive. Among the topics addressed are models of imperfect competition, game theory and competition in a spatial framework. Business practices such as resale price maintenance, exclusive dealing, and tied selling are examined in the context of industrial organization theory and policy. In addition, the course examines how current research in industrial organization is reflected in Canada's Competition Act.
Restrictions: Honours Form Required.
Requisite Courses: ECON-2101 and ECON-2201 with a minimum grade C+ [prerequisite(s)].

ECON-4314 (3) Topics in Public Economics (3 hrs Lecture) The course deals with the theory of taxation and public expenditures within the context of first-best and second-best analysis. The theories of production, consumption, and other externalities are discussed. Other topics include the theory and practice of cost-benefit analysis and fiscal federalism. The economic analysis of collective decision-making in a non-market context is examined.
Restrictions: Honours Form Required.
Requisite Courses: ECON-2101 and ECON-2201 with a minimum grade C+ [prerequisite(s)].

ECON-4316 (3) Topics in Regulation and Public Enterprises (3 hrs Lecture) Regulation and public enterprises are two instruments used by governments to govern the allocation of resources in certain markets. Among the regulatory topics addressed are theories of regulation, cost of service regulation, rate of return regulation and price cap regulation. Reference is made to regulations in a number of industries, such as the energy, telecommunications and transportation industry. In addition, the role of Public Enterprises as an alternative approach to the allocation and distribution of resources is discussed.
Restrictions: Honours Form Required.
Requisite Courses: ECON-2101 and ECON-2201 with a minimum grade C+ [prerequisite(s)].

ECON-4317 (3) Topics in Environmental and Natural Resource Economics (3 hrs Lecture) This course presents selected issues in environmental and resource economics at an advanced level. Topics such as the theory of environmental policy, international aspects of environmental problems, monitoring and enforcement of environmental regulations, and efficient versus sustainable utilization of natural resources are examined.
Restrictions: Honours Form Required.
Requisite Courses: ECON-2101 and ECON-2201 with a minimum grade C+ [prerequisite(s)].

ECON-4318 (3) Topics in Labour Economics (3 hrs Lecture) Several new economic approaches have led to important insights into the nature of the labour market. Becker=s new household economics provides a provocative interpretation of the family; principal-agent theory offers novel explanations of the organization of labour within the firm; and implicit contract theory challenges conventional views of employer/employee relationships. This course examines in depth one or two selected topics in labour economics.
Restrictions: Honours Form Required.
Requisite Courses: ECON-2101 and ECON-2201 with a minimum grade C+ [prerequisite(s)].

ECON-4411 (3) Advanced Reading Course in Economics (3 hrs Directed Reading) A program of reading, research, and consultation for senior students, to be arranged by the instructor and the student.
Restrictions: Department Permission Required.

ECON-4412 (3) Advanced Reading Course in Economics (3 hrs Directed Reading) A program of reading, research, and consultation for senior students, to be arranged by the instructor and the student.
Restrictions: Department Permission Required.

ECON-4800 (3) Investments and Portfolio Management (3 hrs Lecture) This course introduces students to the main financial instruments that are used in the investment industry, including a detailed description of financial instruments and how they are traded in financial markets. A brief review of portfolio theory is presented including a discussion of a number of key models of modern finance, including the Capital Asset Pricing Model and the Arbitrage Pricing Theory. The course also includes a detailed examination of the role and operation of fixed-income securities and equities. The course concludes with a discussion of the role and techniques of passive versus active portfolio management.
Note: This course is intended for students in the EFIN program.
Cross-listed: BUS-4800(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and BUS-4800.
Requisite Courses: ECON-2820(3) or BUS-2820(3) (or the former ECON-2319(6) or BUS-2319(6)); and

STAT-1302(3) or STAT-2001(3); and ONE of MATH-1101(6) or MATH-1102(3) or MATH-1103(3) or ECON-1201(3) or permission of the instructor [prerequisite(s)].

ECON-4801 (3) Options, Futures, and Derivatives (3 hrs Lecture) This course is designed to provide an in-depth analysis of a number of topics in modern finance theory and applications. The main areas that are examined include Futures Markets, Option Markets and Derivatives. These financial instruments play a key role in the management of risk by firms, and have attracted increasing interest from private sector firms and the larger community. The role of these instruments in the financial markets and their effect on the financial system is examined in detail.
Note: This course is intended for students in the EFIN program.
Cross-listed: BUS-4801(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and BUS-4801.
Requisite Courses: ECON-2820(3) or BUS-2820(3) (or the former ECON-2319(6) or BUS-2319(6)); and STAT-1302(3) or STAT-2001(3); and ONE of MATH-1101(6) or MATH-1102(3) or MATH-1103(3) or ECON-1201(3) or permission of the instructor [prerequisite(s)].

ECON-4802 (3) Topics in Finance I (3 hrs Lecture) This course provides an opportunity to study a particular finance research topic in depth. The course content covers primarily theoretical aspects in finance. Possible topics addressed include entrepreneurial finance, fixed income analysis and behavioral finance. This course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: ECON/BUS-2820 and ECON-2201 and ECON-3201, or permission of the instructor [prerequisite(s)].

ECON-4803 (3) Topics in Finance II (3 hrs Lecture) This course provides an opportunity to study a particular finance research topic in depth. The course content covers primarily empirical aspects in finance. Possible topics addressed include financial risk and management, valuation and financial statement analysis, and valuation and financial modeling. This course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: ECON/BUS-2820 and ECON-2201 and ECON-3201, or permission of the instructor [prerequisite(s)].

EDUCATION

EDUC-1801 (3) Education Today: An Introduction to Teaching (3 hrs Lecture | 3 hrs Lab) This course offers a survey for those interested in the Manitoba K-S4 education system. Its major objective is to further students' understanding of the relevant social, legal, and political factors that provide the context for life in the classroom and for the teacher-student relationship.
Restrictions: Students may not hold credit for this course and EDUC-1001 | EDUC-1002 | EDUC-1802.

EDUC-1802 (3) Education Today (WEC): An Introduction to Teaching (3 hrs Lecture) This course offers a survey for those interested in the Manitoba K-S4 education system. Its major objective is to further students' understanding of the relevant social, legal, and political factors that provide the context for life in the classroom and for the teacher-student relationship. This course is intended for students admitted to the Winnipeg Education Centre program.
Restrictions: Students may not hold credit for this course and EDUC-1001 | EDUC-1002 | EDUC-1801.

EDUC-1810 (3) Educational Leadership Within a Service-Learning Framework (3 hrs Lecture) Service-learning is an educational approach that integrates service in the community with intentional learning outcomes. By providing students with the opportunity to frame theoretical learning in real-life situations, service-learning leads students to broaden their horizons and to change their perspectives on their participation as citizens of a diverse democracy. This course utilizes a methodology that combines academic instruction, meaningful service and critical reflective thinking to promote student learning and civic responsibility. Students should have flexibility in their schedule as they must complete 40 hours of community service at a designated site as part of the course requirements.

EDUC-2232 (3) Introduction to Conflict Resolution in Educational Settings (4 hrs Lecture) This course will present an introduction to the theory and methods of conflict resolution, with special emphasis on conflict in educational settings. The course will help students to understand the nature of human conflict, responses to conflict, and models for constructive ways to deal with conflict between and among individuals and groups. Topics will include anger, power, creative dimensions of conflict, and mediation. These will be examined from an interdisciplinary perspective.
Cross-listed: CRS-2232(3).
Restrictions: Students may not hold credit for this course and CRS-2232.

EDUC-2242 (3) Methods of Conflict Resolution in Educational Settings (4 hrs Lecture) This course will provide practical applications of conflict resolution skills, for teaching conflict resolution and for the implementation of conflict management programs from elementary to secondary levels. Practical skills for conflict resolution in the classroom, in the home, in the peer group, and in staff relations will be developed. Areas of skill learning will include conflict mediation, listening skills, responding to anger and violence, and classroom management. A practicum component will be included to provide the opportunity to link theory to practice.
Cross-listed: CRS-2242(3).
Restrictions: Students may not hold credit for this course and CRS-2242.
Requisite Courses: CRS-2232 or EDUC-2232, and CRS-1200 [prerequisite(s)].

EDUC-2410 (3) The School System: Structure and Dynamics (4 hrs Lecture) This course is an introductory study of the structure, functions, and policies of the public school system at the local and provincial levels. Emphasis is placed on the professional, legal, political, administrative, and organizational aspects of the educational system as they relate to the classroom teacher in Manitoba schools.
Restrictions: Students may not hold credit for this course and EDUC-4404.
Requisite Courses: EDUC-1801 or EDUC-1802 or EDUC-1810 or EDUC-4002 and a minimum of 18 completed credit hours of course work [prerequisite(s)] or permission of an advisor in the Faculty of Education [prerequisite(s)].

EDUC-2511 (3) Learning Theory (3 hrs Lecture) This course is an introduction to psychological principles as they apply to the practice of teaching and learning within educational contexts. This course provides an overview of various learning theories and the implications each has for variables such as classroom interaction, motivation, instruction, assessment, and evaluation.
Restrictions: Students may not hold credit for this course and EDUC-2501.
Requisite Courses: EDUC-2512 or EDUC-2514 (must be taken concurrently); EDUC-1801 or EDUC-1802 or EDUC-1810 and a minimum 18 completed credit hours of course work [prerequisite(s)].

EDUC-2512 (1) Learning Theory Practicum (3.5 hrs Apprenticeship/Internship/Practicum | 3 hrs Lab) This course offers practical teaching experience in the schools under the guidance and supervision of practicum host teachers. Students complete 10 days of practicum over the fall or winter term. This course must be taken concurrently with EDUC-2511(3) and will be closely integrated with that course's assignments.
Restrictions: Students may not hold credit for this course and EDUC-2514.
Requisite Courses: EDUC-2511 (must be taken concurrently); Two EDUC-2512Px (practicums) (must be taken concurrently).

EDUC-2513 (3) Learning Theory (RRC) (4 hrs Lecture) This course is an introduction to psychological principles as they apply to the practice of teaching and learning within educational contexts. The course will provide an overview of various learning theories and the implications each has for variables such as classroom interaction, motivation, instruction, assessment, and evaluation.
Note: This course may be taken by Education students in the joint UW/Red River College program only.

EDUC-2514 (1) Learning Theory Practicum (WEC) (3 hrs Apprenticeship/Internship/Practicum) This course offers practical teaching experience in the schools under the guidance and supervision of practicum host teachers. This course must be taken concurrently with EDUC-2511(3) and will be closely integrated with that course's assignments. Students in this course will have a practicum experience consisting of one day per week for 10 weeks, plus an eight day block.
Restrictions: Students may not hold credit for this course and EDUC-2512.
Requisite Courses: EDUC-2511 (must be taken concurrently).

EDUC-2530 (3) Inclusive Approaches to Teaching Exceptional Students (3 hrs Lecture) This course addresses the relevant theories, delivery systems, assessment, adaptive programming, family and community involvement, and education services for children with mild to moderate cognitive, emotional, and behavioural special needs. Attention is paid to the mandated provincial curriculum and policies as well as professional, legal, ethical, and societal considerations. Students are expected to begin to link a theoretical perspective to a practical understanding of the wide-ranging issues of inclusive education in Manitoba schools.
Restrictions: Students may not hold credit for this course and EDUC-3510 | EDUC-4501.

EDUC-3400 (3) Educational Settings and the Sociology of Learning (3 hrs Lecture) This course is an introduction to the study of learning utilizing sociological principles. Social factors affecting teaching and learning will be examined. It will consider educational settings as learning environments, examining such features as the social characteristics of students, schools, and their surroundings, that have an impact on school performance. Some attention is given to a consideration of the relationship between school learning environments and educational reform.

EDUC-3810 (6) Teaching/Learning and the K-8 Curriculum (3 hrs Lecture) This course will introduce students to the theory which underlies the teaching and learning process. Students will examine age appropriate teaching and learning strategies, methods of differentiated ins truction and classroom management. The fundamentals of instructional design and assessment in lesson and unit planning will also be addressed. Students registering for this course must also register for the co-requisite practicum course which provides the experiential link from theory to practice.
Restrictions: Students may not hold credit for this course and EDUC-3801 | EDUC-3803.
Requisite Courses: EDUC-2511 with a minimum grade of C, and EDUC-2512 or EDUC-2514, and a minimum of 48 credit hours of course work [prerequisite(s)]; EDUC-3811 or EDUC-3814 (must be taken concurrently); Elementary students must have completed 6 credit hours in Mathematics to satisfy the Distribution Requirement [prerequisite(s)].

EDUC-3811 (2) Teaching/Learning and the K-8 Curriculum Practicum (2 hrs Apprenticeship/Internship/Practicum | 3 hrs Lab) This course offers practical teaching experience in the schools under the guidance and supervision of practicum host teachers. Students complete 10 days of practicum in the fall term and 10 days of practicum in the winter term for a total of 20 days. This course must be taken concurrently with EDUC-3810(6) and will be closely integrated with that course's assignments.
Restrictions: Students may not hold credit for this course and EDUC-3814.
Requisite Courses: EDUC-2511 and EDUC-2512 or EDUC-2514 [prerequisite(s)]; EDUC-3811P1, EDUC-3811P2 EDUC-3811P3 and EDUC-3811P4 (must be taken concurrently).

EDUC-3814 (2) Teaching/Learning and the K-8 Curriculum Practicum (WEC) (3 hrs Lecture) This course offers practical teaching experience in the schools under the guidance and supervision of practicum host teachers. Students complete 20 days of practicum over two terms (fall and winter) and an eight day block over two terms (fall and winter). This course must be taken concurrently with EDUC-3810(6) and will be closely integrated with that course's assignments.
Restrictions: Students may not hold credit for this course and EDUC-3811.
Requisite Courses: EDUC-2511 and EDUC-2514 [prerequisite(s)]; EDUC-3810 (must be taken concurrently).

EDUC-4000 (3) Special Topics in Education (4 hrs Lecture) This course will examine relevant issues and developments in education. Course content will vary from year to year. The topic of each course will be available to students prior to registration.
Note: Prerequisites for this course will be determined on an individual course basis.
Restrictions: Students may not hold credit for this course and EDUC-5001.

EDUC-4001 (3) Independent Study (3 hrs Directed Reading) In this course readings in a particular topic will be arranged between an individual student and an Instructor. Where appropriate, a practicum may also be included as part of the course.
Note: Written permission of the instructor and the Chair of the Departmental Review Committee is required.
Restrictions: Instructor Permission Required.

EDUC-4002 (6) Foundations of Teaching and Learning (4 hrs Lecture) This course will consist of philosophical, psychological and pedagogical foundations in Education. The course will introduce psychological principles as they relate to the practice of teaching and learning within the educational context. Students will examine the philosophy and goals of education in Manitoba and in other cultures and will be encouraged to develop their philosophical and pedagogical perspectives by examining current theory and practice. Teaching and learning will be examined within the model of teacher decision-making that includes knowledge of the learner (learner characteristics), knowledge of the relationship of content, strategies, lessons and planning,

and knowledge of methods (classroom organization, motivation, instruction, assessment).
Note: This course may be taken by students in the After Degree Program only.

EDUC-4102 (3) Introduction to Teaching English as an Additional Language (4 hrs Lecture) This course provides an introduction to the field of Teaching English as an Additional Language (TEAL). It examines the scope of TEAL; communicative competence; theories of English language teac hing in relation to their linguistic, pedagogical, and socio-cultural presuppositions; and EAL instructional techniques.
Restrictions: Students may not hold credit for this course and EDUC-3201.
Requisite Courses: EDUC-2513 or EDUC-3810 [prerequisite(s)].

EDUC-4400 (3) Critical Pedagogy and Student Diversity (4 hrs Lecture) Critical pedagogy is a theoretical approach to understanding the classroom as a sphere of social action where it is possible to empower students by transforming the conditions that interfere with learning. This course applies principles of critical pedagogy to issues of classroom diversity, understood as a complex of ethnicity, economic class, gender, and other social differences that are often mobilized as axes of power in educational settings. Particular attention will be paid to the implications of critical pedagogy for teaching in inner city schools in Winnipeg, where there is a high incidence of poverty, marginalization and cultural diversity.
Restrictions: Students may not hold credit for this course and EDUC-3401.
Requisite Courses: EDUC-2513 or EDUC-3810 [prerequisite(s)].

EDUC-4401 (3) Just and Effective Schools (4 hrs Lecture) This course is an inquiry into the meaning of just and effective schools as well as into the vision and process through which these schools are pedagogically and practically developed. The course focuses on educational issues such as inequities which may be eliminated through schools rather than reinforced; the hidden and expressed curriculae of schools; ethics and law in schooling; schooling as a moral, civic and academic enterprise; evaluation of students; and schooling which teaches the importance of process along with content. A consistent theme of the course is schooling which facilitates and promotes personal social growth as well as academic development of students.
Restrictions: Students may not hold credit for this course and EDUC-3402.
Requisite Courses: EDUC-2513, EDUC-3810, or EDUC-4002 [prerequisite(s)].

EDUC-4403 (3) Education for Multicultural Settings (4 hrs Lecture) This course will explore multiculturalism and multicultural education in Canada. Topics will include current issues that relate to identity, gender, race, human rights and special needs. Emphasis will be on relating theoretical discussions to practical classroom situations.
Restrictions: Students may not hold credit for this course and EDUC-2402.

EDUC-4405 (3) Contemporary Issues in Inner-City Education (4 hrs Lecture) This course examines the inner city, its issues and its characteristics, with a balanced and contextualized approach, including the issue of equality versus equity. The role of education and educators in regards to meeting the specific needs and challenges of learners in the inner-city context are studied, particularly in respect to constructive community building and helpful approaches that create positive results.
Restrictions: Students may not hold credit for this course and EDUC-3404.

EDUC-4407 (3) Enrichment and Talent Development (4 hrs Lecture) This introductory course to gifted education considers philosophy, theoretical models, and issues such as acceleration, segregation versus integration, and appropriate teaching techniques. The course emphasizes practical strategies such as curriculum compacting, mentorship, creative problem solving, self-directed learning, and the development of theme units. Throughout, the general focus is on enrichment programming for talent development. A portion of the course may involve a practicum/mentoring placement, where students guide children or adolescents from a partnering school division (or divisions) through a higher order enrichment activity or project.
Restrictions: Students may not hold credit for this course and EDUC-3502.
Requisite Courses: EDUC-2513 or EDUC-3810 or EDUC-4002 [prerequisite(s)].

EDUC-4408 (3) Issues with At-Risk Children and Youth (4 hrs Lecture) This course is designed to familiarize students with many key issues and concepts in the domain of at-risk children and youth. Topics covered include reclaiming children and youth at risk, identifying and nurturing the talents of troubled young people, celebrating survivors and resilience, developmental assets, cultural variables, learning disabilities/Attention-Deficit/Hyperactivity Disorder, and men toring. Attention will be paid to areas such as conflict resolution and anger management; socials kills training; and exploring issues such as bullying, gangs and gang prevention, and strength-building prevention and treatment programs.
Restrictions: Students may not hold credit for this course and EDUC-3503.
Requisite Courses: EDUC-2513 or EDUC-3810 [prerequisite(s)].

EDUC-4409 (3) Mentoring At-Risk Youth (4 hrs Lecture) This pass/fail course is designed to provide the experiential link between theory and practice in the at-risk domain. Students mentor youth with a variety of social/emotional and educational needs. Mentoring experiences may involve high-school students at-risk of dropping out of school, elementary and middle years gifted students, high school war affected youth, or students exhibiting needs in the area of literacy.

EDUC-4410 (3) Introduction to Aboriginal Education (4 hrs Lecture) The course explores Aboriginal education both past and present. It includes the transition from

traditional Aboriginal education to Western education. Topics include, pre-contact education; traditional philosophies and life skills; the beginnings of Western education; early and present day Canadian government policies concerning Aboriginal education; stereotypes and racism that have resulted from government policies; residential schools; the transition from assimilation by segregation to assimilation by integration; Indian Control of Education; and Aboriginal education in the present. Special topics may include gender specific issues; Aboriginal Memorial Day; and learning topics by guest speakers.

EDUC-4412 (3) Teaching and Supporting Youth From Immigrant and Refugee Backgrounds (4 hrs Lecture) This course is designed to provide teachers with an awareness and understanding of issues concerning children and youth from refugee and immigrant backgrounds. The global concern for peace education, conflict resolution, and basic human entitlements are addressed. Teachers who work in multi-ethnic cities must learn how to meet the unique needs of newcomer students and their families. Students examine the state of the world's children and learn how to effectively address the psychosocial and emotional needs of these children in today's classrooms. Students also learn how to foster resilience by developing the talents, skills, and gifts of children who have refugee and immigrant backgrounds.

EDUC-4600 (3) Critical Literacy for Empowerment (4 hrs Lecture) This course focuses on using critical reading and writing in early, middle, and senior school years to decrease student alienation and promote stronger performance through an empowering approach to studying texts and language conventions. In particular, the focus is on written texts such as literary works, school textbooks, and curriculum documents; and on language conventions such as Standard English and social discourses that affect students' perceptions of themselves and others and the possibilities open to them in the future. The approach is most obviously relevant to teaching in content areas such as the Language Arts, History, and Social Studies, but it is also relevant to teaching in the sciences.
Restrictions: Students may not hold credit for this course and EDUC-3602.
Requisite Courses: EDUC-3810 or EDUC-2513 [prerequisite(s)].

EDUC-4601 (3) Computer Assisted Multi-Media Learning (4 hrs Lecture) This course explores technology and its role in education. The practical component focuses on developing skills such as using/designing web-based learning, authorware, multimedia web components (image, audio, video), and presentation software. The theoretical component deals with the critical analysis of technology and its role in education. Students are expected to be proficient in Windows and MS Office.
Note: Depending on their proficiency and background, students should plan to spend an additional 20-30% laboratory time in order to complete assignments.
Restrictions: Students may not hold credit for this course and EDUC-3604.
Requisite Courses: EDUC-2601 or EDUC-2611 [prerequisite(s)].

EDUC-4602 (3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching (4 hrs Lecture) This course will focus on the innovative use of technology in the classroom to promote critical thinking in students. Senior years students in ALL curriculum areas will be introduced to the skills needed to develop integrated lesson plans in which they weave subject area outcomes with technology outcomes. Topics will include learning theory in relation to critical thinking, essentials of curriculum development, Manitoba technology frameworks, lesson planning for technology integration, and educational applications of information technology. Continuing parallel themes will be the rationale and development of Technology as a Foundation Skill, and the development of Literacy with ICT Across the Curriculum in Manitoba schools.

EDUC-4700 (3) The Adult Learner: An Introduction to Adult Education (3 hrs Lecture) This course will critically examine models, perspectives, and research related to adult learning in both formal and informal settings. It will emphasize the role of the adult educator in program planning, implementation, and evaluation within the context of an examination of current adult education issues and questions.
Restrictions: Students may not hold credit for this course and EDUC-2701.
Requisite Courses: EDUC-3810 or EDUC-2513 [prerequisite(s)].

EDUC-4701 (3) Classroom Management Environments (4 hrs Lecture) This course introduces students to the theory and practice relative to creating and managing an effective learning environment. Students examine relevant developments in classroom management, conflict resolution, and community building in the classroom. This course focuses on factors that influence student and teacher behaviors and those that can produce an optimal learning environment for all. Additionally, this course examines teacher identity and presence and the impact of these on learning and behaviors in the classroom.

EDUC-4820 (3) Early Years Education (4 hrs Lecture) This course examines the premises and objectives of Early Years Education. Students are introduced to the instructional approaches effective in achieving these goals.

EDUC-4821 (3) Middle Years Education (4 hrs Lecture) This course examines the premises and objectives of Middle Years Education. Students are introduced to the instructional approaches effective in achieving these goals.
Requisite Courses: EDUC-3810 and admission to the certification portion of the degree and the Middle Years Stream [prerequisite(s)].

EDUC-4835 (1) Early Years Curriculum, Instruction, and Assessment: Art (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Art within the context of the Manitoba Education and Training curriculum framework for the early years.
Note: Available only to students admitted to the certification

portion of the program.

EDUC-4836 (1) Early Years Curriculum, Instruction, and Assessment: Drama (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Drama within the context of the Manitoba Education and Training curriculum framework for the early years.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4837 (1) Early Years Curriculum, Instruction and Assessment: Physical Education/Health Education (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Physical and Health Education within the context of the Manitoba Education and Training curriculum framework for the early years.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4838 (3) Early Years Curriculum, Instruction, and Assessment: Reading and the English Language Arts (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Language Arts within the context of the Manitoba Education and Training curriculum framework for the early years.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4839 (3) Early Years Curriculum, Instruction, and Assessment: Mathematics (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Mathematics within the context of the Manitoba Education and Training curriculum framework for the early years.
Note: Available only to students admitted to the certification portion of the program.
Restrictions: Students may not hold credit for this course and EDUC-4721 | EDUC-4735 | EDUC-4847.

EDUC-4840 (1) Early Years Curriculum, Instruction and Assessment: Music (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Music within the context of the Manitoba Education and Training curriculum framework for the early years.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4841 (3) Early Years Curriculum, Instruction, and Assessment: Science (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Science within the context of the Manitoba Education and Training curriculum framework for the early years.

EDUC-4842 (3) Early Years Curriculum, Instruction, and Assessment: Social Studies (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Social Studies within the context of the Manitoba Education and Training curriculum framework for the early years.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4843 (1) Middle Years Curriculum, Instruction, and Assessment: Art (4 hrs Lecture) This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Art within the context of the Manitoba Education and Training curriculum framework for the middle years.

EDUC-4844 (1) Middle Years Curriculum, Instruction and Assessment: Drama (4 hrs Lecture) This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Drama within the context of the Manitoba Education and Training curriculum framework for the middle years.

EDUC-4845 (1) Middle Years Curriculum, Instruction and Assessment: Physical Education/Health Education (4 hrs Lecture) This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Physical and Health Education within the context of the Manitoba Education and Training curriculum framework for the middle years.

EDUC-4846 (3) Middle Years Curriculum, Instruction and Assessment: Reading and the English Language Arts (4 hrs Lecture) This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Reading and the English Language Arts within the context of the Manitoba Education and Training curriculum framework for the middle years.

EDUC-4847 (3) Middle Years Curriculum, Instruction and Assessment: Mathematics (4 hrs Lecture) This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Mathematics within the context of the Manitoba Education and Training curriculum framework for the middle years.
Restrictions: Students may not hold credit for this course and EDUC-4721 | EDUC-4735 | EDUC-4839.

EDUC-4848 (1) Middle Years Curriculum, Instruction and Assessment: Music (4 hrs Lecture) This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Music within the context of the Manitoba Education and Training curriculum framework for the middle years.

EDUC-4849 (3) Middle Years Curriculum, Instruction and Assessment: Science (4 hrs Lecture) This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Science within the context of the Manitoba Education and Training curriculum framework for the middle years.

EDUC-4850 (3) Middle Years Curriculum, Instruction and Assessment: Social Studies (4 hrs Lecture) This course will introduce students to the instructional approaches and assessment techniques relevant to the

teaching of Social Studies within the context of the Manitoba Education and Training curriculum framework for the middle years.

EDUC-4852 (5) Senior Years Curriculum, Instruction and Assessment: Alternative (4 hrs Lecture) This course will introduce students to instructional approaches and assessment techniques relative to senior years students in alternative programs or settings. For example, topics will include student initiated projects (SIPS), school initiated courses (SICS), distance learning, storefront learning centres, adult learning, special needs programs and other alternative programs.

EDUC-4853 (3) Senior Years Curriculum, Instruction and Assessment: Biology (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Biology at the senior years level within the context of the Manitoba Education and Training curriculum framework for Biology.
Note: Available only to students admitted to the certification portion of the program.
Requisite Courses: EDUC-4869 and associated practicum courses (must be taken previously or at the same time as this course).

EDUC-4854 (3) Senior Years Curriculum, Instruction and Assessment: Chemistry (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Chemistry at the senior years level within the context of the Manitoba Education and Training curriculum framework for Chemistry.
Note: Available only to students admitted to the certification portion of the program.
Requisite Courses: EDUC-4869 and associated practicum courses (must be taken previously or at the same time as this course).

EDUC-4855 (6) Senior Years Curriculum, Instruction and Assessment: English (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of English at the senior years level within the context of the Manitoba Education and Training curriculum framework for English.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4856 (6) Senior Years Curriculum, Instruction and Assessment: French (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of French at the senior years level within the context of the Manitoba Education and Training curriculum framework for French.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4857 (3) Senior Years Curriculum, Instruction and Assessment: Geography (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Geography at the senior years level within the context of the Manitoba Education and Training curriculum framework for Geography.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4859 (3) Senior Years Curriculum, Instruction and Assessment: Health (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Health Education at the senior years level within the context of the Manitoba Education and Training curriculum framework for Health Education.
Note: Available only to students admitted to the certification portion of the program.
Requisite Courses: For Senior Years students with a major or minor in Physical Activity, EDUC-4863 and associated practicum courses (must be taken concurrently).

EDUC-4860 (6) Senior Years Curriculum, Instruction and Assessment: History (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of History at the senior years level within the context of the Manitoba Education and Training curriculum framework for History.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4861 (6) Senior Years Curriculum, Instruction and Assessment: Mathematics (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Mathematics at the senior years level within the context of the Manitoba Education and Training curriculum framework for Mathematics.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4863 (3) Senior Years Curriculum, Instruction and Assessment: Kinesiology (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Physical Activity at the senior years level within the context of the Manitoba Education and Training curriculum framework for Physical Activity.
Note: Available only to students admitted to the certification portion of the program.
Requisite Courses: EDUC-4859 and associated practicum courses (must be taken concurrently).

EDUC-4864 (3) Senior Years Curriculum, Instruction and Assessment: Physics (4 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Physics at the senior years level within the context of the Manitoba Education and Training curriculum framework for Physics.
Note: Available only to students admitted to the certification portion of the program.
Requisite Courses: EDUC-4869 and associated practicum courses (must be taken previously or at the same time as this course).

EDUC-4865 (3) Senior Years Curriculum, Instruction and Assessment: Theatre and Drama (4 hrs Lecture)

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Theatre and Drama at the senior years level within the context of the Manitoba Education and Training curriculum framework for Theatre and Drama.
Note: Available only to students admitted to the certification portion of the program.
Requisite Courses: EDUC-4867 and associated practicum courses (must be taken concurrently).

EDUC-4866 (3) Senior Years (9-12) Curriculum, Instruction, and Assessment: History and Philosophy of Science and Science Teaching (4 hrs Lecture) This course examines the historical development of science in terms of major themes (like the atomic model) and how this development relates to science teaching. It is intended to foster a more complete view of the nature and philosophy of science to provide the science educator with a context for the content of the Manitoba curriculum and associated textbooks. This is not a formal course in the history of science; but rather, the course emphasizes the role of history and philosophy of science in science instruction. This course may also be of interest to elementary and middle years teachers who wish to gain a broader insight into science and can be used as certification elective.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4867 (3) Senior Years Curriculum, Instruction and Assessment: Performance Production (4 hrs Lecture) This course provides music and theatre major students with skills required to produce school performances such as concerts, variety shows, dramas, musicals and fashion shows. Building on the skills they have acquired in their major teachable area, students will focus on the planning and managing of productions within a senior years school setting.
Note: Available only to students admitted to the certification portion of the program.
Requisite Courses: EDUC-4865 and associated practicum courses (must be taken concurrently).

EDUC-4868 (3) Curriculum, Instruction and Assessment: Principles of Learning French as a Second Language (4 hrs Lecture) This course presents the theories and principles of learning French as a second language with particular emphasis on the Communicative Approach in Core French and Immersion. A study of current didactic materials, teaching methods and lesson implementation at the K to 8 levels, based on the Manitoba context, will be undertaken. This course will be taught in French.
Note: Available only to students admitted to the certification portion of the program.
Requisite Courses: EDUC-4856 or admission into an Elementary French Immersion certification school placement (must be taken previously or at the same time as this course).

EDUC-4869 (3) Senior Years (9-12) Curriculum, Instruction and Assessment: Theory of Science Teaching (4 hrs Lecture) This course addresses effective science teaching strategies and current issues in science education. The focus is on methodology to promote student learning understanding of science concepts and processes. Practical methods for demonstrating, planning laboratory experiences, managing science equipment, and safety concerns are also developed and discussed.
Note: Available only to students admitted to the certification portion of the program. Requisite Courses: SY CI&A Biology (EDUC-4853), SY CI&A Chemistry (EDUC-4854), SY CI&A Geography (EDUC-4857), or SY CI&A Physics (EDUC-4864) (must be taken concurrently).

EDUC-4870 (3) Senior Year (9-12) Curriculum, Instruction and Assessment: Literacy Across the Curriculum (4 hrs Lecture) This course explores expanding notions of text and literacy across the curriculum. Prospective teachers are asked to consider how to bring learners and texts together to explore and construct meaning within their particular content areas. To this end, students are introduced to dominant theories and current approaches in the engagement of subject area texts through reading, viewing, listening, writing, speaking, and representing.
Note: Available only to students admitted to the certification portion of the program.
Restrictions: Students may not hold credit for this course and EDUC-3102.

EDUC-4871 (6) Senior Years Curriculum, Instruction and Assessment: Curriculum Design (4 hrs Lecture) The first part of this course focuses on developing curriculum in areas where no mandated provincial curriculum documents exist. The second part of the course focuses on instructional design techniques and the implementation of the curriculum. Students are expected to design units and may have an option of a practicum component (self-arranged).
Note: Available only to students admitted to the certification portion of the program.
Requisite Courses: A minimum of 18 credit hours in Anthropology, Classics, Economics, Law, Philosophy, Politics, Psychology, or Sociology [prerequisite(s)]; EDUC-4873 and EDUC-4877 (must be taken concurrently).

EDUC-4872 (2.5) Practicum Block I - Early Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Early Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4873 (2.5) Practicum Block I - Middle Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Middle Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4874 (2.5) Practicum Block I - Senior Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4875 (2.5) Practicum Block II - Early Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Early Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4876 (2.5) Practicum Block II - Middle Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Middle Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4877 (2.5) Practicum Block II - Senior Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4878 (2.5) Practicum Block III - Early Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Early Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4879 (2.5) Practicum Block III - Middle Years (3 hrs Apprenticeship/Internship/Practicum | 3 hrs Lab) This course offers teaching experience in Middle Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4880 (2.5) Practicum Block III - Senior Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4881 (2.5) Practicum Block IV - Early Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Early Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4882 (2.5) Practicum Block IV - Middle Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Middle Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4883 (2.5) Practicum Block IV - Senior Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students admitted to the certification portion of the program.

EDUC-4884 (3) Practicum Block - Red River College (3 hrs Lecture) This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week of experience for a total of 9 days and may include a start of school experience if appropriate.
Note: Available only to students in the Joint UW/RRC Business, Industrial, Aboriginal Language or the full-time Vocational Teacher Education Programs who have been admitted to the certification portion of the program.

EDUC-4887 (2.5) Supplemental Practicum (3 hrs Apprenticeship/Internship/Practicum) This course offers supplemental teaching experience under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block and may include 1 day a week experience for a total of 9 days and/or a start of school experience if appropriate. This practicum is typically taken in conjuction with one or more Curriculum, Instruction and Assessment courses. This course, in conjuction with the Curriculum, Instruction and Assessment course, must be passed in order to fulfill degree requirements.
Note: Recommendation of the Performance Review Committee and written permission of the Chair of the

Performance Review Committee or Director of Student Teaching is required.
Restrictions: Department Permission Required.

EDUC-4890 (3) Senior Years Curriculum, Instruction and Assessment: General Methods (3 hrs Lecture) This course introduces students to the instructional approaches and assessment techniques relevant to teaching at the Senior Years level within the context of the Manitoba Education and Training curriculum framework.
Note: Students must be in the Joint UW/RRC Vocational Education Teacher Program and employed full-time as teachers. They must also have completed the 18 credit hours Arts or Science Minor.

EDUC-4891 (3) Practicum Block - Vocational Education (3 hrs Lecture) This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. A minimum of 110 hours of actual teaching must be completed.
Note: Students must be in the Joint UW/RRC Vocational Education Teacher Program and employed full-time as teachers.
Requisite Courses: EDUC-4890 [prerequisite(s)].

EDUC-5001 (3) Special Topics in Education (3 hrs Lecture) This course examines relevant issues and developments in education. Course content varies from year to year. The topic of each course will be available to students prior to registration.
Restrictions: Students may not hold credit for this course and EDUC-4000.

EDUC-5401 (3) Creative Problem Solving (3 hrs Lecture) This course examines misconceptions that often inhibit creativity, distinguishes between creative and critical thinking, identifies problem-solving styles, and explores ways of developing creative environments in schools and other settings. After being introduced to various models for learning and applying Creative Problem Solving, students build a personal 'tool box' of pragmatic techniques and have the opportunity to practice them.

EDUC-5402 (3) Expanding Gifted Education (3 hrs Lecture) Gifted education in most school districts has traditionally been reserved for high-achieving, teacher-pleasing students. This course explores the expansion of enrichment programming to include hitherto marginalized students: nonconformists, dropouts, the "tough bright," children and youth from minority groups, and young people whose talents surface in domains other than reading, writing, and arithmetic. Specific topics such as inclusive philosophies and models, segregation versus integration, real-world problem solving, mentoring, self-directed learning, and strategies for developing the talents of all students in the regular classroom are examined.

EDUC-5403 (3) Meeting the Needs of FAS/FAE Students (3 hrs Lecture) FASD (Fetal Alcohol Spectrum Disorder) poses challenges for educators. This course considers methods of helping students with this condition function as effectively as possible in our schools. After examining diagnostic procedures and behavioural characteristics, the focus moves to classroom strategies for helping students to develop life skills, enhance their academic performance, and behave in socially acceptable ways. Prerequisites: A Bachelor of Education degree and 2 years of appropriate teaching/work experience OR permission of instructor.

EDUC-5404 (3) Reaching ADHD Child (3 hrs Lecture) This course focuses on specific issues surrounding attention-deficit/hyperactivity disorder (ADHD), including definition, incidence, identification, diagnosis, etiology, medication, behaviour management, self-management skills training, and prognosis. The intent is to present a balanced approach to help educators, parents, and other caregivers understand and cope more effectively with hyperactive children in the classroom, home, and community.

EDUC-5405 (3) Reclaiming Troubled Children and Youth (3 hrs Lecture) This course is designed to prepare educators to meet the needs of emotionally fragile and behaviourally disruptive children and youth. Emphasis is on Life Space Crisis Intervention (LSCI), an advanced, interactive, therapeutic set of strategies that help teachers and other caregivers understand the cycle of conflict and its long-term effects. Students learn to reframe problems from crisis management to crisis teaching, treat disrespectful students respectfully, de-escalate aggression and counter-aggression, recover after a crisis, and turn crisis situations into learning opportunities.

EDUC-5406 (3) Achieving Real-Life Skills (3 hrs Lecture) This course is designed to prepare educators to work more effectively with at-risk youth. Using a variety of practical resources, students learn how to help adolescents develop transferable, personal skills in a variety of domains. Students are introduced to the STARS (Steps to Achieving Real-life Skills) Program, a middle years guidance curriculum for at-risk young people that can be implemented on an individual, small group, or total classroom basis. Components of the program include self-reflection, relationship-building, anger management, values clarification, drug and alcohol awareness, family dynamics, and listening and communication skills.

EDUC-5407 (3) Teaching At-Risk Readers (3 hrs Lecture) Some children have great difficulty acquiring language arts skills. Helping these at-risk readers and writers achieve greater proficiency is an educational priority. The purpose of this course is to provide experienced, practicing teachers with the opportunity to develop a thorough understanding of reading and writing disability within a practical and a theoretical framework. The focus is on mastering the essential components of assessment and remedial strategies.

EDUC-5408 (3) Teaching At-Risk Students in the Inner City School (3 hrs Lecture) This course analyzes educational responses to the changes faced by children in Canadian inner-city schools. It examines the historical, cultural, political, and educational issues surrounding academically and socially at-risk students within an inner-city setting. Identity, race, culture, gender, and human

rights are analyzed in relation to culturally appropriate pedagogy and learning styles.

EDUC-5410 (3) Understanding and Responding to Learning Disabilities (3 hrs Lecture) Learning Disabilities (LD), often termed invisible or hidden handicaps, can take many different forms and affect a wide range of students to varying degrees. Issues emphasized in this course include definition, types of disability, characteristics, self-concept, diagnosis, assessment, and remedial, compensatory, and classroom strategies.

EDUC-5411 (3) Youth Violence in Schools (3 hrs Lecture) Youth violence in schools is a symptom of multiple and pervasive societal problems. Child abuse, poverty, unemployment, intolerance, alcohol and substance abuse, lack of sufficient support services for youths and families, and exposure to media violence contribute to a culture of violence. The complex nature of youth violence demands multifaceted solutions. Reducing violence in schools requires early and systematic intervention in classrooms from early childhood to secondary levels. Schools, as influential socializing institutions, can play a central role in prevention and intervention.

EDUC-5412 (3) Gifted Education in the Inner-City (3 hrs Lecture) Specific facets of gifted education are explored in this course: practical and logistical concerns in inner city enrichment programming, theoretical models to guide practice, developing self-awareness in teachers and students, and strategies for the promotion of social capital across socioeconomic strata. Emphasis is placed on identifying and nurturing the talents of marginalized students.

EDUC-5420 (3) Introduction to School Guidance and Counselling (3 hrs Lecture) This course provides a comprehensive overview of the profession of school counselling. It provides students with an overview and general understanding of (1) historical perspectives and current activiites of counsellors, (2) the role and function of counsellors in a variety of settings, (3) techniques utilized by counsellors, (4) multiculutral considerations in counselling, (5) organizataion of counselling programs, and (6) legal and ethical guidelines.

EDUC-5421 (3) Theories and Issues in School Counselling (3 hrs Lecture) This course provides an overview of the fundamental theories of school counselling includng: the contexts of effective treatment systems, person-centered therapy, existential and gestalt therapy, emerging counselling approaches, rational emotive behavioural therapy, action-foucsed therapy, reality and behavioural therapy. Also considered are values, objectives, ethical issues, and the counsellor-student relationship. Throughout, emphaisis is placed on practical couselling strategies for early, middle, and sentior years levels. Through lectures, readings, class activities, discussions and video clips, students learn about the fundamental components of the major theories, examine differences and similarities amongst the various approaches, and consider practical issues that school counsellors face.

EDUC-5422 (3) Early and Middle Years School Counselling (3 hrs Lecture) This course provides a thorough study of counselling as it relates to the early and middle years' student. Emphasis is placed on the role and function of the school counsellor within the framework of a comprehensive developmental guidance program model. Contemporary issues related to early years and middle years students are explored and strategies for assisting students are examined.

EDUC-5423 (3) Senior Years School Counselling (3 hrs Lecture) This course offers a study of school counselling as it relates to students at the senior years level. Emphasis is placed on the role and function of the school counsellor within the framework of a comprehensive developmental guidance progam model. Contemporary issues related to students at the secondary level are explored and techniques for counselling are investigated.

EDUC-5424 (3) Group Guidance and Counselling in School Settings (3 hrs Lecture) This course examines the many facets of group dynamics, including characteristics, formation and dissolution, stages of change, and the role of the counsellor in facilitating collaboration, cooperataion, and group processes. Stategies for facilitating productive and therapeutic guidance groups are investigated and the development of leadership skills in group counselling are conducted under supervision.

EDUC-5425 (3) Counselling Ethics for Canadian School Settings (3 hrs Lecture) This course is designed to provide a comprehensive overview of legal and ethical issues as they relate to the profession of school counselling. The objectives are to provide students with an overview and general understanding of: (1) standards of practice for counsellors; (2) professional responsibilities of counsellors in a variety of settings; (3) ethical counselling relationships; (4) ethical consulting and referral in counselling, and (5) legal and ethical guidelines in school settings. Topics include: informed consent, confidentiality, record-keeping, boundary issues, training and competence, clinical supervision, working with minors and diversity issues.

EDUC-5426 (3) School Counselling Practicum Skills (3 hrs Lecture) The practice skills course provides students with the opportunity to practice counselling skills and techniques in a supervised lab setting. Students analyze case studies and use digital recordings to practice counselling, consulting and coordinating skills. Students are required to conduct 10 individual counselling sessions with a client. Students are expected to demonstrate a progression of skills that allow gradual progress into direct service with students in a school setting (under guidance of a site supervisor).

EDUC-5427 (3) Supervised School Counselling Program (3 hrs Lecture) The practicum in school counselling provides an opportunity for students to synthesize the theoretical information on individual

counselling and group counselling from their coursework and apply it in an early, middle, or senior years school setting. The course provides both a laboratory experience and a field experience under the joint supervision of a U of W supervisor and a site supervisor. The school counselling practicum is designed to assist students in learning the function and procedures that accompany the role of a school counselor through observation, shadowing, and reviewing relevant documentation. Students are required to complete a minimum of 100 hours in a supervised school setting. Please see website on current application procedures. Field placements are limited and placements will only be arranged by the Faculty of Education Placement Coordinator. Students may not complete their practicum in the same school division, or during the same hours, in which they work.
Requisite Courses: EDUC-5426 with a minimum grade B and have a B. Ed. degree with at least two years of appropriate teaching/work experience [prerequisite(s)].

EDUC-5428 (3) Teaching Newcomers in Canada (3 hrs Lecture) This course provides teachers with an awareness of the issues concerning newcomer children and youth. Teachers who work in multi-ethic cities must learn how to meet the unique needs of newcomer students and how to work effectively in partnership with families and the community. The course content examines the state of the world's children, global citizenship, and newcomer children's connections to Canadian classrooms. Providing psychosocial and emotional support to children and youth who come from diverse backgrounds is one of the concerns addressed.

EDUC-5429 (3) Education for Peace and Sustainable Development (3 hrs Lecture | 27 hrs Seminar/Discussion) Peace and security are fundamental to human dignity and development. The sustainable development of any culture is always endangered by insecurity and conflict. Human tragedies result in overwhelmed health-care systems; the destruction of homes, schools, and communities; and increased numbers of displaced people and refugees. Education for sustainable development plays a key role in promoting values for peace. Theories and practical examples of global education, peace education, capacity-building education, and social justice are explored, and literature linking peace education and sustainability is examined.

EDUC-5430 (3) Sex and Health Education (3 hrs Lecture | Seminar/Discussion) This course provides a comprehensive overview of the potentially sensitive outcomes of the Physical Education and Health Curriculum and how this pertains to the school counselor. The course provides an overview of the importance of personal and social management, health lifestyle practices, and personal safety for all students. In addition, students learn how mind and body are connected to promote lifelong healthy living.

EDUC-5431 (3) Mental Health Promotion in Schools (3 hrs Lecture) Teachers are often the first people who suspect mental illness in children. They work with children living with mental illness on a day-to-day basis. School-wide mental-health promotion requires an understanding of a whole-school-based response for nurturing mental health and resiliency for students and the school community. Issues related to physical and mental well-being, emotional literacy, and resilience are examined from a developmental perspective (early years, middle years, and senior years). This course promotes mental health, reduces the stigma associated with mental illness, and incorporates prevention and early intervention strategies in child and adolescent mental health.

EDUC-5432 (3) Crisis and Trauma in Learning Environments (3 hrs Lecture) This course introduces students to approaches and assessment techniques relevant to effective crisis and trauma work with early-, middle-, and senior-years students. Topics include strategies for prevention, intervention, and postvention; Western-based trauma discourse and counter-discourse; gender, colonization, and trauma; suicidal crisis; crisis related to body image, fat prejudice, and eating difficulty; anti-violence resistance and community building; "belonging" students; and self-care.

EDUC-5440 (3) Inclusive Education 1 (3 hrs Lecture | Seminar/Discussion) This course presents as overview of educational theories, assessment procedures, delivery systems, and adaptive programming practices designed to serve students with special needs. Topics to be addressed include foundation definitions, history of inclusive education, neuro-developmental disorders, etiologies, learning disability, attention deficit/hyperactivity disorder, enrichment, individualized programming, and classroom strategies to promote student success. The intent is to make the learning of the principles of inclusion meaningful by relating them to their application.

EDUC-5441 (3) Inclusive Education 2 (3 hrs Lecture) This course provides a more in-depth look at some of the topics covered in Inclusive Education 1. Specifically, assessment, service delivery, adaptations, and individualized educational and behavioral programming are explored. As well, emphasis is placed on examining practical strategies for meeting the needs of at-risk children and youth, establishing mentorship programs, and introducing enrichment activities in the regular classroom. Models, history, current issues and strategies in providing supports, accommodations, and differentiated curriculum in inclusive environments are explored.
Requisite Courses: EDUC-5440 or EDUC-5001 [prerequisite(s)].

EDUC-5442 (3) Working With Exceptional Children 1 (3 hrs Lecture | Seminar/Discussion) This course offers an overview of exceptional children within the school setting. The intent is to focus on the extensive field of special education in Manitoba, to examine programming for students with special needs, and to consider the causes, characteristics, and implications of specific exceptionalities. School issues are examined through multiple lenses. Specifically, this course reviews recent scholarship and research into students with exceptionalities, drawn from the fields of psychology, sociology and education. Additionally, the course focuses on constantly changing demographics in the schools and

the requirement for educators to reflect upon the meaning of global citizenship.
Requisite Courses: EDUC-5440 and EDUC-5441 or EDUC-5001 [prerequisite(s)].

EDUC-5443 (3) Working With Exceptional Children 2 (3 hrs Lecture | Seminar/Discussion) This course builds on the knowledge from Exceptional Children 1. It emphasizes an inclusive philosophy with consideration of how to meet the needs of all students. It focuses on teaming, planning, and intervention for more significant special needs, including cognitive, behavioral, and physical and sensory disabilities and disorders. Students concentrate on strategies that apply directly to their own school situations while learning from the varied experiences of their colleagues.
Requisite Courses: EDUC-5440, EDUC-5441 and EDUC-5442 or EDUC-5001 (Inclusive Educ. 1) and EDUC-5001 (Inclusive Educ. 2) and EDUC-5442 [prerequisite(s)].

EDUC-5444 (3) Engaging Reluctant Learners (3 hrs Lecture | Seminar/Discussion) Designed primarily for in-the-trenches teachers of unengaged students, the purpose of this course is to help educators move from inflexible, deficit-based, linear approaches so often used with disenfranchised children and youth toward more adaptive, malleable, strength-based programming. The emphasis throughout is on using the connect-clarify-restore approach for relationship building as a basis for developing practical alternative programs for troubled and troubling young people. An example of some made-in-Manitoba initiatives (e.g. The Infinity Program, Lost Prizes) shows that one size definitely does not fit all.
Requisite Courses: EDUC-5440 and EDUC-5441 [prerequisite(s)].

EDUC-5445 (3) Educational Assessment (3 hrs Lecture | Seminar/Discussion) This course reviews current theories and applications of both formative and summative assessment practices for students in the inclusive classroom. Students explore standardized, normed, and criterion-referenced assessments and the interpretation of specific programming for identified students. This course gives students the opportunity to work with strategies and provides direction in working collaboratively with administrators, classroom teachers, students, parents and auxiliary professional personnel.
Requisite Courses: EDUC-5440 and EDUC-5441 or EDUC-5001 [prerequisite(s)].

EDUC-5446 (3) Poverty and Potential (3 hrs Lecture | Seminar/Discussion) This course introduces students to issues in low-socioeconomics communities. Issues include student transitions, summer learning loss, tiered pedagogy, teacher effect, cultural disconnect, and the impact of family and environmental factors. Frameworks to conceptualize ways that support high-risk students are introduced in addition to practical, effective, and research-based strategies for supporting students. The course uses hands-on and interactive learning methods.
Requisite Courses: EDUC-5440 and EDUC-5441 or EDUC-5001 [prerequisite(s)].

EDUC-5447 (3) Sex, Gender and Diversity (3 hrs Lecture | Seminar/Discussion) This course covers the spectrum of concerns facing educators in the effort to make their schools, classrooms and counseling services inclusive of sexual and gender minority students and others who are affected by a homophobic school climate: lesbian, gay, bisexual, transgender, Two Spirit, and questioning (LGBTQ) students; students with LGBTQ parents; and others who are targeted or distressed by homophobia. Educators are introduced to a large range of print, web, and video resources from scholarly, professional, and community sources, including research reports, curriculum materials, Gay Straight Alliance materials, and community services.

EDUC-5448 (3) Programming for Aboriginal Students (3 hrs Lecture) This course examines Aboriginal Education in Manitoba public schools, with a particular focus on incorporating Aboriginal perspectives in curriculum as mandated by the Manitoba Department of Education. This course begins with an examination of historical experiences and contemporary realities of Aboriginal peoples in Canada and builds upon that understanding in the exploration of practical strategies, programs, and a curriculum appropriate for Aboriginal students.

EDUC-5449 (3) Bullying and School Violence (3 hrs Lecture | Seminar/Discussion) This course is organized around the social-ecological framework that looks at violence as existing within both a personal and an ecological context. The latter term, introduced by Bronfenbrenner, refers to the interaction of persons and social structures existing at several levels: family and primary social networks and intermediate social ecologies, such as schools and communities, as well as cultural and community contexts.

EDUC-5450 (3) Risk and Resilience (3 hrs Lecture | Seminar/Discussion) This course examines the characteristics and issues facing vulnerable children and youth, particularly those children called "at risk". This course seeks to emphasize strengths that might compensate for weaknesses, health instead of illness, normality instead of pathology, and hopefulness instead of professional cynicism. This population of youth is particularly threatening to untrained adults who are regularly lured in counter-aggressive or avoidant behavior. It is important that adults who work with these youth with unmet needs are able to provide corrective responses.

EDUC-5451 (3) Teachers and the Law (3 hrs Lecture | Seminar/Discussion) Legislation is examined with a special emphasis on inclusion and the provision of education to students with exceptional leaning needs: (1) federal law; the constitution Act, Charter of Rights and Freedoms, (2) Manitoba Law; the Public Schools Act, Education Administration ACt, Personal Health Information Act, Freedom of Information and Protection of Privacy Act, Child and Family Services Act, Human Rights and (3) Manitoba regulations and standards for appropriate educational programming. Manitoba Education and Advanced Learning, interdepartmental protocols, school division policy, and case law are included to provide participants with a

current and comprehensive overview of the legal requirements for teachers.

EDUC-5452 (3) Leadership in Inclusive Education (3 hrs Lecture | Seminar/Discussion) This course presents an overview of the theories and practices regarding the development and maintenance of positive school climate and how positive climate can support the inclusive teaching and learning process. The impact of principal and teacher leadership on the collaborative and creative process within the school is examined. In addition, the concept of creativity, as it applies to inclusive teaching and learning in the K-12 Canadian classroom, is explored with an introductory focus on educators' beliefs and knowledge that foster creativity in the classroom.

ENGLISH

ENGL-1000 (3) English 1A (3 hrs Lecture) This course offers an introduction to university-level literary study, including the reading of creative literature (poetry, fiction, or drama); the theory and practice of literary criticism; the role of historical and cultural factors influencing literary texts; and research skills. Students' writing also receives significant attention. Because each section is different, students should consult the current section descriptions on the English Department website.
Note: Students taking this course plus 3 other credit hours of First-Year (1000-level) English will meet the prerequisite for most Upper-Year English courses. No more than 6 credit hours of First-Year English may count toward a major in English.
Restrictions: Students may not hold credit for this course and ENGL-1001 | ENGL-1111 | ENGL-1201_6.

ENGL-1001 (6) English 1 (3 hrs Lecture) This course offers a full introduction to university-level literary study, including the reading of creative literature (poetry, fiction, or drama); the theory and practice of literary criticism; the role of historical and cultural factors influencing literary texts; and research skills. Students' writing also receives significant attention. Because each section is different, students should consult the current descriptions of individual sections available on the English Department website.
Note: This course satisfies the prerequisite for most Upper-Year English courses. No more than 6 credit hours of First-Year English may count toward a major in English. Students may not hold credit for this course and ENGL-1000 | ENGL-1003 | ENGL-1111 | ENGL-1201 | ENGL-1202 | ENGL-1203
Restrictions: Students may not hold credit for this course and ENGL-1000 | ENGL-1111 | ENGL-1201_6.

ENGL-1003 (3) Introduction to English: Topics in Literature (3 hrs Lecture) This course introduces students to a variety of creative literature (poetry, drama, and/or fiction) through the lens of a particular theme, genre, nationality or period. Each section is a uniquely designed introduction to university-level literary study. Because each section is different, students should consult the current descriptions of individual sections available on the English Department website.
Note: To meet the prerequisite for Upper-Year English, students taking this course should also take ENGL-1000(3). Students may not hold credit for this course and ENGL-1001 | ENGL-1111 | ENGL-1201 | ENGL1202 | ENGL-1203 | LING-1200
Restrictions: Students may not hold credit for this course and LING-1200.

ENGL-1004 (3) Introduction to English: Reading Culture (3 hrs Lecture) This course explores the role that culture, as a set of practices encompassing a range of texts, events, experiences, and social institutions, plays in everyday lives. Students interpret cultural forms and practices such as written texts, film, television, visual and performance art, music, and electronic media - and the institutions that shape them. May be of special interest to students who plan on pursuing further work in Cultural Studies.
Note: To meet the prerequisite for Upper-Year English, students taking this course should also take ENGL-1000(3).

ENGL-1005 (3) Introduction to English: Reading to Write (3 hrs Lecture) This course introduces students to university-level literary study. Students read a variety of creative literature (poetry, drama, fiction, and creative non-fiction) from a writerly perspective, to explore and analyse writers' techniques, and to gain a broader understanding of the art and craft of writing. Topics may include poetic structure, dramatic action, narrative strategies, organizational principles, imagery, setting, characterization, and voice. This course may be of special interest to students who plan to take Creative Writing courses at the 2000 level.

ENGL-2002 (3) The Creative Process (3 hrs Lecture) This course addresses the complex processes involved in the creation of a literary text from initial inspiration to publication. Students' reading of fiction and poetry is supplemented with lectures based on documented evidence of the authors' own approaches to the craft of writing (including literary essays, interviews, drafts, letters, and/or occasional live appearances, when possible). The course examines the habits, beliefs, influences, and intellectual reasoning behind the decisions writers make while composing and revising their drafts. We also study the effects of those decisions. The reading list may vary from year to year, while maintaining the goals of gender balance and an emphasis on literature of the twentieth and twenty-first centuries.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2003 (6) The Field of Children's Literature (3 hrs Lecture) An introduction to the study of children's literature, this course explores the characteristics of this form of literature, unusually named for its readers rather than its producers. We study various strategies for reading young people's texts; cultural assumptions about children and childhood; trends in educational theory and practice; the economic and political contexts of the production, consumption, and marketing of texts for young people; and popular culture and media for young people. Texts from a range of genres, such as poetry, picture books, novels, blogs, and films, are considered.
Note: Students may not hold credit for this course and the former ENGL-2003(3)
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2004 (6) A History of Children's Literature (3 hrs Lecture) This course covers the history of children's literature from Sumerian clay 'readers' to the present day, with a focus on texts published before the mid-twentieth century. Topics include the shift of myths, fairy tales, and fables from oral to literary tradition; literary forms associated specifically with children, such as nursery rhymes and fantasy; the development of early picture

books featuring woodcuts; and increased commodification of picture books that came with the advent of lithography. Students study the nineteenth- and twentieth-century rise of children as consumers, and changing notions of childhood such as the development of the concept of childhood innocence.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2102 (3) Introduction to Creative Writing: Developing a Portfolio (3 hrs Lecture) In this course, students concentrate on developing a portfolio of creative writing, including both poetry and short fiction. The course introduces students to strategies for writing in both genres and to the discipline involved in seeing a project through several drafts to its final stages. Emphasis is placed on the skills involved in self-editing and the professional preparation and submission of manuscripts suitable for a portfolio.
Note: This course is recommended for students who plan to enroll in further creative writing courses at the undergraduate level.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2113 (6) Picture Books for Children (3 hrs Lecture) This course explores picture book elements, industries, and modes of reception and interpretation, involving strategies such as small-group discussions, presentations, oral and written forms of analysis, and the making of picture books. Of particular interest is our exploration of experimental and innovative picture book forms and their contribution to changing concepts of the child, childhood and children's culture. This course may incorporate experiential, community-based and service-learning components.
Note: Students may not hold credit for this course and the former ENGL-2113 (3)
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2114 (6) Fairy Tales, Fantasy, and Culture (3 hrs Lecture) This course examines fairy tales from their origins in myth and folklore to their uses in contemporary culture. Students explore the major themes and characteristics of traditional tales, such as those collected by Charles Perrault and the Grimms and written by Hans Christian Andersen and Oscar Wilde. They then consider the function of fairy tales in contemporary society (in, for example, the social texts of weddings and proms) and study narratives influenced by fairy tales, particularly narratives directed to audiences of young people. Topics might include second-world fantasy; narrative revisions of fairy tales; Disney's animations of fairy tales; or contemporary narrative films using fairy-tale motifs.
Note: Students may not hold credit for this course and the former ENGL-2114(3).
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2142 (6) Field of Literary and Textual Studies (3 hrs Seminar/Discussion) This course offers an in-depth introduction to, and practice in the skills of, literary and textual studies. Students explore the histories of literary and textual studies, including literary criticism and critical theories. They practice the skills of close reading and textual analysis, reading through the lenses of critical theories, researching, assembling bibliographies, and analyzing literary and cultural scholarship. Formats include oral presentation, seminar discussion, and formal, written, textual analysis.
Note: Written permission of the Honours Chair or designate is required. This course is compulsory for students entering the Honours program, open to students in the 4-year BA, and best taken soon after first-year English.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and permission of the Honours Chair or designate [prerequisite(s)].

ENGL-2145 (6) Field of Cultural Studies (3 hrs Lecture) This course introduces students to the key concepts that underpin the field of cultural studies. The course includes readings in theory and criticism and the study of cultural forms and practices, such as written texts, film, television, visual and performance art, music, print and electronic media, as well as the institutions that shape them. Since cultural studies is overwhelmingly interdisciplinary, the course also offers instruction in research methods, interpretive strategies, and writing. Issues covered may include subcultures, urbanism, nationalism, ethnicity, postcolonialism, globalization, sexuality, and gender.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2146 (6) Screen Studies (3 hrs Lecture) This course offers an in-depth introduction to screen studies, a field that encompasses not simply cinema and television, but also considers other forms of moving image production and distribution: from artists' video and the expanded screens of the art gallery to apps, videogames and other contemporary online audio- visual formats. The course draws on concepts from cultural studies, film theory, television studies, media archaeology, and technology studies in order to examine the aesthetic, social, cultural, industrial, and political dimensions of the screen image.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2180 (6) Popular Literature and Film (3 hrs Lecture) This course focuses on popular cultural forms and genres, and also the very idea of "the popular" itself, in literature, film, and other media (tv, web). Depending on the year, the course may introduce students to types of popular literature and film from different historical periods and locations, or it may focus on one particular area, nation, theme, or genre (romance; horror, detection; fantasy; the western). Students explore central terminologies, concepts, and theories in the study of popular literature and film and develop their understandings of cultural studies and film studies in relation to literary studies.
Requisite Courses: 6 credit hours of First-Year English,

including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2185 (3) Literary Communities (3 hrs Lecture) Literary communities provide significant contexts for the writing and study of literature. This course explores the literary works, interrelated biographies, and historical/cultural contexts of communities of writers. This approach provides an alternative framework of study to those focusing on individual authors, literary periods, or genres. Possible literary communities for study in different offerings of this course might include the Bloomsbury Group, the Lake Poets, the Inklings, the expatriate American in Paris, the Beat Poets, and the Kootenay School of Writing.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2202 (3) Literature of the Sixteenth Century (3 hrs Lecture) This course is a study of representative writers of the sixteenth century with emphasis upon the major poets, dramatists, and prose writers of the period.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2203 (3) Literature of the Seventeenth Century (3 hrs Lecture) This course is a study of representative writers (to 1660), with emphasis upon the major poets, dramatists, and prose writers of the period.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2220 (3) English Literatures and Cultures 700-1660 (3 hrs Lecture) This course addresses the history of literature of England from the 8th century until the Restoration in 1660. The course may comprise an overall survey and/or an exploration of significant literary and cultural moments, movements or topics across this time frame. Reading in the poetry, drama, and prose of the Old and Middle English, Tudor, Elizabethan, and Jacobean periods may be combined with selected theoretical and critical texts from each literary period, to demonstrate changing views about the production, reception, and role of literature in society.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2221 (6) The Age of Chaucer (3 hrs Lecture) This course examines a selection of medieval poetry and drama with emphasis upon Chaucer's *Canterbury Tales*. Other works studied include *Sir Gawain and the Green Knight*, *Pearl*, and selected Middle English lyrics and plays. Attention will also be given to the Middle English language and relevant philosophical and theological sources.
Restrictions: Students may not hold credit for this course and ENGL-2301 | ENGL-4242 | ENGL-4302.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2230 (3) British Literatures and Cultures 1660-1901 (3 hrs Lecture) This course addresses the history of British literature from 1660 through the Restoration, Eighteenth-Century, Romantic, and Victorian periods to the beginning of the 20th century. The course may comprise an overall survey and/or exploration of significant literary and cultural moments, movements or topics across the time frame. While British literature is the focus, there may also be consideration of transnational and transcultural issues such as trans-Atlantic literatures. Readings in poetry, drama, fiction, and other prose from each literary period demonstrate changing views about the production, reception, and role of literature in society.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2311 (6) Shakespeare (3 hrs Lecture) By examining critically a number of plays, this course traces Shakespeare's career as a dramatist. Students will read representative histories, comedies, tragedies and romances.
Restrictions: Students may not hold credit for this course and ENGL-2231 | ENGL-4311.
Requisite Courses: 6 credit hours of First-Year English [prerequisite(s)].

ENGL-2401 (6) Tragedy and Comedy in Drama (3 hrs Lecture) This course investigates some of the changing concepts of tragedy and comedy in British and other European drama from the Greek playwrights to Ibsen. The major emphasis of the course will be on the study of plays. Attention will also be given to classical and modern critical theorists.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2601 (6) The Novel (3 hrs Lecture) This course will vary in emphasis from year to year. It may consist of an historical overview of the national or international development of prose fiction over several centuries, or it may focus on a major fictional mode (such as 'realism,' for example), or it may concentrate on the formal aspects of the genre. The particular focus will be announced prior to registration. For further details, consult the Department of English website.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2603 (3) Short Fiction (3 hrs Lecture) This course considers the short story both in its nineteenth century and contemporary forms. Short fiction in different English-speaking cultures, principally in England, the United States, and Canada, will be discussed.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2604 (3) Poetry and Poetic Form (3 hrs Lecture) This course introduces students to various features and forms of poetic discourse. While historical context informs lectures and class discussion, the course focuses on the figural elements of poetry (such as rhythm and rhyme, diction and tone, metaphor and allegory). By engaging in thorough discussions and varied writing assignments, students learn to become more appreciative, critical readers of poetry, and in the process expand the possibilities of their own writing.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2612 (3) Science Fiction (3 hrs Lecture) This course explores the literature identified as 'science fiction' in an attempt to define its characteristics and evaluate its strengths and weaknesses. While the texts include some Utopian and satiric fantasies of earlier centuries, the course concentrates on science fiction since H.G. Wells.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2613 (3) Fantasy Fiction (3 hrs Lecture) This course analyzes literary works within the fantasy genre in light of contemporary psychoanalytic, feminist, and/or other cultural theories. While the course considers the history of the genre and the "fantastic" as a literary mode, the course concentrates on contemporary fantasy fiction from J.R.R. Tolkien to the present. Particular emphasis is placed on the poetics and politics of "world-building" in fantasy texts, a term that refers to the production of a vast and complex imaginary world whose historical, geographical, ontological, and cultural realities substantially differ from the world(s) inhabited by fantasy's various readerships.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2703 (3) Play Analysis (3 hrs Lecture) This is a practical course for actors, directors, and designers in the analysis of plays in rehearsal and pre-rehearsal situations. A variety of interpretive strategies are developed in approaching the problems of form, character, and theme in plays of different styles and periods. The emphasis is on Stanislavsky-derived techniques.
Note: This course is strongly recommended for all theatre students in the Honours or the General program.
Cross-listed: THFM-2703(3).
Restrictions: Students may not hold credit for this course and THFM-2703.
Requisite Courses: THFM-1001 or THFM-1002 or 6 credit hours in first-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2710 (3) Literature in Translation (3 hrs Lecture) This course focuses on modern non-English literary texts in English translation. Readings may be organized around a genre such as the novel; a critical approach such as post-colonialism or cultural studies; a period such as Romanticism; or specific literary traditions in languages such as French, German, Spanish, and Italian. Students should consult the Department of Modern Languages and Literatures for a description of the current offering. This course may be repeated for credit when the topic varies.
Cross-listed: MOD-2710(3), SPAN-2710(3), SPAN-3710(3).
Restrictions: Students may not hold credit for this course and MOD-2710 | SPAN-2710 | SPAN-3710.
Requisite Courses: SPAN-2180(3) or FREN-2180(3) or GERM-2209(3) or 6 credit hours of First-Year English including ENGL-1001(6) or ENGL-1003(3) [prerequisite(s)].

ENGL-2722 (6) Postcolonial Literatures and Cultures (3 hrs Lecture) This course introduces students to postcolonial literatures and cultures. "Postcolonialism" is a critical term used to describe the various social, linguistic, cultural, economic, and political relationships that have existed between imperial powers and the areas they colonized. Key critical concepts in postcolonial studies such as abrogation, hybridity, and transculturation are studied through a close reading and historical, political, and cultural contextualization of literary and other cultural works. Topics may include, but are not limited to, resistance, transformation, diaspora, globalization, and ecological imperialism.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2802 (3) Syntax (3 hrs Lecture) Syntax is the study of the arrangement of words into groups, clauses and sentences. In this course students use morphological, syntactic, semantic, and lexical criteria to define traditional parts of speech, in order to understand how these combine to form a variety of clauses and sentences types. Form, function, class and structure are introduced from the perspective of systemic functional and communication linguistics. These descriptive frameworks are contrasted with transformational generative models and others.
Cross-listed: ANTH-2403(3) and LING-2003(3).
Restrictions: Students may not hold credit for this course and ANTH-2403 | LING-2003.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2803 (3) Phonetics and Phonology (3 hrs Lecture) This course describes all English consonant and vowel sounds in terms of place and manner of articulation. It also identifies how sounds are organized into syllables and words by studying the concepts of phonemes, allophones and phonological rules. Although the course focuses on English phonology, it also draws heavily on other languages to illustrate the key concepts. Students will be required to master characters and diacritics from the International Phonetic Alphabet.
Cross-listed: ANTH-2401(3) and LING-2001(3).
Restrictions: Students may not hold credit for this course and ANTH-2401 | LING-2001.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) or permission of the Department Chair [prerequisite(s)].

ENGL-2804 (3) Language and Culture (3 hrs Lecture) The course examines how language encodes cultural dialects from different regions and time periods within various social and cultural contexts. Selected British, American, and Canadian dialects are studied from specific historical and contemporary periods. Social factors such as age, gender, ethnicity, class, socio-economic, educational, political, and religious factors are considered from a sociolinguistic perspective. The course also examines language and dialects related to various registers, such as student-teacher classroom exchange, job interviews, work talk, and casual conversation. To examine the differences in these registers, functional and systemic perspectives of communication linguistics are

introduced.
Cross-listed: ANTH-2406(3) and LING-2101(3).
Restrictions: Students may not hold credit for this course and ANTH-2406 | LING-2101.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) or permission of the Department Chair [prerequisite(s)].

ENGL-2805 (3) Morphology (3 hrs Lecture) This course introduces students to the concepts and methods of word analysis. Students investigate the nature of morphemes (smallest units of meaning), their different types and functions, and the different ways they are organized into words. The course explores the process of word formation through derivation and compounding as well as grammatical uses of inflectional morphemes. Based largely in English, both lectures and exercises also draw on various other languages to highlight key morphological features and constructs.
Cross-listed: ANTH-2405(3) and LING-2002(3).
Restrictions: Students may not hold credit for this course and ANTH-2402 | LING-2002.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) or permission of the Department Chair [prerequisite(s)].

ENGL-2806 (3) Semantics: Philosophical Foundations (3 hrs Lecture) Semantics is the branch of linguistics concerned with how we construct meaning using language. It is arguably the most diverse branch, situated between the highly formalizable "inner layers" of phonology, morphology and syntax and the fuzzier "outer layer" of pragmatics. Key ideas covered in the course include: the difference between sense and reference, the application of basic rules in formal logic, prototype theory, componential analysis, and cognitive semantics; how to identify thematic roles in sentences; the functions of noun classifiers, deictics, and adpositions in different languages; and, the nature of metaphors, metonyms and image schemas.
Restrictions: Students may not hold credit for this course and ANTH-2405 | LING-2004 | PHIL-2374.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) or permission of the Department Chair [prerequisite(s)].

ENGL-2922 (3) Topics in Women Writers (3 hrs Lecture) This course focuses on a topic in the field of women writers which varies from year to year. The topic area may be defined by genre; historical period; literary and cultural movement; or local, national, or global communities. Students should consult the English Department Handbook for information about specific iterations of the course. This course may be repeated once when the topic varies.
Cross-listed: WGS-2922(3).
Restrictions: Students may not hold credit for this course and WGS-2922.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2933 (6) Survey of Women Writers (3 hrs Lecture) This course offers a select survey of women writers, theorizing about women, and feminist theory from the Middles Ages to the present. Lectures and discussion offer historical, aesthetic, social, theoretical, and literary contexts in which to consider women as subjects, writers, and readers and to consider the material conditions of women at different points in history and in different cultural contexts. The course also consider women in relation to various literary, political, and cultural movements, which may include, but not necessarily limited to, Neoclassicism, Romanticism, Victorianism, Feminism, Decadence, Modernism, Postmodernism, Globalization and Postcolonialism.
Cross-listed: WGS-2933(3).
Restrictions: Students may not hold credit for this course and ENGL-2902 | ENGL-2912 | WGS-2933.
Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001 or ENGL-1000 [prerequisite(s)].

ENGL-3101 (6) Creative Writing Comprehensive (3 hrs Lecture) This course focuses on the fundamentals of writing poetry and short fiction. Students engage in workshops and discussion about the art and craft of writing. The readings and assignments are designed to develop skills in creating and editing both fiction and poetry.
Note: Interested students should submit a ten-page portfolio of their writing, including at least FOUR pages of prose and TWO of poetry, to the English Department well before registration. Enrolment is limited.
Restrictions: Instructor Permission Required.
Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3), and ENGL-2102(3) and written permission of the instructor [prerequisite(s)]; ENGL-2002 (must be taken previously or at the same time as this course).

ENGL-3102 (1) Creative Writing Field Research (Variable Meeting Hours) This course gives students the opportunity to work in groups with a professional writer for a short period and to engage in off-campus research as inspiration for creative writing projects. Each section takes a unique approach to specific aspects of writing; some sections may be offered entirely off campus.
Note: Interested students should submit a portfolio (five pages of their own writing in any genre) to the English Department well before registration. Please note that this course is one credit hour only and is graded on a Pass/Fail basis. This course may be repeated for credit when the topic varies.
Restrictions: Department Permission Required.
Requisite Courses: 12 credit hours in English and permission of the Department Chair [prerequisite(s)].

ENGL-3112 (6) Advanced Creative Writing (3 hrs Lecture) This course provides further training in the writing of fiction or poetry for students who have successfully completed ENGL-3101(6) and who submit an appropriate portfolio. Student writing is discussed in workshops and individual conferences, and a major project must be completed. Enrolment is limited.
Note: Interested students should submit a portfolio of their writing to the Assistant, Department of English, by May 15. Each portfolio must consist of TEN pages of writing, including at least FOUR pages of prose. Students missing the deadline should consult with the instructor as soon as

possible.
Restrictions: Instructor Permission Required.
Requisite Courses: ENGL-3101 and permission of the instructor [prerequisite(s)].

ENGL-3113 (3) Writing Short Fiction (3 hrs Lecture) This course is designed for students who wish to concentrate on the craft of writing fiction, with a focus on the short story. Topics include characterization, dialogue, narrative structure and various elements of style.
Note: Interested students should submit a five-page portfolio of their own fiction to the Department of English well before registration.
Restrictions: Instructor Permission Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and permission of the instructor [prerequisite(s)].

ENGL-3114 (3) Writing Poems (3 hrs Lecture) This course is designed for students who wish to concentrate on the craft of writing poetry. Topics include metre, rhythm, lineation, imagery and various elements of poetic language.
Note: Interested students should submit a five-page portfolio of their own poetry to the Department of English well before registration.
Restrictions: Instructor Permission Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and permission of the instructor [prerequisite(s)].

ENGL-3115 (3) Writing for Children (3 hrs Lecture) This course allows students to explore and practice various forms of writing for children. Students read both successful classics and unconventional works that may question strict definitions of "children's" literature. In any given offering of the course, the instructor might focus on picture books, fiction for young adults, or other forms. Please consult the English Department website for a current course description.
Note: Interested students should submit a five-page portfolio of their own writing (any genre) to the Department of English well before registration.
Restrictions: Instructor Permission Required.
Requisite Courses: ENGL-2102 [prerequisite(s)].

ENGL-3116 (3) Topics in Creative Writing (3 hrs Lecture) This course explores a particular approach to creative writing or a specialized topic in the field of creative writing. The content varies from year to year. The course may focus on a specific genre (e.g., memoir, mystery, or science fiction); an issue of identity (e.g., region, sexuality, or ethnicity); or other topic (e.g., experimental writing; editing; chapbook publishing; or traditions in story-telling). Please consult the English Department website for a detailed course description in any given year. This course may be repeated once when the topic varies.
Restrictions: Instructor Permission Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and permission of the instructor [prerequisite(s)].

ENGL-3117 (3) Poetry for Young People (3 hrs Lecture) This course explores poetry and poetic forms written for young people. In any given offering of the course, the poetry studied might have an historical dimension, or the course may focus exclusively on contemporary poetry or poetic forms from one or more regions. Attention is paid to the role that ideological figurations of the child, childhood, or adolescence play in poetic constructions of youth and young readers. Poetic forms studied may include, but are not limited to, nursery rhymes, nonsense verse, slam poetry, hip-hop, rap, dub poetry, novels in verse, plays in verse, and poetry written by young people.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3118 (3) Topics in Fiction for Young People (3 hrs Lecture) This course examines varieties of narratives produced for children and adolescents from the end of the 19th century to the present. Students explore narrative structures and strategies, as well as theories of children's literature. Topics may include regional literature; global fiction in English for young people; canonical texts and texts that resist mainstream cultures; writing by young people; the forms, production, and reception of narrative; girls' books and boys' books; fantasy; and coming-of-age narratives. This course may be repeated once when the topic varies.
Restrictions: Students may not hold credit for this course and ENGL-2115.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and 3 credit hours of study in Young People's Texts and Cultures at the 2000 level [prerequisite(s)].

ENGL-3119 (3) Canadian Children's Literatures and Cultures (3 hrs Lecture) This course investigates children's texts in Canada in order to examine various ideologies of Canadian childhood(s). Topics considered may include multiculturalism and its discontents; historical texts and the production of history; nationhood and border anxieties; the performance of gender and sexual identities; and territory, the land, and dis/possession.
Restrictions: Students may not hold credit for this course and ENGL-2116.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and 3 credit hours in Young People's Texts and Cultures at the 2000 level [prerequisite(s)].

ENGL-3120 (6) Practicum in Literature, Literacy and Language (3 hrs Lecture) Students arrange volunteer work placements with organizations that support literature, literacy, and language development in Manitoba. First, students identify areas of interest, explore the theory and implications of the proposed work, and design the terms of their commitment and accountability within their chosen settings. Then they work at the placement and participate in the seminar so that they may reflect upon and represent their practicum work.
Requisite Courses: 6 credit hours in English at the 2000 level or above [prerequisite(s)].

ENGL-3122 (3) Special Studies I (3 hrs Lecture) Students interested in advanced study in a specific area should consult the professor with whom they propose to

work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way, and only where the course proposal follows departmental guidelines and receives approval from the Departmental Curriculum Committee and the Department Chair.
Restrictions: Department Permission Required.

ENGL-3131 (6) Special Studies II (3 hrs Lecture) Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way, and only where the course proposal follows departmental guidelines and receives approval from the Departmental Curriculum Committee and the Department Chair.
Restrictions: Department Permission Required.

ENGL-3151 (6) Critical Theory: An Introduction (3 hrs Lecture) This course examines current theoretical debates in the fields of literary and cultural studies. Students read a range of selected texts in critical theory, from among Marxism, semiotics, psychoanalysis, reader response, post-structuralism, deconstruction, feminism, queer theory, critical race theory, postmodernism, and post colonialism. Although we may read literary and/or other cultural texts, the focus is on theory.
Restrictions: Students may not hold credit for this course and ENGL-2151.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3160 (3) Topics in Young People's Cultural and Literary Texts (3 hrs Lecture) This course explores a group of literary, media, or cultural texts for, by and/or about young people that is different in focus from courses in children's literature offered at the 2000 level. Possible topics include girls' books, uses of myth, Indigenous children's texts, teen media texts, gaming and narrative theory, and narratives by and about child soldiers. Consult the English Department website for a description of the course being offered in any given semester. This course may be repeated once when the topic varies.
Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3169 (3) Films for Young People (3 hrs Lecture | 3 hrs Lab) This course explores narrative films for young people, arguably the principal form through which contemporary North American young people encounter narrative. As well as looking at the history of the Hollywood system as this pertains to films for children and adolescents, we also look at the films for and about young people produced by international and independent filmmakers. Some attention is paid to developing strategies and a vocabulary for reading film.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and 3 credit hours of study in Young People's Texts and Cultures at the 2000 level [prerequisite(s)].

ENGL-3180 (3 or 6) Making Peace and War in Literature and Culture (3 hrs Lecture) This course examines traditional and non-traditional literary and cultural representations of peace and conflict. It raises practical and theoretical questions about representations of violence, death, justice, and hope in relation to gender, ethnicity, nation, culture, creative identities, colonialism, imperialism, memory, and mythology. Throughout, the course explores the potential of the university as a site of peace making.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3190 (6) Literature and Film (3 hrs Lecture) This course examines how novels, plays, short stories and historical narratives are associated with and/or adapted to screenplays and films. Attention is given to narrative theory and practices, elements and principles of story design, screenplay as literary genre, the art of adaptation, and interdisciplinary creative processes. Works to be studied range from British and American classics, such as *The Scarlet Letter* and *Portrait of a Lady*, to recent Canadian and international feature films, such as *The English Patient* and *A History of Violence*.
Requisite Courses: 6 credit hours of First Year English [prerequisite(s)].

ENGL-3209 (3 or 6) Eighteenth-Century Studies Culture (3 hrs Lecture) This course examines Restoration and eighteenth-century British literature, with a consistent attempt to contextualize it within contemporary political, economic, social, and intellectual life. Relevant contexts include the appearance and development of party-system politics: the growth of commercial capitalism, urbanization, and sociability; ongoing debates over the status of women, religious minorities, colonial rule, and the institution of slavery; and the impact on literary culture of an emergent mass reading public. In response to continuing challenges to the established canon of Restoration and eighteenth-century literature, the course may include works once considered representative, as well as works by lesser known writers.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3210 (6) Romantic Literature and Culture (3 hrs Lecture) This course introduces students to English literature and culture of the Romantic period (1789-1832). The course not only considers Romanticism as a complex response to a shared set of literary and philosophical anxieties, but also focuses on the interplay between the socio-political concerns of the Romantic period and the literature that the period produced. Touching on topics as contentious as the French Revolution, women's rights, and the slave trade, the course examines the ways in which issues of nationality, race, and gender shaped the work of many of the most influential men and women writers of the day.
Restrictions: Students may not hold credit for this course and ENGL-2211.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3211 (6) Victorian and Edwardian Literature (3

hrs Lecture) This course examines the formations and transformations in British culture between the 1830s and World War I through an exploration of literary texts, cultural artifacts, and social documents. In any year, the course is organized around several specific themes, such as Empire, the domestic ideal, detection and surveillance, the cult of the child, or aestheticism; and several specific methodologies, such as cultural studies, gender and sexuality studies, narrative theory, or Marxist theory. Although this course draws on a wide range of non-canonical material, writers whose works we consider include Charlotte Brontë, George Eliot, Charles Dickens, Tennyson, the Brownings, Oscar Wilde, and Thomas Hardy.
Restrictions: Students may not hold credit for this course and ENGL-4281 | ENGL-4511.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3222 (6) Modernism (3 hrs Lecture) This course studies the literature and culture of the modernist period, from approximately 1910 to 1945, and examines the characteristics and contexts of the period itself. Students study fiction, poetry, drama, and non-fiction from a variety of national contexts and international movements. Depending on the instructor, the course may focus on such modernist movements as imagism, Futurism, Dadaism, and surrealism, and on the political, economic, social, and philosophical contexts of modernity. This course includes a cultural studies approach to investigate the relationships between literature and other cultural forms, such as painting, film, architecture, and music.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3225 (6) Contemporary British Literature and Culture (3 hrs Lecture) This course examines the transformations within British literature and culture that have occurred in the contemporary period, with a special consideration of how the idea of 'culture' itself has become integral to the articulation of a post-imperial national identity. Students examine literature alongside film, television, music, and the visual arts in order to comprehend the changes in British culture and society that have come with the transformation of Britain into a multicultural nation and with its efforts to find its geopolitical place in an era of globalization.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2142 (must be taken previously or at the same time as this course).

ENGL-3401 (6) Modern Drama (3 hrs Lecture) This course consists of a critical study of plays representative of the main trends in twentieth century theatre. Playwrights such as Ibsen, Strindberg, Chekhov, Pirandello and Brecht will be studied.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3709 (3 or 6) Topics in Canadian Literature and Culture (3 hrs Lecture) This course focuses on a topic in Canadian Literature and Culture which varies from year to year. Possible topics are: memoirs and life writing; the gothic; travel writing; historical fiction; Canadian comics; Black Canadian writing; trauma and memory; Mennonite Writing; representations of disability; dystopias; and bestsellers and prize winners. Students should consult the English Department website for more specific information about the iterations of this course. This course may be repeated once when the topic varies.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and ENGL-3713.
Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3710 (6) Canadian Literature and Culture to 1914 (3 hrs Lecture) This course explores Canadian literature and culture from the 17th to the early 20th century. A variety of cultural texts are examined for their role in producing Canada as a simultaneously colonized, colonial, and colonizing society. Students consider how European writers represent contact with New World subjects the construction of invader-settler subjectivity; Aboriginal experiences of contact and invasion-settlement; and the simultaneously geographical, cultural texts studied include early missionary accounts, exploration accounts, settlement texts, travel narratives, visual representations of the New World novels, poetry, short stories, and political records.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3715 (3 or 6) Diasporic Literatures and Cultures in Canada (3 hrs Lecture) This course explores the literatures and cultures of diasporic writers and artists in Canada, including those of African, Caribbean, and Asian descent. The emphasis is on works after 1960 and on such overlapping concepts as ethnicity, citizenship, nationalism, multiculturalism, postcolonialism, and globalization. Students read a variety of literary and cultural texts, such as fiction, poetry, drama, criticism, film, art, and music, that represent diasporic experiences within the context of Canadian literature and society. Other possible topics are the immigrant experience, human rights, translation, and the intersections among race, gender, sexuality, and class. Each version of the course emphasizes different diasporic literatures and cultures.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3716 (6) Canadian Literature and Culture After 1914 (3 hrs Lecture) This course introduces students to fiction, poetry, drama, and non-fiction written in Canada from the beginning of World War I to the present day. Literary texts are studied in their cultural, historical, political, and economic contexts, and in relation to other arts such as painting, film, music, and photography. Attention is paid to the roles of modernism, postmodernism, and postcolonialism in the construction of the Canadian literary tradition, and to women, Aboriginal, immigrant, and diasporic writers.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3717 (3 or 6) Indigenous Literatures and Cultures (3 hrs Lecture) This course explores literary and other cultural texts by a range of Native Canadian and American authors, with a focus on texts produced during and after the 1960s. The course studies texts that address issues about individual, communal, and cultural loss and renewal through new ways of thinking, seeing, and imagining. In our explorations, we employ various reading strategies and engage contemporary critical/theoretical perspectives. Each version of the course may have a different emphasis.
Restrictions: Students may not hold credit for this course and IS-3717.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3719 (3) Literature of Manitoba (3 hrs Lecture) This course explores the literary culture of the Canadian Prairies through texts written by Manitoba authors. Themes examined may include the pioneer experience, establishing new communities in unfamiliar territory while recalling a cultural history from another place; the experience of colonized Aboriginal peoples; different perceptions of nature and the land; small town and big city life; and the search for intellectual, social, and religious freedom amidst perceived parochialism. Authors studied may include Margaret Laurence, Martha Ostenso, Tomson Highway, Frederick Philip Grove, Gabrielle Roy, Kristjana Gunnars, Patrick Friesen, Miriam Toews, Beatrice Culleton Mosionier, Sandra Birdsell, David Arnason, Robert Kroetsch, and W.D. Valgardson.
Restrictions: Students may not hold credit for this course and ENGL-3714.
Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3723 (3 or 6) Topics in Indigenous Texts and Cultures (3 hrs Lecture) This course examines Indigenous literary and other cultural productions, such as music, film, and art. In an era when racism and eno-colonialism continue to challenge First People's sovereignty, Indigenous artists, along with scholars, activists, and community members are contributing to Indigenous peoples' health, healing, and self-determination. The course emphasizes Indigenous values, knowledge, and theories. In a given year, students may focus on a specific artist, nation, genre, or period. Students should consult the English Department Handbook for a description of the course offered in a given year. This course may be repeated once for credit when the topic varies.
Restrictions: Students may not hold credit for this course and IS-3723.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3724 (3 or 6) Topics in Race and Ethnicity (3 hrs Lecture) This course focuses on a specific topic related to critical race and ethnic studies. Possible topics include narratives related to immigration, multiracialism, gender and sexuality, transnationalism, or interethnic and comparative race studies: (auto) ethnographic texts; narratives of cultural nationalism; the Harem renaissance; Asian/America studies; race and film. Students should consult the department website for information about the specific topic offered in a given term. This course may be repeated once when the topic varies.
Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3725 (3 or 6) Topics in Cultural Studies (3 hrs Lecture) This course examines specific topics, methodologies, and/or theoretical concerns in cultural studies and cultural theory. Possible topics include critical approaches to popular culture; fandom, audiences, and reception; mass culture and the mass media; intersections of race, class, gender, and sexuality in cultural studies; writing methods and practices at the Birmingham Centre for Contemporary Cultural Studies (CCCS); Stuart Hall; cultural studies and activism; popular cinema and cultural studies. Students should consult the department website for information about the specific topic offered in a given term. This course may be repeated once when the topic varies.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3730 (3 or 6) American Literature (3 hrs Lecture) This course offers an introduction to a range of American texts, including fiction, prose, poetry, and drama, Texts are studied in their cultural, historical, and regional contexts. Emphasis is placed on different moments and movements in American literary and cultural history, such as the American Gothic, Transcendentalism, Regionalism, Modernism, The Harlem Renaissance, the Beatnik Generation, and Postmodernism. Specific American genres, like the Hardboiled or the Western may also be highlighted. Attention is paid to the roles of race, ethnicity, class, gender, sexualities, nationalism, settler colonialism, and globalization.
Restrictions: Students may not hold credit for this course and ENGL-3720 | ENGL-3721.
Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3754 (3) Ancient Epic in Translation (3 hrs Lecture) By reading works of ancient epic in translation by important ancient authors (e.g., Homer, Apollonius, Vergil, Ovid, Lucan, Statius), students are introduced to the literary characteristics of the genre and their strategic deployment. The literary and historical contexts of specific epics are discussed in order to make their cultural significance clear.
Cross-listed: CLAS-3754(3).
Restrictions: Students may not hold credit for this course and CLAS-3754.

ENGL-3756 (3) Topics in Ancient Literature (3 hrs Lecture) This course deals with the interpretation and appreciation of literary genres, authors, or works from the canon of Greek and Latin literature. The focus of study

varies from year to year. Examples include love poetry, satire, the ancient novel, and letter-writing as a literary form. Information concerning these course offerings is provided by the department.
Cross-listed: CLAS-3756(3).
Restrictions: Students may not hold credit for this course and CLAS-3756.

ENGL-3800 (3) Textual Analysis (3 hrs Lecture) This course examines the principles and methods of textual analysis as a language-centered approach to literary and non-literary discourse. Various texts are analyzed using six descriptive linguistic tools, namely sounding (phonology), seeing (graphology), wording (lexis), arranging (syntax), meaning (semology and semantics), and ornamenting (rhetoric). Textual analysis considers the effect of writers' choices to create different reader responses to literary elements such as developing characters, building suspense, creating humour, and achieving particular rhetorical purposes.
Cross-listed: ANTH-3405(6) and LING-3001(6).
Restrictions: Students may not hold credit for this course and ANTH-3405 | LING-3001.
Requisite Courses: 6 credit hours of First-Year English or permission of the Department Chair [prerequisite(s)].

ENGL-3802 (3) Registers of Our Daily Life (3 hrs Lecture) Students are introduced to issues involved in the research being done by linguists, text analysts, discourse analysts, and sociolinguists concerning various types of institutional discourse. They are required to carry out a research project on a register of their choice. Experimental investigation and contemporary research focus on medical, scientific, legal, business, financial, political, classroom, and media discourse.
Cross-listed: LING-3101(3), ANTH-3407(3).
Restrictions: Students may not hold credit for this course and ANTH-3407 | LING-3101.
Requisite Courses: LING-2101 or ANTH-2406 or ENGL-2804 [prerequisite(s)].

ENGL-3812 (3 or 6) History of the English Language (3 hrs Lecture) This course offers a concise survey of the English language as a medium of literature from Old to Modern English. It introduces students to the metalanguage used to describe linguistic change and emphasizes the connection between such change and literary expression. Students read excerpts from Beowulf, Chaucer, and Shakespeare, among others, to discover the profound shifts that occurred in the structure and use of English over the last millennium and half. Students also explore the consequences of those shifts for literary practices over the centuries. The course challenges students to enhance their awareness of the time-bound character of both language and literature.
Restrictions: Students may not hold credit for this course and ENGL-2811.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) or permission of the Department Chair [prerequisite(s)].

ENGL-3814 (3) Topics in the Englishes of the Past (3 hrs Lecture) This course offers an in-depth look at the English language at a single period in its fifteen hundred year old history. The specific focus of the course changes from year to year in response to the interests of the students and the needs of the English Department. Thus, depending on the demand, the course may focus on Middle English, on English of the Elizabethan period, or on the eighteenth century. Alternatively, the course may focus on the language of a particular writer, such as, for example, Chaucer, Shakespeare, or Joyce. Students study the structure, usage, and creative engagement with language at a given period or in the repertoire of a particular writer. Wherever appropriate, some attention may also be given to regional dialects and social registers. The course challenges students to enhance their awareness of the time-bound character of both language and literature.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: English I or ENGL-3812 or permission of the Department [prerequisite(s)].

ENGL-3901 (6) Queer Literature, Culture, and Theory (3 hrs Lecture) This course offers a survey of lesbian, gay, transgender, and queer literary and cultural production. In addition to examining novels, poems, films, and plays, students read critical essays, queer theory, and case studies from the field of sexology. Some attention is paid to the historical development of categories such as "gay", "lesbian," and "transgender"; the history of gay liberation and AIDS activism, and the relationship between the gay liberation movement and other social justice movements.
Cross-listed: WGS-3601(6).
Restrictions: Students may not hold credit for this course and WGS-3601.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3905 (3) Topics in Biblical Texts and Cultural Studies (3 hrs Lecture) This course offers a critical introduction to biblical texts and their relationships to, and influences on, literary and cultural production. Students read biblical texts in relation to a historical and generic range of literary and cultural texts that draw on, explore, challenge, parody, and satirize biblical texts, themes, images, characters, and symbols. Students examine biblical texts as they are negotiated in contemporary secular society in relation to various topics such as histories of colonization, "English studies," and transcultural challenges. This course may be repeated once when the topic varies.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3920 (3) Representations of Disability in Literary and Cultural Texts (3 hrs Lecture) This course examines social, cultural, historical, political, and aesthetic ideas about disability as they are expressed in literary and cultural texts. Students use the skills of textual and theoretical analysis to examine a range of texts that may include novels, performance texts, poetry, short stories, children's and young people's texts, feature films,

documentary films, visual art, graphic narratives, blogs, YouTube videos, and other texts generated by social media. Students consider representations of disability in relation to a wide range of topics including aging, creative identity, colonialism, culture, ethics, ethnicity, family, gender, human rights, imperialism, memory, mythology, nation, and sexuality.
Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) ro ENGL-1000(3) [prerequisite(s)].

ENGL-3951 (3) Topics in Feminist Theory (3 hrs Lecture) This course focuses on a topic in feminist theory that varies from year to year. Possible topics include women and language; women and nature; feminism and Marxism; female communities; women and diaspora; and feminism and popular culture. Students should consult the English Department website for information about specific iterations of the course. This course may be repeated once when the topic varies.
Cross-listed: WGS-3951(3).
Restrictions: Students may not hold credit for this course and WGS-3951.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3980 (3 or 6) Topics in Comics and Graphic Narratives (3 hrs Lecture) This course focuses on a particular topic in the study of comics and graphic narratives. Possible topics are: autobiographical comic books; feminist comics; superhero comics; comics and film; comics and/as history; comics culture(s); individual creators. Course readings may include some non-comics texts and theoretical material. Students should consult the department website for information about the specific topic offered in a given term. This course may be repeated once when the topic varies.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-4103 (3) Research Apprenticeship (3 hrs Seminar/Discussion) In this apprenticeship, students reflect on how research issues influence their study of language and literature. Students meet with instructors who have similar research interests in one-to-one tutorials and seminars to discuss common research questions and practices. They may consider a range of issues including for example, the analysis of how key periodicals, critical studies, and professional associations define a particular research topic. This course supports the development of research skills for work in the field of English studies. Students may also be guided in the preparation of manuscripts for publication.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4104 (3) Tutorial Apprenticeship in English (3 hrs Seminar/Discussion) This course provides opportunities for experiencing and exploring learning and teaching strategies in university language and literature courses. Students assist in a designated lecture/seminar course in English in a variety of ways. They may be asked to lead tutorial groups, to facilitate seminars, to help in the preparation of course materials, to offer support to students, and to edit and evaluate student's written work. Students meet regularly with the supervising professor in order to discuss and evaluate teaching strategies and materials.
Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4001.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4110 (6) Critical Theory (3 hrs Seminar/Discussion) This course explores current trends in critical, cultural, and literary theory. Possible areas of inquiry include Marxism, semiotics, psychoanalysis, reader response, poststructuralism, deconstruction, feminism, queer theory, critical race theory, postmodernism, and postcolonialism.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4122 (3) Special Studies I (3 hrs Seminar/Discussion) Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way, and only where the course proposal follows departmental guidelines and receives approval from the Departmental Curriculum Committee and the Department Chair.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4131 (6) Special Studies II (3 hrs Seminar/Discussion) Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way, and only where the course proposal follows departmental guidelines and receives approval from the Departmental Curriculum Committee and the Department Chair.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4160 (3 or 6) Young People's Texts and Cultures (3 hrs Seminar/Discussion) This course offers a focused study of an area of young people's texts and cultures, such as narrative fiction and film, digital or material culture. It may be organized as an exploration of texts and cultures of a particular period, consider a figure, genre, or theme across a range of historical periods and/or contemporary moments. Possible topics include Victorian children's literature, the tween and the teen, revisionist fairy tales, and transnational literacy. This course may be repeated for credit once when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4211 (3 or 6) Romanticism (3 hrs Seminar/Discussion) This course pursues in-depth analyses of literature, history, and culture of the English Romantic period (1789-1832). The course considers how events and issues such as the French Revolution, abolitionism, and women's rights influenced Romantic writers, including Mary Wollstonecraft, Anna Barbauld, William Blake, William Wordsworth, Samuel Coleridge, William Godwin, Byron, Percy Shelley,John Keats,Mary Shelley, and Jane Austen. Sections of the course may also consider other national Romantic movements (e.g., American or Transatlantic Romanticism) as well as elements and discourses of Romanticism across history and in the present. This course may be repeated for credit once when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4242 (3 or 6) Medieval Literature and Culture (3 hrs Seminar/Discussion) This course discusses representative works in medieval literature and culture. Topics vary from year to year and often include medieval romance and visionary allegory. The texts studied may include *Sir Gawain and the Green Knight*, Malory's *Morte d'Arthur*, *Pearl*, and *Piers Plowman* and the work of Chaucer. Some continental predecessors in translation (*Romance of the Rose* and Chretien's romances), lays and metrical romances, lyrics, mystery plays and works by known female authors, as well as texts from medieval revivals in later centuries, may also receive attention. Students may repeat this course once when the topic varies.
Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-2221 | ENGL-2301 | ENGL-4302.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4251 (3 or 6) Early Modern Literature and Culture (3 hrs Seminar/Discussion) This course focuses on literature produced by English writers between 1485 and 1660. Each iteration of the course focuses on a particular topic in the field of early modern literature and culture. Topic areas vary from year to year, but may include: specific authors, or groups of authors (e.g. Shakespeare, Philip Sidney, the Cavalier Poets); particular literary forms (e.g. history plays, political pamphlets, epic poetry); or religious, scientific, political, social, and/or philosophical contexts (e.g. the Reformation, natural philosophy, formulations of gender and/or sexuality). This course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4261 (6) Seventeenth-Century Literature (3 hrs Seminar/Discussion) This course studies a selection of poetry, drama, and prose by seventeenth century English writers. Attention is given to developments in literary styles and to significant religious, scientific, political, social, and philosophical contexts, such as, for example, Kingship, Puritanism, exploration and colonization, civil war, and revolution. Course will no longer be offered after the 2017-18 academic year.
Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4271.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4270 (3 or 6) Eighteenth-Century Literature and Culture (3 hrs Seminar/Discussion) This course provides an opportunity for seminar study of Restoration and eighteenth-century British literature, contextualizing it within contemporary political, economic, social, and intellectual life. Relevant contexts include the development of party politics, the rise of commercial capitalism and colonialism; debates over the status of women , parliamentary reform, and abolition; the proliferation of print culture; the professionalization of authorship; and concepts such as "Enlightenment," "Neoclassicism," and "sensibility". The course equally draws upon current theoretical frameworks for understanding materials, which may extend beyond literary texts to other texts and media. This course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4221.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4281 (3 or 6) Victorian Literature and Culture (3 hrs Seminar/Discussion) This course examines the

literature and culture of the Victorian period (1837-1901). As a topics-based course the specific focus may vary each time it is offered. Possible topics include imperialism and colonization, urbanization and industrialization, sexuality and gender, and science and technology. This course may be repeated for credit once when the topic varies.
Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-3211 | ENGL-4511.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4285 (3 or 6) Modernist Literature and Culture (3 hrs Lecture) This course focuses on some of the literary and cultural texts of modernism, understood as a series of contemporaneous transnational artistic and cultural movements between approximately 1910 and 1945. Sections of the course may focus on a specific form, genre, movement, place, or politics. Sample topics include: Modernist Poetry, Noir in Fiction and Film, the Harlem Renaissance, Gender and Modernism, and Reading the 1930s. This course may be repeated once when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4294 (3 or 6) Contemporary Literature and Culture (3 hrs Seminar/Discussion) This course offers an in-depth examination of some particular aspect of contemporary literature or cultures. The course may concentrate on a specific national context for literature and culture (e.g. visual culture in Britain; Canadian heritage films and historical fiction) or may examine a specific aspect of contemporary literature and culture from an international perspective (e.g. representations of urban experience). Topics vary and may include multiculturalism, race, gender, contemporary film and television, youth cultures, visual cultures, popular music, and popular culture. This course may be repeated for credit once when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4403 (3 or 6) Author, Genre, or Form (3 hrs Seminar/Discussion) This course offers students the opportunity for intensive critical study of an author, genre, or form. Sections of the course may focus on a particular author, or a particular genre or form of literary and/or cultural production (e.g., sub genres and forms within poetry, drama, graphic narrative, popular fiction, and visual media). Each time the course is offered the topic covered will be listed on the English Department Website. This course may be repeated for credit once when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours in First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4710 (3 or 6) Canadian Literature and Culture (3 hrs Seminar/Discussion) This course offers a study of an area of Canadian literature and culture at an advanced level. It may, for instance, involve the study of a limited number of authors, artists, or cultural producers, an historical period, school, or movement, one or two genres, forms, or media, or critical and cultural theory in relation to Canadian literature and culture. This course may be repeated for credit once when the topic varies.
Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4711 | ENGL-4712.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4717 (3 or 6) Indigenous Literatures and Cultures (3 hrs Lecture) This course examines Indigenous texts and culture. The theme of the course varies from year to year. It may focus on historical and/or contemporary representations of Indigenous people. Or the course may study Indigenous contributions on topics such as the environment, neo-colonialism, violence against women, health, sovereignty, and reconciliation. The course may examine a specific artist, nation, genre, or period. This course may be repeated for credit once when the topic varies.
Restrictions: Honours Form Required. Students may not hold credit for this course and IS-4717.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4720 (3 or 6) American Literature and Culture (3 hrs Seminar/Discussion) This course focuses on a specific area of study in American literature and culture. For example, it may focus on works from the Harlem Renaissance or the Beat Generation. Alternatively, it may draw on texts from a particular region or ones that address a specific subject. Specific focus depends on the instructor. Students may repeat this course once when the topic varies.
Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4531 | ENGL-4651.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4730 (3 or 6) Postcolonial Literatures and Cultures (3 hrs Seminar/Discussion) This course

investigates some of the central questions in the field of postcolonial studies through an analysis of cultural and theoretical works from one or more of these regions: Africa, the Caribbean, South Asia, the Middle East, and the Pacific Islands. This course may be repeated for credit once when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4740 (3 or 6) Topics in Comparative Literature (3 hrs Seminar/Discussion) This course focuses on a topic in the field of comparative literature, the study of literatures and cultures, literary history, and theory, across two or more linguistic groups, cultures, or national literatures. Texts originally written in other languages are read in translation normally. Students should consult the English Department web site for information about specific iterations of the course. This course may be repeated once when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4741 (3 or 6) Screen Studies (3 hrs Seminar/Discussion) This course focuses on a topic in screen studies that varies from year to year. Possible topics may include: genre (e.g., noir, melodrama, documentary); national cinemas (e.g., Canadian, Nigerian, Japanese); literary remediations; identity and representation (e.g., race, Indigeneity); youth culture (e.g., adolescent sexuality, Disney); video games and gaming; new media platforms and technologies; screen practices. In addition to media materials, the course focuses on critical and theoretical questions related to the topic. This course may be repeated for credit once when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4742 (3 or 6) Cultural Studies (3 hrs Seminar/Discussion) This course focuses on a topic in the field of cultural studies that varies from year to year. The course may focus on a specific critical and methodological approach (reception studies, Marxist cultural analysis, etc.), on a particular school of thought or moment in the field (the Birmingham Centre for Contemporary Cultural Studies; Cultural Studies beyond Britain; the turn to Gramsci in Cultural Studies), or on a particular topic in the field (popular culture; digital culture; fandom; the politics of representation; youth and subcultures; cultures of resistance; etc.) Students may repeat this course once when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course); 6 credit hours in First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-4823 (3) Old English Language (3 hrs Seminar/Discussion) This course provides an introduction to Old English (Anglo-Saxon). The study of sounds, vocabulary, and structure is followed by the translation and analysis of representative Old English literature, mainly prose.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4841 (3) Old English Literature (3 hrs Seminar/Discussion) This course provides an introduction to the literature of Old English (Anglo-Saxon), by means of translation and analysis of selected prose and poetry, with proper emphasis upon Beowulf.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4901 (3 or 6) Gender, Literature and Culture (3 hrs Seminar/Discussion) This course focuses on a topic related to gender, literature, and culture that varies from year to year. Possible topic areas are the continued relevance of feminism and feminist theory to literary and cultural studies, queer theory and its impact on how we read texts, and the impact of critical race theory on the study of gender, literature, and culture. This course may be repeated for credit once when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4903 (3 or 6) Critical Race Studies (3 hrs Seminar/Discussion) This course focuses on topics related to Critical Race Studies, textual representations of people and communities of colour, and theoretical conversations about race and ethnicity. Students are exposed to foundational as well as newer critical perspectives. Specific focus depends on the instructor. This course may be repeated for credit once when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENVIRONMENTAL STUDIES&SCIENCE

ENV-1600 (3) Human-Environmental Interactions (3 hrs Lecture) This course deals with a variety of topics which illustrate the complexity and diversity of environmental issues. The central theme is "understanding natural processes in the environment" as a means of measuring human impact. Topics dealt with reflect current environmental concerns-for example, global warming, overexploitation, wildlife management, urban issues, health issues.
Note: The Department recommends that students take RHET-1102 or RHET-1103 in their first year of studies as most courses in DESS programs include multiple writing assignments.
Restrictions: Students may not hold credit for this course and ENV-2600.

ENV-2401 (1) Forest Field Skills Camp (3 hrs Lecture) This intensive two-week field course is mandatory for students in the Forest Ecology program and is designed to give students field survival and basic forestry skills. Topics include bush camp construction; safe use of boats, ATV's, and chainsaws; and basic bush survival skills. Students also learn how to correctly use topographical maps, compasses, air photos, GIS maps and other forestry equipment. This course is offered at University College of the North at The Pas, Manitoba.
Cross-listed: BIOL-2401(1).
Restrictions: Students may not hold credit for this course and BIOL-2401.

ENV-2416 (3) Sex, Gender, Space, and Place (3 hrs Lecture) This course examines, from interdisciplinary perspectives including those of Women's and Gender Studies, Geography, and Environmental Studies, relationships among sex, gender, space and place in societies, cultures, environments, and ecosystems. Selected relevant topics are considered, such as ecofeminism, the cultural politics and political geography of sex and sexual identities, the gendering and sexing of city landscape and architecture, notions of public and private space, and the space/place in the sociocultural construction of femininity and masculinity. We consider how sex, gender, race, ethnicity, class, sexuality, and other aspects of identity affect the transformation of space into place.
Cross-listed: GEOG-2416(3) and WGS-2416(3).
Restrictions: Students may not hold credit for this course and GEOG-2416 | WGS-2416.
Requisite Courses: ENV-1600(3), or GEOG-1102(3) and GEOG-1103(3), or WGS-1232 (6) or permission of the instructor [prerequisite(s)].

ENV-2502 (3) Sociology of the Environment (3 hrs Lecture) This course offers an examination of environmental issues and concerns from a sociological perspective. Topics for review include environmental values, attitudes and behaviour; the environmental movement; the political economy of the environment, and environmental risk and risk assessment. Debates surrounding such concepts as sustainable development, deep ecology, environmental justice and global change will also be emphasized.
Cross-listed: SOC-2502(3).
Restrictions: Students may not hold credit for this course and SOC-2502.
Requisite Courses: ENV-1600(3) or SOC-1101(6) or permission of the instructor [prerequisite(s)].

ENV-2521 (3) Voluntary Simplicity (3 hrs Lecture) Development is increasingly understood as a participatory, deliberate process aimed at enhancing quality of life for individuals within community. This course examines the concept, theory, and practice of voluntary simplicity as a means of development for individuals seeking alternatives to consumer values and culture. The course explores both the historical roots of voluntary simplicity and its modern expressions, with special emphasis on the relevance of simplicity to building emotional well-being, vibrant community, sustainable environment, and social justice.
Cross-listed: IDS-2521(3).
Restrictions: Students may not hold credit for this course and IDS-2521.
Requisite Courses: ENV-1600(3) or IDS-1100(6) or permission of the instructor [prerequisite(s)].

ENV-2603 (3) Environmental Sustainability: A Global Dilemma (3 hrs Lecture) This course focuses on environmental factors relevant to understanding and implementing sustainable development. Its aim is to teach students to understand and appreciate fundamental ecological principles within the context of social values and technological constraints. Moreover, the course seeks to equip students to assess environmental problems from an interdisciplinary perspective, and to develop strategies that might solve these problems. Topics or issues that may be addressed include: ecosystem dynamics; feedback in environmental processes; the concepts of carrying capacities and population thresholds; optimum yield theory; loss of biodiversity; overconsumption and overpopulation; deforestation, desertification and pollution; energy demand versus supply; urbanization trends; global warming; ozone layer depletion; resource management, conservation, and recovery; and environmental monitoring and impact assessment.
Cross-listed: IDS-2603(3).
Restrictions: Students may not hold credit for this course and IDS-2603.
Requisite Courses: ENV-1600 or IDS-1100 or permission of the instructor [prerequisite(s)].

ENV-2604 (3) Environment and Health (3 hrs Lecture) There is growing concern amongst the scientific community, media, and general public that environmental chemical contamination may be responsible for some human and ecosystem health problems. This course provides a scientific overview of selected chemical contamination issues, discusses relative risks of recognized and potential hazards, and assesses possible technical and regulatory solutions. Topics may include stratospheric ozone depletion, tropospheric air pollution, acid rain, greenhouse gas emissions, anthropogenic pollutants such as PCBs and perfluorinated chemicals, and

other relevant issues. A knowledge of high school level chemistry is useful, but not absolutely necessary.
Requisite Courses: ENV-1600(3) or permission of the instructor [prerequisite(s)].

ENV-3004 (3) Women, Health and the Environment (3 hrs Seminar/Discussion) This course introduces students to a number of pertinent issues and questions feminists are dealing with when considering women, health and the environment. We investigate how women, health and the environment intersect and explore some of the repercussions of particular environmental situations (including, but not limited to, environmental pollution, nuclear radiation, and synthetic hormones) on women's physical, emotional, spiritual and psychological health. We also study the ways in which feminists are researching and calling attention to the injustice of environmental degradation on women's health and various feminist strategies developed in challenging dangerous environmental practices.
Cross-listed: WGS-3004(3).
Restrictions: Students may not hold credit for this course and WGS-3004.
Requisite Courses: WGS-1232(6) or the former WGS-2300 or the former WGS-2301 or permission of the instructor [prerequisite(s)].

ENV-3025 (3) Issues in Sustainable Cities (3 hrs Lecture) This course addresses issues of sustainable urban development. Topics may include the following: world population growth and urbanization in developed and developing countries; the impact of technology, trade, and commercial globalization on urban environments; the degradation of land, water, and air inside of cities and in their bio-regions; the consumption of fossil fuels and the local and global impact of their combustion; the politics of sustainable urban development; the role of planning and urban administrative practices and policies in environmental degradation and mitigation; and the place of local environmental initiatives in national environmental actions.
Cross-listed: UIC-3025(3).
Restrictions: Students may not hold credit for this course and UIC-3025.
Requisite Courses: GEOG-2414(3) or the former GEOG-2404, or UIC-1001(6) or permission of the instructor (must be taken previously or at the same time as this course).

ENV-3035 (3) Law and the Environment (3 hrs Lecture) This course provides an introduction to Canadian environmental law, including common law and statutory regimes. Topics include endangered species, air, water and waste management, toxic pollutants, contaminated land, resource development, the division of constitutional powers, regulatory approaches, environmental assessment, monitoring and enforcement, and environmental torts. The socio-economic, political, and scientific backgrounds of environmental problems are also considered. Current Manitoba examples are used to illustrate the concepts, problems and solutions discussed.

ENV-3476 (3) Forest Policy and Management (3 hrs Lecture) This course addresses the principles and practices of sustainable forestry in Canada. Topics include evolution of the forest industry including past and current forest policy and practices. Important aspects of harvesting, reforestation, forest protection, private woodlot forestry, natural products and First Nations forestry are discussed. The role of the forest industry in Canada is examined within the larger context of government regulation, multi-resource management, multi-stakeholder processes, and global markets. The environmental impact of forest management activities on natural landscapes is reviewed under ever changing environmental codes and restrictions and the need to produce green products.
Cross-listed: BIOL-3476(3).
Restrictions: Students may not hold credit for this course and BIOL-3476.

ENV-3602 (3) Environmental Governance: Theory and Analysis (3 hrs Lecture) This course examines current theoretical and analytical approaches useful for understanding environmental governance in today's complex problem domains. Focusing on the human dimensions of environmental resources, students examine major approaches to understanding complex human-environmentas issues, such as conventional environmental problem solving, framing and discourse analysis; and social ecological systems thinking. Students develop a conceptual foundation and the analytical abilities needed to assess environmental governance concepts, issues, and cases associated with "wicked" environmental governance settings.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: ENV-1600(3) or permission of the instructor [prerequisite(s)].

ENV-3603 (3) Winnipeg and the Environment: A Case Study Approach (3 hrs Lecture) This course focuses on the particular problems facing the City of Winnipeg in its interaction with the environment. Students are required to participate in an in-class strategic planning session to select issues and concerns that become the case study content of the course. Municipal planning initiatives are used to select the issues, to define their scope, and to propose policy and program solutions. The course format involves small interactive group discussions led by the students and facilitated by the instructor. A high level of student participation is expected.
Cross-listed: UIC-3603(3).
Restrictions: Students may not hold credit for this course and UIC-3603.
Requisite Courses: ENV-1600 or the former ENV-2600 or permission of the instructor [prerequisite(s)].

ENV-3606 (3) The Environment and Business (3 hrs Lecture) This course examines practical examples of ways in which business operations have responded to environmental and sustainability challenges and opportunities. The course provides an historical perspective on corporate environmentalism and covers current topics such as self-regulation and voluntary initiatives, environmental management systems, product stewardship, life-cycle analysis, industrial ecology, toxics

use reduction, strict liability and due diligence, and sustainable performance management. The course uses case studies from Canada and elsewhere, including developing nations, to illustrate the issues, problems, and solutions discussed.
Requisite Courses: ENV-1600 or permission of the instructor [prerequisite(s)].

ENV-3607 (3) Forests and the Environment (3 hrs Lecture) This course is intended to provide students with the fundamental knowledge of the interactions between human and forest ecosystems. It examines current forestry practices and studies new alternatives in forest resources management based on our growing knowledge of the natural dynamics of these ecosystems. The concepts underlying forest sustainability and forest conservation in a changing world are discussed. Using the boreal forest as an example, students will acquire an understanding of natural ecosystem dynamics and of proposed alternatives in forestry practices. The effects of global climate change and increasing human pressure on our forests are also examined.
Requisite Courses: BIOL-2403(3) or the former BIOL-3403 [prerequisite(s)].

ENV-3608 (3) Forest Wildlife Management (3 hrs Lecture) This course focuses on the management of wildlife populations in forested environments in Canada. Students participate in an examination of forest biodiversity including discussion of terrestrial and aquatic species, ecosystems, conservation strategies, coarse and fine filter approaches, forest fragmentation, core habitat ranges, management at forest stand and landscape levels and how animals use forest habitats. Topics include habitat supply and modelling, population monitoring methods, the cumulative effects of forest management activities, legislation and guidelines, role of endangered species, adaptive forest management and the importance of terrestrial and wetland classification.
Requisite Courses: ENV-3607(3) [prerequisite(s)].

ENV-3609 (3) Research Methods and Design (3 hrs Lecture) This course is a prerequisite for the Research Projects course (ENV-3610(3)) and teaches students the steps and methods required to produce a successful research project. Students learn to develop a clear research question, form hypotheses and predictions and formulate a study with the appropriate measurements and design structure. Students are shown examples of experimental and other designs and methods used in the natural and social sciences. Finally, students develop a research design for their own project used in the Research Projects course.
Requisite Courses: GEOG-2309(3) or STAT-1201(6) or STAT-1501(3) or permission of the Department Chair [prerequisite(s)].

ENV-3610 (3) Research Projects (3 hrs Lecture) This course teaches students to understand, develop, and complete research projects with relevance to real world situations. The primary objective is to help students develop research skills for the workplace. Students are required to undertake a reasearch project in an area of environmental interest, typically using proposals developed in ENV-3609(3). Presentation of results, both orally and in written form, is required. Students work closely with the instructor or another member of the faculty and an external advisor from the community during completion of the project. Research projects are designed to assist community groups, government departments, private sector firms or other organizations.
Requisite Courses: ENV-3609(3) and a minimum of 60 credit hours towards their degree or permission of the Department Chair [prerequisite(s)].

ENV-3611 (3) Environmental Toxicology (3 hrs Lecture) This course provides an understanding of how and why chemicals may damage humans and other organisms. Basic principles of toxicology and environmental chemical exposure are covered, and detailed analysis is presented of the body's defences against toxicants and the physiological and/or biochemical mechanisms by which toxicants cause effects. Toxicological modeling and environmental risk assessment are introduced. Students apply these principles to explore emerging topics of interest in their own disciplines.
Cross-listed: CHEM-3611(3).
Restrictions: Students may not hold credit for this course and CHEM-3611.
Requisite Courses: CHEM-2202(3) and CHEM-2203(3) or the former CHEM-2201 [prerequisite(s)].

ENV-3612 (3) Environmental Impacts of Agriculture (3 hrs Lecture) The course provides a comprehensive knowledge on impacts of agriculture on the environment. It focuses on the global food production trends in meeting the growing population needs and the positive and negative impacts of agriculture on the environment, emphasizing the impacts on (a) the atmosphere and stratosphere resulting in global climate change and air pollution, (b) the hydrosphere resulting in water deficits and pollution, (c) the lithosphere soil degradation and (d) the biosphere through habitat degradation, overharvesting, and genetic pollution, causing biodiversity loss. The course also provides the conceptual knowledge required to produce food in an ecologically sustainable manner.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: ENV-1600 or GEOG-2401 [prerequisite(s)].

ENV-4450 (3) Geographic Perspectives on Environment and Sustainability (3 hrs Seminar/Discussion) This course considers geographic and environmental appproaches to sustainable staples-based development, particularly as they apply to water, energy, and mining. Discussion begins by outlining change, complexity, uncertainty, and conflicts associated with primary and derived resources, including those contributing to climate change. Important technological innovations and policy developments designed to address these challenges are contemplated. Topics include corporate social responsibility policies, public-private initiatives, community-based resource management,

adaptive management, and social learning through public participation.
Cross-listed: GEOG-4450(3).
Restrictions: Students may not hold credit for this course and GEOG-4450.
Requisite Courses: Two of GEOG-2204(3), GEOG-2212(3), GEOG-3408(3), GEOG-3508(3), ENV-2603(3), or permission of the instructor [prerequisite(s)].

ENV-4611 (6) Environmental Impact Assessment (3 hrs Lecture) This course explores the methodology of environmental impact assessment (EIA). Students learn about various types of EIA, the components of EIA review, the regulatory aspects of EIA and how to complete their own EIA. Students are expected to undertake EIA examples in both written and oral form.
Requisite Courses: Completion of at least 60 credit hours towards degree or permission of the Department Chair [prerequisite(s)].

ENV-4613 (3) Directed Studies in Environmental Studies and Sciences (3 hrs Lecture) This course allows students to undertake research in their areas of interest. The research may take the form of a literature review, may be experimental in nature or involve analysis of existing data. Evaluation is based on a written submission summarizing the student's findings.
Note: Permission to enroll is dependent on the availability of an instructor in the student's field of interest and the permission of the Chair of Environmental Studies.
Restrictions: Department Permission Required.
Requisite Courses: ENV-1600 [prerequisite(s)].

ENV-4614 (3) Critical Environmental Issues (3 hrs Lecture) This course examines current issues of controversy and public concern in environmental studies and environmental science. The content varies from year to year and students should consult the Environmental Studies and Sciences Department for a more detailed description of topic areas in terms in which the course is offered.
Requisite Courses: ENV-1600(3) or permission of the Department Chair [prerequisite(s)].

ENV-4615 (3) Environmental Soil Science (3 hrs Lecture) The course provides students with a comprehensive knowledge of environmental issues related to soil science emphasizing the significant role soil plays in sustaining environmental quality. It focuses on soil functions, soil quality, environmental significance of soil properties and processes, ecological implications of soil-water-nutrient interactions, fate and transport of contaminants in soils, and environmental impact of soil erosion, all of which are interconnected to current environmental issues such as global warming, water pollution, soil degradation, atmospheric pollution etc. The course also aims to provide the conceptual knowledge required to manage soil on a scientifically-based, environmentally friendly, and ecologically sustainable manner.
Requisite Courses: GEOG-2213(3) and CHEM-1112(3) or the former CHEM-1101(6) permission of the instructor [prerequisite(s)].

ENV-4616 (3) Campus Sustainability (3 hrs Lecture) This course involves students completing a project on campus sustainability. Project topics stem from the university's sustainability plan and are developed in consultation with the Campus Sustainability Office and other stakeholders. Projects are designed to assist with improving the university's sustainability performance. Topic areas include air quality, climate change, education, finance and procurement, governance, land use, transportation, waste diversion, water quality and management and well-being. Students work in a collaborative team setting and are required to submit a written project plan and present their project outcomes orally and in writing.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: ENV-1600 or ENV-2603 or permission of the instructor [prerequisite(s)].

ENV-4701 (6) Honours Environmental Studies and Sciences Thesis (3 hrs Project / Thesis) This course provides an opportunity for students to undertake a project of personal interest under the guidance of a faculty member or equivalent and the Course Coordinator. Practical experience is provided in research design and methodology, data analysis, in the verbal and written presentation of the findings, and participation in academic conferences. This course is intended to provide students with a solid background for entry into graduate programs or research-oriented careers.
Note: Enrolment in this course is limited by the availability of faculty to serve as supervisors. Students must obtain written permission from the Department Chair to register for this course. A written agreement between the student and the faculty supervisor is required before permission is granted.
Restrictions: Department Permission Required.
Requisite Courses: GEOG-2309(3) and ENV-4611(6), and 30 credit hours in Environmental Studies with a minimum 3.0 GPA (B) in honours subject courses [prerequisite(s)].

FRENCH STUDIES

FREN-1100 (3) Elementary French 1 (3 hrs Lecture | 1 hrs Lab) This course is designed for students with no prior training in French. It focuses on basic grammatical and lexical skills, such as common verbs in simple tenses, interrogative and negative sentences, daily life greetings and conversation. Basic skills in oral comprehension and expression are emphasized in class and in a weekly lab. Reading and writing tasks are short, but designed to develop good habits to be built upon in subsequent courses. This course does not count for the major. Prerequisite: Placement test.
Requisite Courses: FREN-1100L (lab) (must be taken concurrently).

FREN-1102 (3) Elementary French 2 (3 hrs Lecture | 1 hrs Lab) This course is designed for students with a basic knowledge in French. It focuses on grammatical and lexical rudiments, such as past and future tenses, the subjunctive mood (for expressing emotions), the conditional present (to discuss hypothetical situations), pronouns (to avoid redundancy). Vocabulary used to discuss abstract concepts is introduced. Language skills in comprehension and expression are practiced in class (e.g. short texts or poems are presented and discussed) and during the weekly lab. Writing tasks include composing paragraphs and short narratives.
Restrictions: Students may not hold credit for this course and FREN-1001.
Requisite Courses: Placement test or FREN-1100(3) [prerequisite(s)]; FREN-1102L (lab) (must be taken concurrently).

FREN-1103 (3) Elementary French 3 (3 hrs Lecture | 1 hrs Lab) This course is intended for students with some knowledge of French, wishing to bring their proficiency up to the entrance level for a Major of Minor in French. The focus is on the review of basic grammatical skills (e.g. pronouns, past tenses, simple sentences), and on the gradual acquisition of complex structures (e.g. subordinate clauses, tenses of the conditional and the subjunctive, and expression of emphasis). Lexical skills are targeted through reading activities (e.g. magazine articles, comic strips, short poems or narratives) and by listening to audio documents (e.g. songs, video clips) in class or during the weekly lab. Writing tasks evolve from shorter to longer sentences and to compositions.
Restrictions: Students may not hold credit for this course and FREN-1111 | FREN-1112.
Requisite Courses: Placement test, or FREN-1102(3), or the former FREN-1001(6) [prerequisite(s)]; FREN-1103L (lab) (must be taken concurrently).

FREN-1104 (3) Intermediate French 1 (3 hrs Lecture | 1 hrs Lab) This course is intended for students with a working knowledge of basic French. The focus is on the review of previously acquired grammatical and syntactical skills, and on the acquisition of new skills (e.g. past and compound tenses, conjunctions and expression of cause and effect). Lexical skills are targeted through reading activities (e.g. newspaper articles, poems, short stories), and by listening to documentaries and news reports demonstrating various levels of speech (e.g. formal or informal) in class and during the weekly lab. Writing tasks include reviews and compositions.
Restrictions: Students may not hold credit for this course and FREN-1111 | FREN-1112.
Requisite Courses: Placement test or FREN-1103(3) [prerequisite(s)]; FREN-1104L (lab) (must be taken concurrently).

FREN-2105 (3) Intermediate French 2 (3 hrs Lecture | 1 hrs Lab) This course is intended for students with a working knowledge of intermediate French, wishing to undertake a program in French Studies (literature or linguistics), or to improve written French for other disciplines. The focus is on perfecting grammatical and syntactical skills (e.g. direct and indirect speech, the passive, and complex sentences with concording tenses). Lexical skills are targeted through reading (e.g. contemporary short stories, argumentative texts, letters, formal speeches), and by listening to recorded documents demonstrating various levels of speech (formal and informal) and registers (e.g. political, artistic, scientific), in class and during the weekly lab. Writing tasks include narratives and essays.
Requisite Courses: Placement test, or FREN-1104, or the former FREN-1111, or the former FREN-1112 [prerequisite(s)]; FREN-2105L (lab) (must be taken concurrently).

FREN-2110 (3) Composition and Grammar (3 hrs Lecture | 1 hrs Lab) This course is designed to improve students' written and grammatical command of French. Major modes are introduced (*descriptive, narrative, and argumentative*), with the grammatical tools required in the writing and editing process (e.g. *complex sentences, conjunctions, adverbs, spelling)*. Model texts are presented and assignments focus on writing in a variety of genres (e.g. stories, correspondence, summaries, reviews). Individuals and small-group activities consist of writing sentences, paragraphs and essays, while practicing French syntax. The oral component (one weekly hour of *travaux pratiques*) is dedicated to grammatical practice through debates and thematic presentations, aiming at vocabulary acquisition, and greater ease with verbs and syntax.
Requisite Courses: FREN-2105(3), or Placement test, or the former FREN-1111(6), or the former FREN-1112(6) or permission of the instructor [prerequisite(s)]; FREN-2110L (lab) (must be taken concurrently).

FREN-2114 (3) English-French Translation (3 hrs Lecture) This course in translation from English to French serves a dual purpose: to give students an opportunity to expand their French vocabulary and grammatical skills and to initiate them to specific written styles in the target language (French). To this end, a number of recurring semantic, grammatical and syntactic features of French will be studied through shorter translation exercises and through the translation of longer documents, e.g., newspaper articles, business letters or scientific abstracts.

Requisite Courses: FREN-2110; or placement test, or the former FREN-2109 or permission of the instructor [prerequisite(s)].

FREN-2115 (3) French-English Translation (3 hrs Lecture) In this course the principles of translation from French into English will be introduced. The lexicon and stylistics of the target language (English) will be discussed in relation to different styles and registers. Students will translate authentic texts from a variety of contexts such as literary, commercial, journalistic and scientific. Literary translation will focus on descriptive and narrative components; practical texts will include advertisements, newspaper articles and scientific magazine articles.
Restrictions: Students may not hold credit for this course and FREN-2112.
Requisite Courses: FREN-2110(3), or placement test, or the former FREN-2109(3) or permission of the instructor [prerequisite(s)].

FREN-2116 (3) French for Business (3 hrs Lecture) This practical course is intended primarily to teach students to communicate effectively in business situations with an emphasis on the Canadian context. To this end, course materials include situational texts reflecting business activities and covering a range of topics (e.g., office and computer, financial institutions, marketing and advertising). The course is designed to expand language skills already acquired as well as to present the specialized vocabulary and idioms used in the business environment. Extensive exercises in vocabulary, comprehension, business writing and correspondence are included.
Requisite Courses: FREN-2110, or placement test, or the former FREN-2109, or permission of the instructor [prerequisite(s)].

FREN-2180 (3) Introduction to French Literature (3 hrs Lecture) This course gives students the foundational skills required to read and write in French about literature. Students are introduced to the terms and tools of analysis necessary for a critical reading of modern literary texts which are drawn from different genres and a variety of areas of the francophone world, such as Canada, France, Africa and the Caribbean. Some class time is devoted to the development of writing skills.
Restrictions: Students may not hold credit for this course and FREN-1381.
Requisite Courses: FREN-2105(3), or placement test, or the former FREN-1111(6), or the former FREN-1112(6) or permission of the instructor [prerequisite(s)].

FREN-2182 (3) Francophone Canadian Literature Before the 1960s (3 hrs Lecture) This course examines the francophone literature of Canada from its modern origins at the end of the 19th century to the mid-20th century. Works by women and men from Acadia, Manitoba and Quebec are examined with an emphasis on the central role played by Quebec in the creation of modern Canadian francophone literature. Authors studied may include Riel, Nelligan, Grandbois, Melanson, Savard, Guèvremont and Roy. Novels, drama and poetry are analyzed using literary theories drawn from social realism/*sociocritique* and narratology. Periodic class discussions will take a *table ronde* format.
Requisite Courses: FREN-2105, or placement test, or the former FREN-1111, or the former FREN-1112, or permission of the instructor [prerequisite(s)].

FREN-2183 (3) Contemporary Francophone Literature of Canada (3 hrs Lecture) This course examines the francophone literature of Canada from the mid-twentieth century to the present day. Works by women and men from Acadia, Manitoba and Quebec, as well as by writers known as *les ecrivains migrants*, are examined with an emphasis on the central role played by the novel and by the *Révolution tranquille* in the development of contemporary Canadian francophone literature. Authors studied may include Blais, Miron, Ducharme, Tremblay, Hébert, Maillet, Chen, Chiasson and Léveillé. Novels, drama and poetry are analyzed using literary theories drawn from narratology and narrative/ semiotics discursive. Periodic class discussions will take a *table ronde* format.
Requisite Courses: FREN-2105(3), or placement test, or the former FREN-1111(6), or the former FREN-1112(6) or permission of the instructor [prerequisite(s)].

FREN-2202 (3) Phonetics (3 hrs Lecture | 1 hrs Lab) This course presents the theory and practice of French phonetics and phonology. Theory covers the acoustics and physiology of speech, the International Phonetic Alphabet, the description of French vowels, consonants, articulation features (assimilation, liaison, etc.), and prosodic patterns (syllabation, rhythm, intonation, etc.). Practical applications include phonetic transcription, orthoepy (the relationship between pronunciation and orthography) and a lab program aiming at oral performance.
Cross-listed: LING-2301(3).
Restrictions: Students may not hold credit for this course and LING-2301.
Requisite Courses: FREN-2110, or placement test, or the former FREN-1112, or permission of the instructor [prerequisite(s)]; FREN-2202L (lab) (must be taken concurrently).

FREN-2205 (3) Culture and Society in Contemporary France (3 hrs Lecture) This course examines major cultural and historical aspects of contemporary French society (e.g. the social system, the Fifth Republic, feminism, the role of Paris). The theoretical approach is comparative (e.g. Roland Barthes, Richard Hoggart, and E.T. Hall). Course material is presented through several media (e.g. songs, comics, film, political speeches). As they learn about diverse and iconic elements of French culture, students are given opportunities to develop their reading, speaking and writing skills.
Requisite Courses: FREN-2105, or placement test, or the former FREN-1111, or the former FREN-1112, or permission of the instructor [prerequisite(s)].

FREN-2383 (3) The Art of Close Reading (3 hrs Lecture) This course is designed to acquaint students with close reading, a method to analyze and comment on literary texts of different genres and periods. Students will learn to recognize, study and appreciate the elements of style and content. Students will acquire practical skills through the presentation of *exposés* in oral and written forms.

Requisite Courses: FREN-2105, or placement test, or the former FREN-1111, or the former FREN-1112, or permission of the instructor [prerequisite(s)].

FREN-2384 (3) Literary Avant-Garde in French (3 hrs Lecture) This course examines the concept of "*avant-garde*" in early 20th-century French literatures in Europe, the Antilles and Canada. We analyze texts, from the *Manifeste Dada* (1918), through André Breton's *Manifeste du surréalisme* (1924) and Aimé Césaire's poetry, to the *Refus Global* (1948) in Quebec. The course focuses on literary and cultural comparisons. It investigates various aspects of Modernism, such as aesthetic autonomy and the relationship between art and politics. In addition to working across genres, the course, like Modernism, works across national literatures. Students learn about modernist mouvements and contexts: dada, futurism, surrealism, expressionism, theatre of the absurd and the *négritude* mouvement.
Requisite Courses: FREN-2105, or placement test, or the former FREN-1111(6), or the former FREN-1112(6), or permission of the instructor [prerequisite(s)].

FREN-2385 (3) 20th Century French Writers and Thinkers (3 hrs Lecture) French works from the '50s to the present day are studied in this course. Major literary trends and movements - existentialism, *le nouveau roman* and postmodernism - are analysed in fiction, poetry and essay by writers such as Sartre, Camus, Ponge and Yourcenar.
Requisite Courses: FREN-2105, or placement test, or the former FREN-1111(6), or the former FREN-1112(6), or permission of the instructor [prerequisite(s)].

FREN-2481 (3) Nineteenth-Century French Prose (3 hrs Lecture) This course examines the development of prose in nineteenth-century France. Works representing the main literary movements (Romanticism,Realism, and Naturalism) will be selected, as much as possible, from both male and female authors. These may include Stendhal, Balzac,Sand, Flaubert, Maupassant, and Zola. Students will be introduced to basic techniques of textual appreciation and commentary.
Requisite Courses: FREN-2105, or placement test, or the former FREN-1111(6), or the former FREN-1112(6), or permission of the instructor [prerequisite(s)].

FREN-2482 (3) Nineteenth-Century French Poetry and Drama (3 hrs Lecture) This course examines the development of nineteenth-century poetry and drama. The evolution of theatre from the *drame romantique* to the *théâtre fin-de-siècle* will be studied through selected works of such authors as Hugo, Musset, and Rostand. Poetry will include a selection from the romantic, parnassian, and symbolist schools (e.g. Desbordes-Valmore, Gautier, Baudelaire). Students will be introduced to basic techniques of textual appreciation and commentary.
Requisite Courses: FREN-2105, or placement test, or the former FREN-1111(6), or the former FREN-1112(6), or permission of the instructor [prerequisite(s)].

FREN-3111 (6) Comparative Stylistics and Translation (3 hrs Lecture) In this course, French is studied by being contrasted with English in a comparative lexicology and comparative grammar approach. Linguistic divergence is examined at the lexical level (e.g. semantic values, stylistic variants, linguistic interference), the grammatical and syntactic levels (e.g. gender, modifiers, modal auxiliaries, word order), and the pragmatic level, with a focus on cultural strategies (e.g. sentence segmentation into translation units, modulation, grammatical transposition). Translation strategies are explored so as to address the distinctive lexical, grammatical, syntactic, and pragmatic features of each language.
Cross-listed: LING-3311(6)
Restrictions: Students may not hold credit for this course and LING-3311.
Requisite Courses: 6 credit hours in 2000-level French Studies courses, including 3 credit hours in 2000-level language or permission of the instructor [prerequisite(s)].

FREN-3202 (3) Géolinguistique francaise (French Geolinguistics) (3 hrs Lecture | 1 hrs Lab) This course presents contemporary varieties of French in Canada and other parts of the Francophone World. After a brief introduction to linguistic change from early dialects to today's international norm, the course focuses on regional variation particularly in Canada and North America, major geolinguistic concepts (e.g. regionalism, isogloss), and fieldwork methods. Sound documents are explored for their vocabulary and grammar, to help students expand their communication skills in different environments, as they become more familiar with different varieties of French. The Honours level concentrates on methodology and linguistic data analysis (e.g. lexicometry, linguistic atlases).
Cross-listed: LING-3303(3).
Restrictions: Students may not hold credit for this course and FREN-4202 | LING-3303 | LING-4303.
Requisite Courses: 6 credit hours in 2000-level French language/linguistics or permission of the instructor [prerequisite(s)].

FREN-3204 (3) French Morphology and Syntax (3 hrs Lecture) Based on the analysis of modern French, this course presents fundamental linguistic concepts, including nature and types of monemes, distributional and syntactic properties of morphemes, and the French verbal system (mood, tense and aspect). The syntax of simple, compound and complex sentences is studied in a transformational-generative perspective, as it applies to French. At the Honours level, in FREN-4206/LING-4304, additional approaches (mainly the functional and the cognitive) are used to examine complex utterances in various oral and written styles.
Restrictions: Students may not hold credit for this course and LING-3302.
Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

FREN-3205 (3) Studies in Bilingualism (3 hrs Lecture) This course explores three major aspects of bilingualism: the context, the learner, and the writer. The context section introduces historical and geographical aspects of bilingualism (e.g. official/unofficial bilingualism in the

Francophone world), and resulting sociolinguistic situations (e.g. diglossia/bilingualism). The main section of the course focuses on the bilingual learner (e.g. multilingual acquisition, compound bilingualism, the active lexicon in Franco-Manitoban and immersion schoolchildren). The concluding section examines examples of bilingual writing (e.g. Beckett, Green, Léveillé).
Cross-listed: FREN-4205(3), LING-3305(3) and LING-4305(3).
Restrictions: Students may not hold credit for this course and FREN-4205 | LING-3305 | LING-4305 | RHET-3156.
Requisite Courses: 6 credit hours at the 2000 level in French Studies courses or permission of the instructor [prerequisite(s)].

FREN-3283 (3) Life-Narratives in French Literature (3 hrs Lecture) In 20th and 21st century literature from Proust and Colette to Annie Ernaux and Le Clézio, the representation of the self has undergone several transformations in form, content and generic boundaries. The course studies different genres: autobiography, autofiction and memoir. Students explore the meanings of these texts and what they conceal about Modernity and our contemporary age.
Cross-listed: FREN-4283(3).
Restrictions: Students may not hold credit for this course and FREN-4283.
Requisite Courses: 6 credit-hours of 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3301 (3) History of the French Language (3 hrs Lecture) This course traces the development of the French language through the centuries, examining historical, political and social events that have a significant impact on linguistic change. Four periods are considered: the High Middle Ages and the first written texts; the Old French era with its dialects; Renaissance French, influenced by Italy and the Humanist movement; and the birth of modern French and *la francophonie*. Various linguistic documents are studied to illustrate the status and distinct features of French in different eras.
Requisite Courses: 6 credit hours in 2000-level French Studies courses or permission of the instructor [prerequisite(s)].

FREN-3580 (3) Littérature du XVIIIe siècle: Le siècle des Lumières (3 hrs Lecture) This course is intended to develop in the student an understanding and appreciation of the nature of literature and society in the eighteenth century. While emphasis vary from year to year, this course may include works by major authors such as Montesquieu, Prévost, Madame de Tencin, Francoise de Graffigny and Voltaire. Students also investigate trends such as *la crise de conscience européenne*, *le mythe du Sauvage*,*"Lumières" et Raison*, and *l'Encyclopédie*. Attention is given to relationships between literature and the arts.
Cross-listed: FREN-4580(3).
Restrictions: Students may not hold credit for this course and FREN-4580.
Requisite Courses: 6 credit hours in 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3581 (3) Littérature du XVIIIe siècle: Lumières et Révolution (3 hrs Lecture) This course is intended to study the relationships between literature and society in the eighteenth century. While emphasis will vary from year to year, this course may include works by major authors such as Diderot, Rousseau, Beaumarchais, and Isabelle de Charrière. Emphasis will be placed upon the development of literary styles and the history of ideas in scientific, philosophical, and political contexts. Students will also investigate some trends such as *philosophie et engagement au Siècle des "Lumières"*, *le libertinage*, *la condition de la femme et l'Ancien Régime*, *le droit des gens*, *la Révolution* and *le préromantisme*.
Cross-listed: FREN-4581(3).
Restrictions: Students may not hold credit for this course and FREN-4581.
Requisite Courses: 6 credit hours in 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3609 (3) Decolonizing Voices: Francophone Indigenous Literature (3 hrs Lecture) This course examines the responses of Indigenous writers and artists (through novels, poems, plays, and movies) to colonial structures and colonial discourse in Canada. All works are read in French. Indigenous guests are invited to the class and the students are asked to attend events in the Indigenous community as part of their course requirement. Students finish the course with a good understanding of Canada's historic relationship with Indigenous Canadians and how colonialism still affects present relationships.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: 6 credit hours of French Studies at the 2000 level, including FREN-2110(3) [prerequisite(s)].

FREN-3680 (3) Littérature du XVIIe siècle: Le Baroque (3 hrs Lecture) This course offers a critical study of literary works representative of the seventeenth century. While emphasis will vary from year to year, this course may include works by major authors such as Corneille, Scarron, Cyrano de Bergerac and Molière. The course will investigate such trends as *baroque*, *grotesque*, *romanesque* and *libertinage*.
Cross-listed: FREN-4680(3).
Restrictions: Students may not hold credit for this course and FREN-4680.
Requisite Courses: 6 credit hours in 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3681 (3) Littérature du XVIIe siècle: Le Classicisme (3 hrs Lecture) This course offers a critical study of works representative of the rich literary production of the seventeenth century, dominated by Louis XIV and the Court of Versailles. While emphasis will vary from year to year, this course may include works by major authors such as Molière, Racine, La Fontaine, Madame de Sévigné and Madame de La Fayette. The course will

investigate some of the changing concepts of tragedy and comedy, and trends such as *préciosité*, *classicisme*, *honnêteté* and *absolutisme*.
Cross-listed: FREN-4681(3).
Restrictions: Students may not hold credit for this course and FREN-4681.
Requisite Courses: 6 credit hours in 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3953 (3) The Contemporary Francophone Novel of Canada (3 hrs Lecture) In this course, students study a selection of contemporary Canadian francophone novels. The chosen texts represent major literary trends since 1960, and they vary in structure as well as the social, cultural and political questions they raise. Topics may include the uniquely Canadian narrative of Gabrielle Roy, Antonine Maillet's Acadian perspective, Marie-Claire Blais' revolutionary examination of the traditional Quebecois family, Réjean Ducharme's imagining of children's experiences, the dark worlds created by Gaétan Soucy, the feminist thought of Nancy Huston, and Ying Chen's take on the experience of immigration. Frequent discussions take a *table ronde* format.
Cross-listed: FREN-4953(3).
Restrictions: Students may not hold credit for this course and FREN-4953.
Requisite Courses: 6 credit-hours in 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-4021 (3) Tutorial (3 hrs Tutorial | 3 hrs Lab) The specialized study of a single author, or of a genre, period or theme, or of a specific language or linguistics topic, under the direction of a professor.
Note: Permission of the instructor is required to register.
Restrictions: Honours Form Required.

FREN-4200 (3) Language and Style (3 hrs Lecture) The first focus of this course is on French Lexicology (e.g. word formation, neologisms), and the interaction between lexis, semantics (e.g. semantic fields) and syntax (e.g. idioms). The second focus is on the relation between language and style in various French texts (e.g. essays, speeches), explored for their stylistic variation and discursive features (e.g. foregrounding, rhythm). Class work investigates French vocabulary and dictionary presentations of linguistic variation (usage labels of time, place and style). Course work includes compositions that develop lexical and rhetorical cohesion when writing in French, and a research paper on an individual linguistic topic.
Cross-listed: LING-4300(3).
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours in 2000-level French language/linguistics or permission of the instructor [prerequisite(s)].

FREN-4202 (3) Géolinguistique Française (french Geolinguistics) (3 hrs Lecture) This course presents contemporary varieties of French in Canada and other parts of the Francophone World. After a brief introduction to linguistic change from early dialects to today's international norm, the course focuses on regional variation particularly in Canada and North America , major geolinguistic concepts (e.g. regionalism, isogloss), and fieldwork methods. Sound documents are explored for their vocabulary and grammar, to help students expand their communication skills in different environments, as they become more familiar with different varieties of French. The Honours level concentrates on methodology and linguistic data analysis (e.g. lexicometry, linguistic atlases).
Cross-listed: LING-4303(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3202 | LING-3303 | LING-4303.
Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

FREN-4205 (3) Studies in Bilingualism (3 hrs Lecture) This course explores three major aspects of bilingualism: the context, the learner, and the writer. The context section introduces historical and geographical aspects of bilingualism (e.g. official/unofficial bilingualism in the Francophone world), and resulting sociolinguistic situations (e.g. diglossia/bilingualism). The main section of the course focuses on the bilingual learner (e.g. multilingual acquisition, compound bilingualism, the active lexicon in Franco-Manitoban and immersion schoolchildren). The concluding section examines examples of bilingual writing (e.g. Beckett, Green, Léveillé).
Cross-listed: FREN-3205(3), LING-3305(3) and LING-4305(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3205 | LING-3305 | LING-4305 | RHET-3156.

FREN-4206 (3) French Morphology and Syntax (3 hrs Lecture) Based on the analysis of modern French, this course presents fundamental linguistic concepts, including nature and types of monemes, distributional and syntactic properties of morphemes, and the French verbal system (mood, tense and aspect). The syntax of simple, compound and complex sentences is studied in a transformational-generative perspective, as it applies to French. At the Honours level, in FREN-4206/LING-4304, additional approaches (mainly the functional and the cognitive) are used to examine complex utterances in various oral and written styles.
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-4112 | LING-4302 | LING-4304.
Requisite Courses: 6 credit hours in 2000-level French language/linguistics or permission of instructor [prerequisite(s)].

FREN-4283 (3) Life-Narratives in French Literature (3 hrs Lecture) In 20th and 21st century literature from Proust and Colette to Annie Ernaux and Le Clézio, the representation of the self has undergone several transformations in form, content and generic boundaries. The course studies different genres: autobiography, autofiction and memoir. Students explore the meanings of these texts and what they conceal about Modernity and our contemporary age. Students enrolled in FREN-4283(3)

also attend a weekly 75-minute seminar.
Cross-listed: FREN-3283(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3283.
Requisite Courses: 6 credit hours in 2000-level French Studies courses and permission of the Honours advisor or instructor [prerequisite(s)].

FREN-4284 (3) Modern and Contemporary Literature and Photography (3 hrs Lecture) This course studies the text-image relation, mainly the role of photography in literature, as well as various genres where visual image is essential. The course includes literary analysis by authors such as Roland Barthes, Hervé Guilbert and Patrick Modiano.
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours in 2000-level French Studies literature courses and permission of the Honours advisor [prerequisite(s)].

FREN-4385 (3) Transculturalism in Literatures of Europe and the Americas (3 hrs Lecture) Transcultural perspectives in the field of contemporary literary studies outlines to what extent the im(migrant) and the postcolonial writings contribute to the understanding of literatures of Europe and the Americas in a global world context. In this course, we study selected works by such authors as Le Clézio, Nothomb, Robin, Kokis, Laferrière and Martel in order to explain how different theories of inter, multi and transculturalism (Bouchard, Imbert, Kymlicka) lead to new representations of identity and otherness.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required.
Requisite Courses: Any 2nd or 3rd year French Literature or Language course [prerequisite(s)].

FREN-4580 (3) Littérature du XVIIIe siècle: Le siècle des Lumières (3 hrs Lecture) This course is intended to develop in the student an understanding and appreciation of the nature of literature and society in the eighteenth century. While emphasis vary from year to year, this course may include works by major authors such as Montesquieu, Prévost, Madame de Tencin, Francoise de Graffigny and Voltaire. Students also investigate trends such as *la crise de conscience européenne*, *le mythe du Sauvage*, *"Lumières" et Raison*, and *l'Encyclopédie*. Attention is given to relationships between literature and the arts. Students will also attend a weekly 75-minute seminar.
Cross-listed: FREN-3580(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3580.
Requisite Courses: 6 credit hours in 2000-level French Studies literature courses and permission of the Honours advisor [prerequisite(s)].

FREN-4581 (3) Littérature du XVIIIe siècle: Lumières et Révolution (3 hrs Lecture) This course is intended to study the relationships between literature and society in the eighteenth century. While emphasis will vary from year to year, this course may include works by major authors such as Diderot, Rousseau, Meaumarchais, and Isabelle de Charrière. Emphasis will be placed upon the development of literary styles and the history of ideas in scientific, philosophical, and political contexts. Students will also investigate some trends such as *philosophie et engagement au Siècle des "Lumières"*, *le libertinage*, *la condition de la femme et l'Ancien Régime*, *le droit des gens*, *la Révolution* and *le préromantisme*. Students will also attend a weekly 75-minute seminar.
Cross-listed: FREN-3581(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3581.
Requisite Courses: 6 credit hours of French Studies literature courses at the 2000-level and permission of the Honours advisor [prerequisite(s)].

FREN-4680 (3) Littérature du XVIIe siècle: Le Baroque (3 hrs Lecture) This course offers a critical study of literary works representative of the seventeenth century. While emphasis will vary from year to year, this course may include works by major authors such as Corneille, Scarron, Cyrano de Bergerac and Molière. The course will investigate such trends as *baroque*, *grotesque*, *romanesque*, and *libertinage*. Students will also attend a weekly 75-minute seminar.
Cross-listed: FREN-3680(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3680.
Requisite Courses: 6 credit hours of French Studies literature courses at the 2000-level and permission of the Honours advisor [prerequisite(s)].

FREN-4681 (3) Littérature du XVIIe siècle: Le Classicisme (3 hrs Lecture) This course offers a critical study of works representative of the rich literary production of the seventeenth century, dominated by Louis XIV and the Court of Versailles. While emphasis will vary from year to year, this course may include works by major authors such as Molière, Racine, La Fontaine, Madame de Sévigné and Madame de La Fayette. The course will investigate some of the changing concepts of tragedy and comedy, and trends such as *préciosité*, *classicisme*, *honnêteté* and *absolutisme*. Students will also attend a weekly 75-minute seminar.
Cross-listed: FREN-3681(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3681.
Requisite Courses: 6 credit hours of French Studies literature courses at the the 2000-level and permission of the Honours advisor [prerequisite(s)].

FREN-4730 (3) La Renaissance (3 hrs Lecture) This course offers a study of French prose and poetry of the sixteenth century, with emphasis on major figures such as Rabelais, Montaigne, Marguerite de Navarre, Du Bellay and Ronsard. Special attention will be given to developments in literary styles and to significant religious, scientific and philosophical ideas.
Restrictions: Honours Form Required.

FREN-4748 (3) Le Théâtre Classique (3 hrs Lecture | Seminar/Discussion) This course investigates some of the

changing concepts of tragedy and comedy in seventeenth-century and eighteenth-century French drama. Plays by the famous dramatists such as Molière, Racine, Marivaux, Voltaire and Beaumarchais are examined in light of major texts on the aesthetics of theatre, written by theorists such as Aristotle, Corneille, l'abbé d'Aubignac and Diderot. Class discussion includes a *table ronde* format.
Restrictions: Honours Form Required.

FREN-4760 (3) Nineteenth-Century Poets (3 hrs Lecture) This course offers an intensive and extensive study of selected nineteenth century poets in the context of a broad review of the history, the evolution and the poetics of the various French literary schools. Course work will be representative of the romantic, parnassian and the symbolist movements, and poets such as Lamartine, Musset, Vigny, Hugo, Baudelaire, Verlaine, Rimbaud, Gautier, and Leconte de Lisle will be studied. From both the historical and the aesthetic perspectives, the centrality of Baudelaire's *Fleurs du mal* will be emphasized.
Note: Permission of the Honours advisor is required to register.
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-4481.

FREN-4953 (3) The Contemporary Francophone Novel of Canada (3 hrs Lecture) In this course, students study a selection of contemporary Canadian francophone novels. The chosen texts represent major literary trends since 1960, and they vary in structure as well as the social, cultural and political questions they raise. Topics may include the uniquely Canadian narrative of Gabrielle Roy, Antonine Maillet's Acadian perspective, Marie-Claire Blais' revolutionary examination of the traditional Quebecois family, Réjean Ducharme's imagining of children's experiences, the dark worlds created by Gaétan Soucy, the feminist thought of Nancy Huston, and Ying Chen's take on the experience of immigration. Frequent discussions take a *table ronde* format. Students enrolled in FREN-4953(3) also attend a weekly 75-minute seminar.
Cross-listed: FREN-3953(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3953.
Requisite Courses: 6 credit-hours of French Studies literature courses at the 2000-level and permission of the Honours advisor or instructor [prerequisite(s)].

GEOGRAPHY

GEOG-1102 (3) Introductory Human Geography: People, Culture and Environment (3 hrs Lecture) Attitudes to the world are determined to a great extent by culture. The ways in which people behave, socially and geographically, are determined by systems of belief and cultural understandings. The focus of this introductory course is the role of culture in determining geographical patterns and landscapes. It will consider language, religion, rural and urban settlement, global and gender inequities, the expression of power in the landscape and the changing global political landscape. Emphasis will be placed on current developments in the tension areas of the world.

GEOG-1103 (3) Introductory Human Geography: Population, Place and Development (3 hrs Lecture) The growth of the human population, how this population earns its livelihood, and the various forms of settlement are placing serious strains on our environment. The ability to cope with these issues will determine the quality of life the world's population will experience in the future. The focus of this introductory course in population change and migration, various forms of economic activity, urbanization, levels of development and the implications of changes in these theme areas will be emphasized for the environment. Current developments in these areas will be emphasized and case studies from many areas of the world will highlight important concepts and issues. The course will illustrate how geographical concepts and tools can be used to analyse and inform these issues.

GEOG-1201 (3) Introductory Atmospheric Science (3 hrs Lecture | 2 hrs Lab) This course is an introduction to the atmospheric sciences of climatology and meteorology. The introduction to climatology examines how and why average atmospheric conditions (i.e., climates) vary from place to place and over time (e.g., over months, years, centuries). The introduction to meteorology surveys the nature of the atmosphere and the causes and characteristics of short-term atmospheric conditions (i.e., weather). Methods of collecting and analyzing climate and weather data are reviewed, as are the ways in which atmospheric processes interact with other components of the ecosphere (i.e., the biosphere, lithosphere, hydrosphere, humans).
Requisite Courses: GEOG-1201L (lab) (must be taken concurrently).

GEOG-1202 (3) Introductory Earth Science (3 hrs Lecture | 2 hrs Lab) This course introduces students to geomorphology, the study of landforms and landscapes on the surface of the Earth. Processes of geologic (mountain building, volcanism, etc.) and geomorphic change (weathering, erosion, and deposition by water, ice, and wind) will be surveyed.
Requisite Courses: GEOG-1202L (lab) (must be taken concurrently).

GEOG-2204 (3) Human Impact on the Environment (3 hrs Lecture) This course studies the causes, effects, and controls of detrimental change to the natural environment resulting from human activity. Emphasis will be given to issues pertaining to the alteration of ecosystems and the various types of air, water, and soil pollution.

GEOG-2207 (3) Climatology (3 hrs Lecture | 2 hrs Lab) This course examines climatological processes, at all scales (e.g., micro to macro), to arrive at an understanding of how and why climates vary spatially and temporally. It surveys the characteristics of the global climate system, but pays particular attention to the Northern Hemisphere and North America. Laboratory exercises involve the analysis and presentation of climatological data.
Requisite Courses: GEOG-1201 [prerequisite(s)]; GEOG-2207L (lab) (must be taken concurrently).

GEOG-2210 (3) Meteorology (3 hrs Lecture | 2 hrs Lab) This course surveys the causes and characteristics of weather. Fundamental thermodynamic and hydrodynamic principles of atmospheric physics will be reviewed. Common and severe/unusual weather phenomena will be explained, as will be the processes involved in the preparation of weather forecasts.
Requisite Courses: GEOG-1201 [prerequisite(s)]; GEOG-2210L (lab) (must be taken concurrently).

GEOG-2212 (3) Natural Hazards (3 hrs Lecture) This course examines the causes and characteristics of natural hazards. Emphasis is placed on the assessment of risk, the choice of adjustments, and differences between situations in developed and developing countries. Discussions will cover hurricanes, tornadoes, floods, earthquakes, and blizzards, as time permits.
Requisite Courses: GEOG-1201 or GEOG-1202 or permission of the instructor [prerequisite(s)].

GEOG-2213 (3) Introductory Soil Science (3 hrs Lecture | 2 hrs Lab) This course provides an introduction to pedology, the study of soils as physical entities in their own right. A review of the history of soil science is followed by a detailed introduction to soil forming factors and soil genesis. A brief review of the US Soil Taxonomy classification system then introduces a detailed review of the Canadian Soil Classification System, and the geographic distribution of soil types. This is followed by a review of the physical and chemical properties of soils, soil organisms and soil organic matter. The course concludes with an introduction to edaphology, the study of soils from the point of view of their plant cover. Laboratory sessions deal with the physical and chemical properties of soils using soil samples collected on one or more field trips, and with soil classification.
Restrictions: Students may not hold credit for this course and GEOG-2203.
Requisite Courses: GEOG-1201 and GEOG-1202 or permission of the instructor [prerequisite(s)]; GEOG-2213L (lab) (must be taken concurrently).

GEOG-2214 (3) Soil-Vegetation Systems (3 hrs Lecture | 2 hrs Lab) A review of edaphology, the study of soils from the point of view of their plant cover, is followed by an examination of soils as nutrient delivery systems to both natural cover and agroecosystems. Emphasis is placed on

macro- and micronutrient supply, the use of fertilizers and organic residues, the role of organic farming, and water supply, drainage and erosion. This is followed by a discussion of the basic ecological/physiological requirements of plants important in understanding vegetation formations and ecoclimatic regions. The course concludes with a major discussion of Canada's ecoclimatic regions and the relationships between their vegetation covers, soil types and climates. Laboratory work includes the determination of certain soil nutrient contents, and the role of soil organic matter, plant residues and plant cover in limiting erosion, and the ecoclimatic aspects of vegetation formation distribution.
Restrictions: Students may not hold credit for this course and GEOG-2203.
Requisite Courses: GEOG-2213 [prerequisite(s)]; GEOG-2214L (lab) (must be taken concurrently).

GEOG-2215 (3) Mineralogy and Petrology (3 hrs Lecture | 2 hrs Lab) Students are introduced to the chemical and physical properties of the common minerals and rocks. Emphasis is placed on the origin, composition and classification of the common minerals and rock types. Weekly laboratories provide the student with the skills necessary for routine identification of minerals and rocks in hand samples. Students are also introduced to the fundamentals of optical mineralogy, which include the practice of study and identification of minerals using the polarizing microscope and rock thin sections. An optional field trip highlighting local geological features serves as an introduction to field recognition and classification of minerals and rocks and their associated provenance.
Requisite Courses: GEOG-1202 or permission of the instructor [prerequisite(s)]; GEOG-2215L (lab) (must be taken concurrently).

GEOG-2216 (3) Physical Geology (3 hrs Lecture | 2 hrs Lab) This course surveys the elements of stratigraphy, structural geology, earthquakes, historical geology, and volcanism within the unifying concept of plate tectonics. Labs demonstrate the methods of determining the characteristics of major geological structures as they typically appear on maps and air photos.
Requisite Courses: GEOG-2215 [prerequisite(s)]; GEOG-2216L (lab) (must be taken concurrently).

GEOG-2218 (3) Fluvial and Hillslope Processes (3 hrs Lecture | 2 hrs Lab) This course examines geomorphic processes operating in rivers and on slopes. Among the topics discussed are the factors which influence the stability and form of slopes, the characteristics of watersheds and stream networks, the factors which govern the forms, patterns adjustments and long profiles of river channels, the transport of sediment in fluvial systems, the depositional features produced by streams, and the long-term evolution of entire landscapes. Labs emphasize both analytic methods and the interpretation of maps and air photos.
Restrictions: Students may not hold credit for this course and GEOG-2201.
Requisite Courses: GEOG-1202 [prerequisite(s)]; GEOG-2218L (lab) (must be taken concurrently).

GEOG-2219 (3) Glacial and Periglacial Processes (3 hrs Lecture | 2 hrs Lab) This course examines the geomorphic processes operating in glacial and periglacial environments. Topics discussed include the basic concepts of physical glaciology, glacial erosion and sedimentation, Quaternary geology and Pleistocene chronology, the methods used to interpret and reconstruct glacial and interglacial successions, the causes of global glaciation, periglacial processes and landforms, and the geomorphic significance of sea ice. Analytical and data acquisition techniques are emphasized in the labs.
Restrictions: Students may not hold credit for this course and GEOG-2201 | GEOG-2211.
Requisite Courses: GEOG-1202 or permission of the instructor [prerequisite(s)]; GEOG-2219L (lab) (must be taken concurrently).

GEOG-2304 (3) Computer Mapping (3 hrs Lecture | 2 hrs Lab) This course provides an introduction to the theory, practice, and methods of computer mapping. Students make use of existing cartographic and statistical data bases, as well as input information through digitizing and scanning, to construct thematic maps using various microcomputer software packages.
Requisite Courses: GEOG-1102 or GEOG-1103 or GEOG-1201 or GEOG-1202 or permission of the instructor [prerequisite(s)]; GEOG-2304L (lab) (must be taken concurrently).

GEOG-2306 (3) Introduction to Geographic Information Systems (3 hrs Lecture | 2 hrs Lab) This course provides a systematic overview of GIS methodology and theory covering the essential principles of data acquisition, input, storage, manipulation, and output. The laboratory component of this course provides hands-on experience using industry standard software.
Requisite Courses: GEOG-2304 or permission of the instructor [prerequisite(s)]; GEOG-2306L (lab) (must be taken concurrently).

GEOG-2309 (3) Statistical Techniques in Environmental Analysis (3 hrs Lecture | 1 hrs Lab) Statistics describe and summarize data, and make predictions about a population from the information contained in samples. This course provides a working understanding of the elementary statistical techniques and computational procedures for students with little background in mathematics, and focuses on the applications of these tools to the analyses of geographical and environmental data. Topics include scales of measurement, univariate descriptive statistics, time series analysis, probability, sampling design, hypothesis testing, regression and correlation analysis, and models as quantitative techniques.
Restrictions: Students may not hold credit for this course and GEOG-2310.
Requisite Courses: GEOG-1102 or GEOG-1103 or GEOG-1201 or GEOG-1202 or permission of the instructor [prerequisite(s)]; GEOG-2309L (lab) (must be taken concurrently).

GEOG-2316 (3) Introduction to Remote Sensing (3 hrs Lecture | 2 hrs Lab) This course introduces the principles

of remote sensing and image analysis with a focus on the physics, sensor technology, processing, interpretation and applications of remotely sensed imagery with a specific emphasis on optical sensors and technologies.
Restrictions: Students may not hold credit for this course and GEOG-3304.
Requisite Courses: GEOG-2304 or permission of the instructor [prerequisite(s)]; GEOG-2316L (lab) (must be taken concurrently).

GEOG-2401 (3) Agricultural Geography (3 hrs Lecture) A study of agriculture from the viewpoint of physical and cultural environments, systems of exploitation, regional analysis, and a survey of the world's major agricultural activities.

GEOG-2407 (3) Recreation Geography (3 hrs Lecture) Expanded leisure time has led to increased demands on recreational space from the level of the city park and playground to the use and abuse of wilderness areas. This course discusses the concept of competing and multifacial recreational space use. Emphasis is put upon topical questions.
Requisite Courses: GEOG-1102 or GEOG-1103 or permission of the instructor [prerequisite(s)].

GEOG-2408 (3) Environmental Perception and Human Behaviour (3 hrs Lecture) This course will focus on varied themes and topics relating to perceptions of physical and social environments. Variations in the perception, images, and attitudes held by individuals and groups within different societies will be examined and related to varied behavioral responses within a spatial and environmental context. Topics of interest in this course are (1) perception of natural hazards (floods, droughts, frosts, hail, etc.); (2) perception of natural resources and the management of natural resources; (3) images of urban neighbourhoods, cities, metropolitan regions, provinces, countries, the world; (4) mental maps; (5) attitudes towards resource development and the implications for local, regional, and national planning.
Requisite Courses: GEOG-1102 or permission of the instructor [prerequisite(s)].

GEOG-2411 (3) Geography of Globalization (3 hrs Lecture) This course engages the topic of globalization from a specifically geographical perspective. In today's world, a small minority of people lead relatively affluent lives. For the majority, however, life is a constant struggle for survival. At the same time, the statement that we live in one world has probably never been truer. The struggle of the many is related very strongly to the comfort of the few. This course will examine the impact of globalization on different types of economies and the political, social, cultural, and environmental change that people experience in an interconnected "one world".
Requisite Courses: GEOG-1103 or permission of the instructor [prerequisite(s)].

GEOG-2412 (3) A Geographical Perspective on Tourism (3 hrs Lecture) Tourism is the world's most rapidly growing industry. It is now essential to the Canadian economy, and is the mainstay of many other national economies. This course provides a broad overview of the world tourism industry that includes a geo-historical perspective on the origins, evolution, and growth of tourism, the structure of the tourism industry, tourism market segments, destinations and demands, and the impacts of tourism on both tourists themselves and their host communities. Concepts of capacity and sustainable tourism are addressed. Some attention is given to local, regional, and Canadian development strategies and special topics in tourism.
Requisite Courses: GEOG-1102 or GEOG-1103 or permission of the instructor [prerequisite(s)].

GEOG-2414 (3) The Urban Environment (3 hrs Lecture) Cities are artificial environments. They absorb vast quantities of resources from surrounding areas and create great volumes of waste. They can also have a tremendous effect on their surrounding hinterland. Their "ecological footprint" is significant. This course examines the structure and activities of cities and the resulting effects on the environment. Approaches to developing more sustainable and environmentally sensitive cities are discussed.
Requisite Courses: GEOG-1103 or GEOG 2415 or permission of the instructor [prerequisite(s)].

GEOG-2415 (3) An Introduction to Urban Development (3 hrs Lecture) This course will examine the origins and evolution of cities, urban design, morphologic and townscape elements, and the economy and structure of urban systems.

GEOG-2416 (3) Sex, Gender, Space and Place (3 hrs Lecture) This course examines, from interdisciplinary perspectives including those of Women's and Gender Studies, Geography, and Environmental Studies, relationships among sex, gender, space and place in societies, cultures, environments, and ecosystems. Selected relevant topics are considered, such as ecofeminism, the cultural politics and political geography of sex and sexual identities, the gendering and sexing of city landscape and architecture, notions of public and private space, and the space/place in the sociocultural construction of femininity and masculinity. We consider how sex, gender, race, ethnicity, class, sexuality, and other aspects of identity affect the transformation of space into place.
Cross-listed: ENV-2416(3) and WGS-2416(3).
Restrictions: Students may not hold credit for this course and ENV-2416 | WGS-2416.
Requisite Courses: GEOG-1102 and GEOG-1103, or ENV-1600, WGS-1232 or permission of the instructor [prerequisite(s)].

GEOG-2417 (3) An Introduction to Economic Geography (3 hrs Lecture) This course is designed to introduce the student to the basic principles of economic geography. The course is divided into two main topic areas. The first is an introduction to location theory, and the second introduces regional economic development. In essence, location theory attempts to determine why economic activities are located where they are or why they should be located in one place as opposed to another. It looks at all types of economic activity, including

agriculture, manufacturing, and retail. The second topic, examining economic development and trade, seeks to explain why some regions prosper while others do not. It also examines strategies that will enable a region to enhance its economic development potential and explains patterns of trade.
Restrictions: Students may not hold credit for this course and GEOG-2409.
Requisite Courses: GEOG-1103 or permission of the instructor [prerequisite(s)].

GEOG-2419 (3) Resource Development and the Canadian Environment (3 hrs Lecture) This course examines the changing dynamics of natural resource development. In discussing different resources, including energy, extrative and consumptive industries, the course contrasts historic and modern approaches to development. Particular attention is given to the environmental consequences of primary resource production, as well as the role that these industries play in modern Canadian society.
Restrictions: Students may not hold credit for this course and GEOG-2409.
Requisite Courses: GEOG-1102 or ENV-1600 or permission of the instructor [prerequisite(s)].

GEOG-2431 (3) Population Geography (3 hrs Lecture) This course examines the history of the growth of the world's population and the present day crises inherent in both the numbers and distribution of the global totals. Special attention is paid to the problems of defining such terms as "over-population" and to the lack of correlation between population, resources and technology.
Restrictions: Students may not hold credit for this course and GEOG-3401.
Requisite Courses: GEOG-1103 or permission of the instructor [prerequisite(s)].

GEOG-2503 (3) Manitoba's Physical and Human Environments (3 hrs Lecture) The main physical features of Manitoba are examined first. The second part of the course deals with rural settlement, beginning with the Red River Settlement and proceeding to the main homesteading period from 1870 to 1930. In the third part of the course, emphasis is given to economic development in Northern Manitoba, flood control works in the Red River Valley, and aspects of Winnipeg's growth, relative decline, and ethnic mix.
Restrictions: Students may not hold credit for this course and GEOG-2500.
Requisite Courses: A minimum of 3 credits of 1000-level Geography courses or permission of the instructor [prerequisite(s)].

GEOG-3204 (3) Climate Change and Variability (3 hrs Lecture) The causes and characteristics of regional and global climate change and variability will be examined, as will be the methods of reconstructing climate histories. Emphasis will be placed on the North American experience. Topics will include atmosphere teleconnections (e.g., El Nino and La Nina), global warming, and climate forecasting.
Requisite Courses: GEOG-2207 or permission of the instructor [prerequisite(s)].

GEOG-3210 (3) Hydrology (3 hrs Lecture | 2 hrs Lab) This course examines all major components (precipitation, evaporation, streamflow, groundwater) of the hydrologic cycle with the most attention being given to surface hydrology. The emphasis throughout the course will be placed upon the methods by which each component may be measured or estimated. Additional topics to be covered include the causes and consequences of floods, flood frequency analysis, estimation of peak streamflows, snow hydrology, sediment transport, water balance methods, and urban hydrology. Weekly assignments will provide experience in the practical aspects of data treatment, measurement techniques, and methods of prediction. This course is offered in alternate years.
Requisite Courses: GEOG-1201 and GEOG-1202 or permission of the instructor [prerequisite(s)]; GEOG-3210L (lab) (must be taken concurrently).

GEOG-3211 (3) Karst and Coastal Geomorphology (3 hrs Lecture | 2 hrs Lab) Nearly a third of Manitoba is made up of rocks highly susceptible to chemical solution, and surficial and subterranean karstification is an important aspect of landscape development in the province. Canada possesses the longest coastline in the world; Manitoba is the only prairie province with a sea coast; and Manitoba's lacustrine shorelines show many examples of the same features seen in marine environments. This course examines the distinct processes and landscapes in regions of carbonate rocks and evaporites, and in the coastal zone. Practical laboratory work and field investigations will be integral parts of this course.
Requisite Courses: GEOG-2218 and GEOG-2219 [prerequisite(s)]; GEOG-3211L (lab) (must be taken concurrently).

GEOG-3215 (3) Biogeography (3 hrs Lecture) This course first addresses the history of biogeography and the contemporary views on both species diversity and biodiversity. This is followed by an examination of the role of plate tectonics in helping account for contemporary floral and faunal realms, a review of MacArthur and Wilson's "equilibrium theory of island biogeography", and a consideration of how species colonize isolated locations such as islands. Anthropogenic alterations of natural ecosystems are then reviewed in terms of nutrient cycling disruptions, and the course concludes with an examination of both natural and human induced vegetation cover changes during the Holocene Epoch.
Requisite Courses: GEOG-2213 and GEOG-2214, or the former GEOG-2203, or permission of the instructor [prerequisite(s)].

GEOG-3216 (3) Arctic Environments (3 hrs Lecture) The Arctic comprises about one-third of Canada but most 'southern' Canadians have little more than a passing knowledge of its character. This course is designed to improve our understanding of the physical environment, ecology, history, people, economy, and political development of a region which becomes less remote from the affairs of the nation each year.
Requisite Courses: GEOG-1201 and GEOG-1202 or permission of the instructor [prerequisite(s)].

GEOG-3218 (3) Global Biogeochemical Cycles (3 hrs Lecture) This course examines global cycles of water and major elements, including carbon, nitrogen, phosphorus, and sulfur as expressed in atmospheric, terrestrial, ocean and freshwater environments. This course covers topics such as interactions between cycles and the Earth's climate; interactions between global and local processes; and impacts of human pressures such as land use change and pollution. These topics are explored using current scientific literature, lectures, group discussions and class participation.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: GEOG-1201 and GEOG-1202 of permission of the Instructor [prerequisite(s)].

GEOG-3219 (3) Quaternary Environments (3 hrs Lecture) The Quaternary is a period of dramatic climatic changes. This course examines the consequences of Quaternary climatic fluctuations on the physical environment. Consideration will be given to some of the important evidence and techniques used to reconstruct Quaternary environments and chronology.
Requisite Courses: Any second year physical geography course or permission of the instructor [prerequisite(s)].

GEOG-3306 (3) Advanced Geographic Information Systems (3 hrs Lecture | 2 hrs Lab) This course deals with advanced theory and applications within GIS including 3D modeling, spatial analysis, geostatistical analysis, network analysis, and data creation, management and fusion with other data sources and types. Laboratory instruction provides the students with enhanced skills through exposure to the higher-level functions of industry standard GIS software.
Requisite Courses: GEOG-2306 or GEOG-3302 or permission of the instructor [prerequisite(s)]; GEOG-3306L (lab) (must be taken concurrently).

GEOG-3307 (3) Advanced Computer Mapping (3 hrs Lecture | 2 hrs Lab) Topics introduced in GEOG-2304(3) (Computer Mapping) are expanded upon, and new topics are presented, through a series of seminars on selected areas of current cartographic research. Government agencies and businesses involved in a map production are visited in order to examine methods and technology used in spatial data collection, handling and transfer. Lab work includes creating interactive hyperlinked maps and animated maps, showing spatial change over time. A significant component of this course is the completion of a substantial mapping project.
Requisite Courses: GEOG-2304 or permission of the instructor [prerequisite(s)]; GEOG-3307L (lab) (must be taken concurrently).

GEOG-3319 (3) Advanced Remote Sensing (3 hrs Lecture | 2 hrs Lab) This course provides instruction on advanced image processing and classification techniques. These techniques are applied to the study of physical and human environments through a series of laboratory exercises and assignments. Students also gain exposure to RADAR and hyperspectral remote sensing including exposure to handheld imaging devices.
Requisite Courses: GEOG-2316 or permission of the instructor [prerequisite(s)]; GEOG-3319L (lab) (must be taken concurrently).

GEOG-3330 (3) Research Methods in Geography (3 hrs Lecture) This course introduces students to skills for conducting geographic research, and explores the uses, limitations, and methods associated with quantitative and qualitative analysis in human and physical geography. These skills are relevant for careers in academic and professional fields. Topics include primary data collection and analyses, questionnaire design and structured interviews, data assembly and interpretation, research design and ethics, and the presentation of research results. This courses includes a significant practical element.
Requisite Courses: GEOG-1102 and GEOG-1103 and GEOG-1201 and GEOG-1202 and GEOG-2309 or permission of the instructor [prerequisite(s)].

GEOG-3402 (3) Urbanization in the Developing World (3 hrs Lecture) The process of urbanization is now a developing, as opposed to a developed, world phenomenon. This course will explore the factors promoting urbanization in the developing world and discuss models of third world cities. The emphasis will be on problems facing the cities and the solutions that have been attempted. Specific topics will include urban growth and management, urban services, squatter settlements, the housing market, survival tactics of the urban poor, urban government, and the function of the city in the developing world.
Requisite Courses: GEOG-1103 or GEOG-2415 or permission of the instructor [prerequisite(s)].

GEOG-3408 (3) Water Resources (3 hrs Lecture) The following are just some of the topics developed: the Columbia River Treaty, the Churchill Diversion, is Canada's water for sale? In predicting future Canadian needs for water, the relative merits of direct and indirect methods of forecasting are assessed. Analytical techniques such as economic base, input-output, and cost-benefit are fully developed.
Requisite Courses: GEOG-1102 or permission of the instructor [prerequisite(s)].

GEOG-3411 (3) Heritage Conservation and Tourism (3 hrs Lecture) Tourism is the world's largest growth industry, with cultural tourism being its most rapidly growing sector. Cultural tourism is highly dependent on the development, interpretation, and marketing of a region's heritage resources (i.e., its folk arts, historic sites, architecture and rural land urban landscapes). This course examines the nature of heritage resources and reviews the processes of their identification and the strategies for their development. Preservation, interpretation and management techniques and their relationship to the needs of the tourist industry will be discussed. The emphasis of the course will be on the problems of heritage resource

development in North America, particularly in western Canada.
Requisite Courses: GEOG-1102 and GEOG-1103 or permission of the instructor [prerequisite(s)].

GEOG-3413 (3) Urban Revitalization: Rebuilding of Decaying Cities (3 hrs Lecture) Issues surrounding growth and development have been replaced by concerns about decline and revitalization in many North American and European cities. This course will focus on urban decline and revitalization efforts. Theories of decline and the demographic, economic, and physical changes that occur in declining city neighbourhoods will be discussed. The course will then explore revitalization efforts, drawing extensively on case study material from selected cities as well as field and project work within Winnipeg. Broad approaches to revitalization, revitalizing the commercial sector, attracting people back to the inner city, leadership and the role of partnerships, rejuvenating older, greying suburban neighbourhoods, and planning for long term sustainability will be among the topics discussed.
Requisite Courses: GEOG-2415 or permission of the instructor [prerequisite(s)].

GEOG-3415 (3) Contested Space: A Geography of Place (3 hrs Lecture) The "new cultural geography" stresses the relationship between space and culture, examining culture as it is constituted through space and as place. The course explores the struggles that make cultures and how they are worked out in particular spaces and places (i.e., landscapes). It also discusses spatial aspects of ideologies of race, the role of language and discourse in defining cultural spaces, the development and maintenance of subcultures, immigration as sources of tensions in the contemporary world, issues of gender, and the ways in which landscapes and places carry the physical and symbolic imprints of cultural wars.
Requisite Courses: GEOG-1102 or GEOG-1103 or permission of the instructor [prerequisite(s)].

GEOG-3430 (3) Housing and the Neighbourhood (3 hrs Lecture) This course examines the complexity of shelter environments within the urban landscape. The focus is on the North American housing market, the history of housing, and the way in which traditional and non-traditional markets are defined and understood. The unique characteristics of the modern city are examined as they are manifested in homelessness, marginal housing forms, shelter-induced poverty, suburban decline, and inner-city issues. Emphasis is also placed on current/historical policy and program responses to housing-related issues at the neighbourhood, municipal, provincial, and federal level.
Cross-listed: UIC-3430(3).
Restrictions: Students may not hold credit for this course and UIC-3430.
Requisite Courses: GEOG-1102 or UIC-1001 [prerequisite(s)].

GEOG-3431 (3) Health Geography (3 hrs Lecture) This course is an introduction to the sub-discipline of health geography designed to explore how the geographical focus on place contributes to a better understanding of health and well being. The course is structured to examine both ecological perspectives of the relationship between humans and disease, as well as how the social, built, and natural contexts of the environment in which we live have profound effects on health and health care. Concepts within health geography will be synthesized to consider its potential as an approach for health-related research. Additionally, the use of geographic techniques and tools are explored including mapping, spatial analysis and qualitative inquiry.
Restrictions: Students may not hold credit for this course and GEOG-2418.
Requisite Courses: GEOG-2431(3) or the former GEOG-3401(3) or permission of the instructor [prerequisite(s)].

GEOG-3432 (3) Urban and Community Planning (3 hrs Lecture) Urban planning is a process that has importance for the quality of life of those who live in inner-city and downtown neighbourhoods. According to Friedmann, planning is an interdisciplinary field that "links knowledge to action". This course examines traditions, theories and values in planning practice and highlights the important role in planning of civil society and community. Broad approaches to planning in Canada, the USA, and Britain, and specific processes and policies in Winnipeg, provide students with background on planning systems. The emphasis in this course is on practical knowledge and skills for community organizers.
Cross-listed: UIC-3030(3).
Restrictions: Students may not hold credit for this course and UIC-3030.
Requisite Courses: UIC-1001 or UIC-2001 or GEOG-1103 [prerequisite(s)].

GEOG-3443 (3) Advanced Tourism and Recreation Geography (3 hrs Seminar/Discussion) This course is based on a selection of advanced readings on topics and problems dealing with recreational and tourism behavior, the supply and demand for different types of recreational space and tourism facilities, and issues of sustainability. A research project may be required of each student.
Restrictions: Students may not hold credit for this course and GEOG-4407 | GEOG-4443.
Requisite Courses: GEOG-2412(3) or GEOG-3411(3) or permission of the instructor [prerequisite(s)].

GEOG-3445 (3) Power, Knowledge, Geography (3 hrs Seminar/Discussion) This course examines the power of geographical ideas in shaping social values and understandings. Seminars focus on analyzing spatial formations of various historical and contemporary topics such as colonialism, nationalism, warfare, popular culture, science, racism, surveillance, the body, genocide, the climate crisis, and fundamentalism. Students are asked to consider how 'the production of space' accompanies and influences the production of knowledge, revealing connections between geography and power.
Restrictions: Students may not hold credit for this course and GEOG-4415 | GEOG-4445.
Requisite Courses: Any second year systematic human geography (GEOG-24XX) or regional geography (GEOG-25XX) course or permission of the instructor [prerequisite(s)].

GEOG-3508 (3) Geographical Issues in the Developing World (3 hrs Lecture) Focusing on Asian, African, and Latin American countries, this course concentrates on development theories and issues. The course content includes discussion of the historical, political, socio-economic, cultural, and demographic factors important to the development equation and illustrates how these factors vary from region to region. Special attention is paid to newsworthy and unfolding issues of the day in the developing areas of the world.
Requisite Courses: GEOG-1102 or GEOG-1103 or permission of the instructor [prerequisite(s)].

GEOG-3509 (3) Canada's Physical and Human Environments (3 hrs Lecture) Students are introduced to 'regionalism' as a geographical interpretation of Canada. The country's main regions are examined with an emphasis on how the physical and human environments of each have interacted to give it a unique character. Theory and methodology in regional geography are also considered with a focus on the evolution of Canadian geographical thought.
Restrictions: Students may not hold credit for this course and GEOG-3501_6.
Requisite Courses: A minimum of 3 credit hours at the 1000 level or permission of the instructor [prerequisite(s)].

GEOG-3510 (3) Prairie Landscapes (3 hrs Lecture) The Canadian Prairies are recognized as a main geographical region of Canada. This course focuses on the making of the human landscape of the region, although geological structure, climate, natural vegetation, and other physical features are included. The roles of Aboriginal Peoples and European and other immigrants in creating human landscapes are examined.

GEOG-3511 (3) Topical Regions in Geography (3 hrs Lecture) This course is a systematic study of a topical world region from a geographic perspective. For the particular region selected for study, emphasis is placed on historical, political, socio-economic, cultural, demographic, and urban-rural development aspects as appropriate. The region of study will vary from year to year, with particular attention paid to regions currently or recently dominating world events.
Requisite Courses: GEOG-1102 or GEOG-1103 or permission of the instructor [prerequisite(s)].

GEOG-3512 (3) The Human Geography of Northern Canada (3 hrs Lecture) This course investigates contemporary issues in Canada's arctic and subarctic regions, focusing on the three territories: Yukon, Northwest Territories, and Nunavut. This region continues to be subjected to a variety of changes in the political, social and economic landscapes. The purpose of this course is to provide students insight into how these changes impact the human geography of northern Canada. Special attention is paid to ongoing and newsworthy issues. This course fulfills the Indigenous Requirement.
Requisite Courses: GEOG-1102 or permission of the instructor [prerequisite(s)].

GEOG-4203 (3) Topics in Climatology (3 hrs Seminar/Discussion) This seminar course requires students to complete climate-related research projects, either individually or as a group. Research topics will vary to suit the interests of both the Instructor and the students.
Restrictions: Honours Form Required.
Requisite Courses: GEOG-2207, or the former GEOG-2205, or the former GEOG-2206, or permission of the instructor [prerequisite(s)].

GEOG-4212 (3) Topics in Earth Sciences (3 hrs Seminar/Discussion | 3 hrs Lab) The course examines current and historically significant concepts in fluvial and glacial geomorphology, geology, and related earth sciences, particularly those which produced lasting shifts in the way earth science phenomena are interpreted. Among the broad subject areas which are discussed are concepts in landscape evolution, the characteristics, patterns and metamorphosis of river channels, glacial spillways on the Prairies, catastrophic drainage of ice sheets, patterns of glacial erosion, geomorphic thresholds, plate tectonics theory, and asteroid impact and the Geologic Time Scale.
Restrictions: Honours Form Required.
Requisite Courses: 6 credits hours from GEOG-2215, GEOG-2216, GEOG-2218, or GEOG-2219 or the former GEOG-2201 or the former GEOG-2202 [prerequisite(s)].

GEOG-4215 (3) Projects in Earth Science (3 hrs Seminar/Discussion) This course discusses state-of-the-art geomatics techniques that can be applied to understanding and monitoring the Earth's surface environment, as well as other planetary surfaces. These include techniques for monitoring water quality, vegetation health, greenhouse gases, and planetary surface mapping. Lectures are supplemented by individual research projects that apply geomatics concepts to particular aspects of terrestrial and planetary monitoring.
Restrictions: Honours Form Required.
Requisite Courses: GEOG-1201 and GEOG-1202; or GEOG-2215 or GEOG-2316 or GEOG-3319 and permission of instructor [prerequisite(s)].

GEOG-4219 (3) Physical Geography Seminar (3 hrs Seminar/Discussion) This course integrates aspects of physical geography and examines contemporary concepts and issues in earth science, atmospheric science, and biogeography. Research topics vary to suit the interests of the students and the expertise of the instructor.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Department Permission Required.
Requisite Courses: 6 credit hours in Physical Geography at or above the 2000 level [prerequisite(s)].

GEOG-4231 (3) Topics in Biogeography (3 hrs Seminar/Discussion) This course provides a synthesis of the geographical aspects in the development and concepts within biogeography and shows how descriptions or analysis of the delicate balances within the biosphere can be approached through the use of ecological principles.

Particular attention will be given to inadvertent modification of the biosphere.
Restrictions: Honours Form Required.
Requisite Courses: GEOG-3215, or GEOG-2213 and GEOG-2214 and permission of the instructor [prerequisite(s)].

GEOG-4320 (3) Projects in Geomatics (3 hrs Lecture) Students work in small groups to develop geomatics applications addressing selected planning, environmental management or research problems. Emphasis is on conceptual design of the selected application and implementation of a prototype solution using GIS and remote sensing approaches to problem solving. Students undertake team projects solicited from a number of external organizations through a team approach. Practical aspects of GIS project management such as team building, production of work plans and schedules, and the writing and presenting of final reports are introduced through this approach. Final results are presented in both oral and writted reports.
Restrictions: Honours Form Required.
Requisite Courses: GEOG-3307 or GEOG-4307, and GEOG-3319 or GEOG-4308 or permission of the instructor [prerequisite(s)].

GEOG-4321 (3) Topics in Geomatics I (3 hrs Lecture) This course provides a synthesis of the current developments within the field and study of geomatics as it relates to hyperspectral remote sensing. Particular attention is given to applications that have a focus on physical and urban systems. Additional topics are integrated where appropriate. Students are required to select an area of interest and lead class discussions based on their selection.
Restrictions: Honours Form Required.
Requisite Courses: GEOG-3307 or GEOG-4307, and GEOG-3319 or GEOG-4308, or permission of the instructor [prerequisite(s)].

GEOG-4322 (3) Topics in Geomatics II (3 hrs Lecture) This course provides a synthesis of the current developments within the field and study of geomatics with a focus on synthetic aperture radar for physical and urban systems. Additional topics within this course include LIDAR mapping, GPS surveying and advanced spacial analysis. Students are required to select an area of interest and lead class discussions based on their selection.
Restrictions: Honours Form Required.
Requisite Courses: GEOG-3307 or GEOG-4307, and GEOG-3319 or GEOG-4308, or permission of the instructor [prerequisite(s)].

GEOG-4403 (3) Urban Land Use Developmental Processes (3 hrs Seminar/Discussion) An investigation of the processes by which urban development occurs and a critical appraisal of resultant urban forms. Some consideration will be given to the evaluation of relevant theory and to the nature and effect of planning controls on urban form. This course alternates with GEOG-4404(3).
Restrictions: Honours Form Required.
Requisite Courses: GEOG-2414 or GEOG-2415 [prerequisite(s)].

GEOG-4404 (3) Field Research in Urban Geography (3 hrs Field Study | 3 hrs Seminar/Discussion) This course investigates, examines and appraises the major varieties of primary and secondary materials available for the study of urban areas. Particular emphasis will be placed on the acquisition and evaluation of local material, and the course will therefore call for students to be engaged in field research. This course alternates with GEOG-4403(3).
Restrictions: Honours Form Required.
Requisite Courses: GEOG-2414 or GEOG-2415 [prerequisite(s)].

GEOG-4409 (3) Architecture and City Planning (3 hrs Lecture) This course explores the relationship between architecture and the city form, functions and planning in the social and historical context of the 20th century. Planning theory and practice is more specialized and separated from architectural theory. Yet, architecture has an important visual and functional impact on the urban form of the city and its planning. We survey the major architectural schools (Art Nouveau, Bahaus, International Style) and the cultural avant-garde trends (Futurism, Surrealism, Situationism), and their relationship to and impact on city planning are surveyed.
Restrictions: Honours Form Required.
Requisite Courses: GEOG-2414 or GEOG-2415, or the former GEOG-2406 or permission of the instructor [prerequisite(s)].

GEOG-4441 (3) Advanced Studies in Environmental Perception (3 hrs Seminar/Discussion) This course will consist of seminars examining selected topics relating to perceptions of physical and cultural environments. It will review and evaluate methods employed by geographers in the field of environmental perception. Whenever possible, students will be encouraged to apply these methods to local problems in natural hazards, mental mapping, and landscape aesthetics. This course will be of interest to students with an orientation to either physical or cultural geography.
Restrictions: Honours Form Required.
Requisite Courses: GEOG-2408 [prerequisite(s)].

GEOG-4443 (3) Advanced Tourism and Recreation Geography (3 hrs Seminar/Discussion) This course is based on a selection of advanced readings on topics and problems dealing with recreational and tourism behavior, the supply and demand for different types of recreational space and tourism facilities, and issues of sustainability. A research project may be required of each student. Additional in-depth work is required to receive credit at the 4000-level.
Restrictions: Students may not hold credit for this course and GEOG-3443 | GEOG-4407.
Requisite Courses: GEOG-2412(3) or GEOG-3411(3) or permission of the instructor [prerequisite(s)].

GEOG-4445 (3) Power, Knowledge, Geography (3 hrs Seminar/Discussion) This course examines the power of geographical ideas in shaping social values and understandings. Seminars focus on analyzing spatial formations of various historical and contemporary topics

such as colonialism, nationalism, warfare, popular culture, science, racism, surveillance, the body, genocide, the climate crisis, and fundamentalism. Students are asked to consider how 'the production of space' accompanies and influences the production of knowledge, revealing connections between geography and power. Additional in-depth work is required to receive credit at the 4000-level.
Restrictions: Students may not hold credit for this course and GEOG-3445 | GEOG-4415.
Requisite Courses: Any second year systematic human geography (GEOG-24XX) or regional geography (GEOG-25XX) course or permission of the instructor [prerequisite(s)].

GEOG-4450 (3) Geographic Perspectives on Environment and Sustainability (3 hrs Seminar/Discussion) This course considers geographic and environmental appproaches to sustainable staples-based development, particularly as they apply to water, energy, and mining. Discussion begins by outlining change, complexity, uncertainty, and conflicts associated with primary and derived resources, including those contributing to climate change. Important technological innovations and policy developments designed to address these challenges are contemplated. Topics include corporate social responsibility policies, public-private initiatives, community-based resource management, adaptive management, and social learning through public participation.
Cross-listed: ENV-4450(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ENV-4450.
Requisite Courses: Two of GEOG-2204, GEOG-2212, GEOG-3408, GEOG-3508, ENV-2603, or permission of the instructor [prerequisite(s)].

GEOG-4701 (3) Directed Readings in Human Geography (3 hrs Directed Reading) This course exposes students to contemporary and topical issues of human geography through authoritative readings compiled by the instructor. The student is required to produce a short dissertation.
Restrictions: Department Permission Required.

GEOG-4702 (3) Directed Readings in Physical Geography (3 hrs Directed Reading) This course exposes students to contemporary and topical issues of physical geography through authoritative readings compiled by the instructor. The student is required to produce a short dissertation.
Restrictions: Department Permission Required.

GEOG-4703 (3) Directed Readings in Geomatics (3 hrs Lecture) This course exposes students to contemporary and topical issues of geomatics through authoritative readings compiled by the instructor. Students are required to produce a short essay on a topic agreed upon by the instructor and the student.
Restrictions: Instructor Permission Required.

GEOG-4801 (3) Geography Field Seminar (30 hrs Field Study | 3 hrs Seminar/Discussion) This course deals with the practical methodologies and problems associated with field research. Students are introduced to the necessary skills required for the acquisition, analyses, and presentation of primary field data. In addition to oral and written presentations of their research, students are required to participate in an intensive 10 day field camp at an off-campus venue prior to the start of the Fall Term lectures. Students should consult with the Chair of the Geography Department regarding the availability of this course and the location of field camp.
Restrictions: Instructor Permission Required.
Requisite Courses: GEOG-3330 and permission of the instructor [prerequisite(s)].

GEOG-4901 (6) Honours Geography Thesis (3 hrs Project / Thesis) The Honours thesis provides the student with the opportunity to design and complete an original research project on a subject of interest and relevant to the discipline. In addition to completing the project, students in this course are expected to meet with a faculty supervisor on a regular schedule throughout the academic year. Presentation of their research results verbally and in thesis form to the Geography Department is an integral part of the course.
Restrictions: Honours Form Required.
Requisite Courses: GEOG-3330, 36 credit hours in Geography, a Geography GPA of at least 3.0, and permission of the Department Chair [prerequisite(s)].

GERMAN STUDIES

GERM-1001 (6) Introductory German (3 hrs Lecture | 1 hrs Lab) This course is designed for students who have no previous knowledge of German and who wish to acquire a command of the written and spoken language. Its main aim is to provide a solid base in vocabulary, grammar, and pronounciation. Weekly oral practice classes and computer exercises supplement the course in order to give the student additional practice in the practical applications of the language.
Note: Students who have AP German Language, the International Baccalaureate in German, or the Deutsches Sprachdiplom 2 or who have received a year or more of their secondary school education in a German-speaking environment may not receive credit for this course.
Requisite Courses: GERM-1001L (lab) (must be taken concurrently).

GERM-2001 (6) Intermediate German (3 hrs Lecture | 1 hrs Lab) The aim of this course is to enable students to increase their proficiency in the following skills: writing, reading, aural comprehension, and oral expression. Class time is devoted to the systematic review of grammar essentials, discussion of short literary texts and non-fiction on topics of current interest, written compositions and practice in the spoken language. Additional practice is undertaken during a one-hour session of small-group work each week.
Note: Students who have AP German Language, the International Baccalaureate in German, or the Deutsches Sprachdiplom 2 or who have received a year or more of their secondary school education in a German-speaking environment may not receive credit for this course.
Requisite Courses: German 40S or GERM-1001 with a minimum grade of B [prerequisite(s)]; GERM-2001L (lab) (must be taken concurrently).

GERM-2101 (3) Studies in German Culture I (3 hrs Lecture) This course offers a broad survey of cultural developments in German-speaking Europe from the Middle Ages to the Romantic period at the beginning of the 19th century. Slides, films, and audio recordings will help to present developments in art, architecture, music, and the social/political background, while writings by authors such as Luther, Grimmelshausen, Kant, Lessing, and Goethe will allow for discussion of themes and issues in the context of their times.
Cross-listed: HIST-2323(3).
Restrictions: Students may not hold credit for this course and GERM-3101 | HIST-2323.

GERM-2102 (3) Studies in German Culture II (3 hrs Lecture) This course offers a broad survey of cultural developments in German-speaking Europe from the beginning of the 19th century to the present. Slides, films, and audio recordings will help to present developments in art, architecture, music, and the social/political background, while writings by authors such as E.T.A. Hoffmann, Marx, Freud, Kafka, Brecht, and Christa Wolf will allow for discussion of themes and issues in the context of their times.
Cross-listed: HIST-2324(3).
Restrictions: Students may not hold credit for this course and GERM-3102 | HIST-2324.

GERM-2109 (3) Advanced Intermediate German I (3 hrs Lecture) This course is designed to help students make the transition from the intermediate to the advanced level. Students expand their vocabulary and develop their skills in reading, oral communication, and writing about the culture of the German-speaking world. In this context, they practice complex grammar such as prepositions with accusative and dative, subordinate syntax, relative clauses, and the conditional subjunctive.
Requisite Courses: GERM-2001 with a minimum grade of B, or AP German Language, or the International Baccalaureate in German, or the Deutsches Sprachdiplom 2 [prerequisite(s)].

GERM-2110 (3) Advanced Intermediate German II (3 hrs Lecture) This course is designed to continue the transition from the intermediate to the advanced level. Students expand their vocabulary and develop their skills in reading, oral communication, and writing about the culture of the German-speaking world. In this context, they practice complex grammatical structures such as adjective endings, the passive voice ,and the indirect discourse subjunctive.
Requisite Courses: GERM-2001, or the former GERM-2201, AP German Language, the International Baccalaureate in German, or the Deutsches Sprachdiplom 2 [prerequisite(s)].

GERM-2115 (3) German-English Translation (3 hrs Lecture) This course introduces the principles of written translation from German into English. Practical exercises focus on translation difficulties relating to English vocabulary, grammar, and style. Students translate short authentic German-language texts from a variety of sources including newspapers, magazines, and literature.
Requisite Courses: GERM-2109 [prerequisite(s)].

GERM-2202 (3) German Phonetics (3 hrs Lecture) This course presents the theory and practice of German phonetics and phonology, its practical applications (e.g., the use of pronunciation dictionaries), and material realizations in standard German. The theory covered includes the physiology of speech, the International Phonetic Alphabet, as it relates to German, and phonetic transcription. Emphasis is placed on othoepy (the relationship between pronunciation and orthography) and on correcting the student's oral performance in German.
Cross-listed: LING-2401(3).
Restrictions: Students may not hold credit for this course and LING-2401.
Requisite Courses: GERM-2109 [prerequisite(s)].

GERM-2209 (3) Introduction to German Literature (3 hrs Lecture) This survey of representative poems, short stories, and dramatic texts introduces students to significant authors of German literature since the 18th century such as Schiller, Goethe, Rilke, Kafka, Frisch, and Bachmann. It also introduces them to the study of literature:

how to read, discuss, and interpret literary texts.
Restrictions: Students may not hold credit for this course and GERM-2207.
Requisite Courses: GERM-2001 or the former GERM-2201 or GERM-2109 or AP German Language or the International Baccalaureate in German or the Deutsches Sprachdiplom 2 [prerequisite(s)].

GERM-2303 (3) The Child in Europe (3 hrs Lecture) Lectures and discussions examine from several disciplinary perspectives conceptions of the child and of childhood in Europe from ancient times to the present. With contributions from such fields as Art History, Classics, English, French, German, History, and Women's Studies, the course explores Europeans' definitions of children and childhood and their understandings of children in relation to the family, society, class, gender, religion, and work. We examine typical images of childhood in European literature and art, the connections between these images and actual practices, and the continuing impact of these ideas and practices.
Cross-listed: HIST-2303(3).
Restrictions: Students may not hold credit for this course and HIST-2303.

GERM-2331 (3) History of Modern Germany (3 hrs Lecture) This survey of political, economic, social and cultural developments in Germany from the Holy Roman Empire to the Berlin Republic focuses on developments after the Congress of Vienna (1815), including the 1848 Revolution, Bismarck and German unification 1871, Wilhelmine Germany and imperialism, World War I, the Weimar Republic, Hitler and National Socialism, World War II and the Holocaust, the two Germanies in the Cold War, and reunification in 1989/90. Major historiographical controversies and methods of interpreting and analyzing German history are examined through lectures, explication of primary sources and critical reading of secondary sources, group and class discussions, and films.
Cross-listed: HIST-2331(3).
Restrictions: Students may not hold credit for this course and HIST-2331.

GERM-2386 (3) German Culture Through Film (3 hrs Lecture) This course uses German feature films to help students develop their language skills and learn about the culture and history of German-speaking Europe since the 1920s. With the support of subtitles or captioning, guided exercises, and interpretive discussions, students develop their listening, speaking, reading, and writing skills while becoming more familiar with German experience in the twentieth and twenty-first centuries. Some attention is given to German film terminology and the analysis of scenes. The course includes notable films by such directors as Joseph von Sternberg, Rainer Werner Fassbinder, Volker Schlöndorff, and Fatih Akin.
Requisite Courses: GERM-2001 or GERM-2109 or GERM-2201 or AP German Language or the International Baccalaureate in German or the Deutsches Sprachdiplom 2 [prerequisite(s)].

GERM-2906 (3) Studies in German Literature (3 hrs Lecture) This course focuses on selected German literary texts from about 1770 to the present. The course may include Goethe, Schiller, and the German Romantics; Realists such as Ebner-Eschenbach and Fontane; classic Modernists such Kafka, Mann, and Brecht; or postwar and contemporary writers such as Bachmann, Grass, Wolf, Schlink, and Özdamar.
Cross-listed: GERM-3906(3).
Restrictions: Students may not hold credit for this course and GERM-3906.
Requisite Courses: GERM-2209 and any 3 credits in 2000-level German Studies course except GERM-2001(6) [prerequisite(s)].

GERM-3101 (3) Studies in German Culture I (3 hrs Lecture) This course offers a broad survey of cultural developments in German-speaking Europe from the Middle Ages to the Romantic period at the beginning of the 19th century. Slides, films, and audio recordings help to present developments in art, architecture, music, and the social/political background, while writings by authors such as Luther, Grimmelshausen, Kant, Lessing, and Goethe allow for discussion of themes and issues in the context of their times.
Cross-listed: GERM-2101(3) and HIST-2323(3).
Restrictions: Students may not hold credit for this course and GERM-2101 | HIST-2323.
Requisite Courses: GERM-2209 and any 3 credit hour course in 2000-level German Studies [prerequisite(s)].

GERM-3102 (3) Studies in German Culture II (3 hrs Lecture) This course offers a broad survey of cultural developments in German-speaking Europe from the beginning of the 19th century to the present. Slides, films, and audio recordings help to present developments in art, architecture, music, and the social/political background, while writings by authors such as E. T. A. Hoffmann, Marx, Freud, Kafka, Brecht and Christa Wolf allow for discussion of themes and issues in the context of their times.
Cross-listed: HIST-2324(3).
Restrictions: Students may not hold credit for this course and GERM-2102 | HIST-2324.
Requisite Courses: GERM-2209 and any 3 credit hour course in 2000-level German Studies [prerequisite(s)].

GERM-3103 (6) The German-Canadian Presence in Canadian History (3 hrs Lecture) This course will focus upon the European origins of German-speaking immigrants to Canada, their settlement patterns and their social, political,and economic roles. In addition, the course will examine both the effects of international events upon the German-speaking population and their place in the Canadian cultural mosaic.
Note: Please see the Department of History for a specific course description.
Cross-listed: HIST-3560(6).
Restrictions: Students may not hold credit for this course and HIST-3560 | HIST-3561.

GERM-3113 (3) Exploring Language and Society Through Texts (3 hrs Lecture) This course examines current events, social issues, and artistic intellectual trends in the contemporary German-speaking world through the analysis and discussion of media sources including the

internet, television, and the press. The course offers extensive reading practice and is designed for students who wish to develop a high level of oral and written proficiency in German. Emphasis is placed on the acquisition of specialized vocabulary. Course work includes written compositions, oral presentations, debates, and round-table discussions.
Requisite Courses: GERM-2109 and any 3 credit German Studies course at the 2000 level except GERM-2001 [prerequisite(s)].

GERM-3401 (3) Business German (3 hrs Lecture) This course teaches students to communicate effectively in business situations. Course materials include situational texts reflecting business activities and covering a range of topics such as trade, telecommunications, computer technology, financial institutions, marketing, and advertising. The course is designed to expand language skills already acquired as well as to present the specialized vocabulary used in the business environment. It includes extensive exercises in vocabulary, comprehension, business writing, and correspondence.
Requisite Courses: GERM-2109 and any 3 credits in 2000-level GERMAN STUDIES course except GERM-2001(6) [prerequisite(s)].

GERM-3403 (3) German Lexicology (3 hrs Lecture) This course focuses on the German lexicon, its forms and formation. Students learn to distinguish different structural types of words (e.g., acronyms, derivatives), to identify their basic components (e.g., prefixes, suffixes), and to recognize the mechanisms involved in their formation. Through the study of synonyms and antonyms, students explore the semantic relationships between words. The hierarchical structure of the lexicon is examined. Course work emphasizes practical strategies for vocabulary enrichment and mastery.
Cross-listed: LING-3401(3).
Restrictions: Students may not hold credit for this course and LING-3401.
Requisite Courses: GERM-2109 and any 3 credit hours in 2000-level German Studies course except GERM-2001(6) [prerequisite(s)].

GERM-3404 (3) History of the German Language (3 hrs Lecture) This course traces the development of the German language from early Germanic to the present. It examines both the internal evolution of the German language (its phonetics, phonology, morphology, syntax, semantics, and pragmatics) and the sociocultural and historical factors that influenced its development. Various linguistic documents illustrating the distinct features of German in different eras are studied.
Requisite Courses: GERM-2109 and any 3 credit hours in 2000-level German Studies courses except GERM-2001 [prerequisite(s)].

GERM-3561 (3) German-Canadian Identity - Historical Perspectives (3 hrs Lecture) This lecture/seminar course will explore questions of ethnic identity, using the example of German Canadians. While students will develop their individual research projects related to the broader issue of ethnicity, class discussion will focus on the historical presence of German speakers in Canada, their settlement patterns, their relationship to political culture and the Canadian state, and perceptions and self-images of German Canadians.
Note: A knowledge of German is not required.
Cross-listed: HIST-3561(3).
Restrictions: Students may not hold credit for this course and HIST-3560 | HIST-3561.

GERM-3858 (3) The Acquisition of German as an Additional Language (3 hrs Lecture) A language may be learned at home, in the classroom or on the street. But how do babies make sense of the sounds around them so they can effectively communicate? Why is it difficult for older learners to acquire a second language? Are there secrets for second-language learning? In this course students explore the learning and teaching of German as an additional language. Students also critically examine their own language acquisition as they strive to understand how languages are learned, with an end toward improving their own language skills.
Cross-listed: LING-3405(3).
Restrictions: Students may not hold credit for this course and LING-3405.
Requisite Courses: GERM-2109 and any 3 credit hours in 2000-level German Studies courses except GERM-2001 [prerequisite(s)].

GERM-3906 (3) Studies in German Literature (3 hrs Lecture) This course focuses on selected German literary texts from about 1770 to the present. The course may include Goethe, Schiller, and the German Romantics; Realists such as Ebner-Eschenbach and Fontane; classic Modernists such as Kafka, Mann, and Brecht; or postwar and contemporary writers such as Bachmann, Grass, Wolf, Schlink, and Özdamar.
Cross-listed: GERM-2906(3).
Restrictions: Students may not hold credit for this course and GERM-2906.
Requisite Courses: GERM-2209 and any 3 credit hours in 2000-level German Studies courses except GERM-2001 [prerequisite(s)].

GERM-3910 (3) Special Topics in German Studies (3 hrs Tutorial) In this tutorial, students explore a topic in German literature or linguistics under the direction of a professor.
Note: This course may be repeated for credit when the topic varies.
Restrictions: Instructor Permission Required.
Requisite Courses: 12 credit hours in 2000-level German Studies courses and permission of the instructor [prerequisite(s)].

GERM-3911 (3) Special Topics in German Studies II (3 hrs Tutorial) In this tutorial students explore an author, a period, a theme, or a genre under the direction of a professor.

GERM-4401 (6) Special Topics I (3 hrs Tutorial) In this tutorial students explore an author, a period, a theme, or a genre under the direction of a professor.

HISTORY

HIST-1006 (3) Indigenous History to 1900: Origins, Contact, Colonialism (3 hrs Lecture) This course introduces students to the history of the Indigenous peoples of North America from the pre-contact period to the end of the nineteenth century. Major themes include the origins of Indigenous people, the diversity of Indigenous societies, contact experiences, and the impact of Christian missions, colonial warfare, treaties, and assimilationist policies. The course also addresses some of the traditional limitations of the discipline of history for interpreting the Indigenous past, and discusses the sources and methodologies that Indigenous and non-Indigenous historians have adopted in order to rethink Eurocentric interpretations. Max. 6 cr hr 1000 History may be counted for degree credit.

HIST-1007 (3) Indigenous History Since 1900: Racism, Resistance, Renewal (3 hrs Lecture) This course gives students the opportunity to explore themes and topics in modern Indigenous history from 1900 to the present. Course content focuses on the themes of Racism, Resistance and Renewal, and topics include: anti-Indigenous racism and inequality in education, health, and the law; histories of Indigenous agency and resistance in political movements, court action and everyday acts; and examples of efforts to define and enact decolonization such as cultural revitalization and repatriation. The course focuses on the history of Winnipeg and the surrounding area, while examples are also drawn from across Canada and the United States. Max. 6 cr hr 1000 History may be counted for degree credit.

HIST-1008 (3) Colonial Genocides and Indigenous History (3 hrs Lecture) This course examines the impact of colonial violence on Indigenous peoples in North America from the early contact period until the era of residential schools. The course is not intended to be a comprehensive overview of all atrocities ever committed against Indigenous peoples. Instead, this course examines a selected number of massacres, genocides, and episodes of ethnic cleansing in depth. The course also addresses some of the traditional limitations of the discipline of history for interpreting the Indigenous past, and discusses the sources and methodologies that Indigenous and non-Indigenous historians have adopted in order to rethink Eurocentric interpretations. Max. 6 cr hr 1000 History may be counted for degree credit.

HIST-1011 (3) Cross Currents in Global Art (3 hrs Lecture) This course provides an overview of the major periods and styles in the history of art from the paleolithic period to the present. Art, architecture, and cultural artifacts from around the globe are analyzed within their historical and cultural contexts, with the intention of making connections among cultures and across time periods. Constructs such as authorship, patronage, politics, gender, colonialism and national identity may be highlighted. Students are introduced to the basics of historical research such as examination of historical interpretations and evidence, comparative analysis, primary sources, bibliographic and narrative skills. Max. 6 cr hr 1000 History may be counted for degree credit.

HIST-1012 (3) The Worlds of Asia and Africa to 1750 (3 hrs Lecture) This course introduces students to the broad themes in Asian and African history in the period up to 1750 with particular focus on political, economic and social transformations. Major themes may include emergence of civilizations, trade, forms of aand role of the state, warfare and its legacies, spread of ideas, urbanization, colonization, changing roles of women, migration and technologies. Students are also introduced to the basics of historical research such as the examination of evidence and interpretations, comparative analysis, and bibliographic and narrative skills. Max. 6 cr hr 1000 History may be counted for degree credit.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and HIST-1010.

HIST-1013 (3) The Worlds of Asia and Africa Since 1750 (3 hrs Lecture) This course introduces students to the broad themes in Asian and African history in the period since 1750 with particular focus on political, economic and social transformations. Major themes may include slavery, trade, urbanization, colonization, resistance to imperialism, nationalism, race, changing roles of women, war, the role of the state, migration and human rights. Students are also introduced to the basics of historical research such as the examination of evidence and interpretations, comparative analysis, and bibliographic and narrative skills. Max. 6 cr hr 1000 History may be counted for degree credit.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and HIST-1010.

HIST-1014 (3) Europe and the Mediterranean World to 1700 (3 hrs Lecture) This lecture course surveys the diversity of human experience from Antiquity to the dawn of the modern era in Europe and the Mediterranean. Depending on the instructor, topics may include the development of Mediterranean civilizations, Athenian democracy, the conquests of Alexander the Great, the rise and the fall of the Roman Empire, the rise and spread of Christianity and Islam, the Crusades, the Black Death, the expansion of the Ottoman Empire, Renaissance, Reformation, and European expansion. Students are also introduced to the basics of historical research such as the examination of historical evidence and interpretations, comparative analysis, bibliographic and narrative skills. Max. 6 cr hr 1000 History may be counted for degree credit.

HIST-1015 (3) The Atlantic World: Europe and the Americas, 1700-1989 (3 hrs Lecture) This course introduces students to the broad forces involved in the

making of the Atlantic World with a particular focus on social, economic, and political transformations. Major themes may include political revolutions from the 18th (French and American) to the 20th century (Russian); slavery and abolitionism, industrialization, urbanization, and immigration; the family and changing roles of women; race, imperialism, and colonialism; war and its social legacies; the state, welfare, and human rights. Students are also introduced to the basics of historical research such as the examination of historical evidence and interpretations, comparative analysis, and bibliographic and narrative skills. Max. 6 cr hr 1000 History may be counted for degree credit.

HIST-2080 (3) The History of Archaic Greece (3 hrs Lecture) This course traces the history of Greece during the Archaic period from the beginning of the eighth century BCE through to the beginning of the fifth century BCE. Special emphasis is placed on the social, political and economic evolution of the Greek City-states (in particular Athens and Sparta), the failure of the Greeks to achieve political unity, cultural transformations, periods of warfare, and the Greeks' consequent vulnerability to external threats.
Note: Students with credit in CLAS-2091(6) or HIST-2104(6) may not receive credit for this course.
Cross-listed: CLAS-2301(3).
Restrictions: Students may not hold credit for this course and CLAS-2301.

HIST-2081 (3) The History of the Roman Republic (3 hrs Lecture) This course considers the history of the Roman Republic from the legendary foundations of the city of Rome through to the beginning of the Roman Empire. Lectures trace the major cultural, military, and societal events of the Republic. Particular emphasis is placed upon the expansion of Rome's power throughout Italy and the Mediterranean, the forces that brought about the transformation of the Roman style of government from Monarchy to Republic, and later to Empire, and the problems which attend these changes.
Cross-listed: CLAS-2303(3).
Restrictions: Students may not hold credit for this course and CLAS-2096 | CLAS-2303 | HIST-2096.

HIST-2089 (3) The History of Classical Greece (3 hrs Lecture) This course traces the history of Greece during the Classical period from the beginning of the fifth century BCE until the rise of Macedon in the mid-fourth century BCE. Special emphasis is placed on social, political and economic evolution of the Greek city-states (in particular Athens and Sparta), the failure of the Greeks to achieve political unity, cultural transformations, periods of warfare, and the Greeks' consequent vulnerability to external threats.
Cross-listed: CLAS-2302(3).
Restrictions: Students may not hold credit for this course and CLAS-2091 | CLAS-2302 | HIST-2104.

HIST-2090 (3) Topics in Classical Studies (3 hrs Lecture) This course explores a specific area in the field of Classical scholarship. The focus of study varies from year to year. Possible topics include ancient medicine, technology, economics, warfare, and the popular reception of the Classical tradition. Information concerning these course offerings is provided by the department.
Note: This course may be repeated for credit when the topic varies.
Cross-listed: CLAS-2010(3).
Restrictions: Students may not hold credit for this course and CLAS-2010.

HIST-2097 (3) The History of the Roman Empire (3 hrs Lecture) This course considers the history of the Roman Empire from the end of the Roman Republic through to the reign of Constantine. Lectures trace the major cultural, military, and societal events of the first three centuries of the Empire. Particular emphasis is placed upon the expansion of Rome's power throughout the Mediterranean, Europe, and the Near East, the forces, individuals, and events that affect the Empire during the period 30 BCE-c.312 CE, and the problems that attended these changes.
Cross-listed: CLAS-2304(3).
Restrictions: Students may not hold credit for this course and CLAS-2096 | CLAS-2304 | HIST-2096.

HIST-2099 (3) The Roman Army (3 hrs Lecture) This course considers the Roman army, from its origins and increasing professionalization during the Monarchy and Republic, to its role as emperor-maker during the third century CE. Topics may include the evidence for the army, recruitment, organization, strategy, unit tactics, troop disposition on the frontiers, and veterans. More broadly, this course examines the army's wider impact on culture and society with regard to religion, Romanization, and political life.
Cross-listed: CLAS-2950(3).
Restrictions: Students may not hold credit for this course and CLAS-2950.

HIST-2108 (3) Mennonite Studies I (3 hrs Lecture) This course offers a survey of the origins and history of the Anabaptists in Switzerland, the Netherlands, Germany, Prussia, and Russia. Attention is given to the interaction of religion and culture in the history of European Mennonites.
Cross-listed: MENN-2101(3) and REL-2363(3).
Restrictions: Students may not hold credit for this course and MENN-2101 | REL-2363.

HIST-2109 (3) Mennonite Studies II (3 hrs Lecture) This course is a survey of the immigration and resettlement of Mennonites in Russia and in North and South America. The course includes a study of the origins and distinctive characteristics of particular Mennonite groups and conclude with a brief survey of Mennonites around the world.
Cross-listed: MENN-2102(3), REL-2364(3).
Restrictions: Students may not hold credit for this course and HIST-3109 | MENN-2102 | REL-2364.

HIST-2110 (6) The Twentieth-Century World (3 hrs Lecture) This course offers an historical approach to the characteristic problems, new or inherited, of the twentieth century, e.g., problems of industrialism; nationalism; balance of power; racial conflicts; imperial rivalries; origins,

character, and results of World War I; totalitarian experiments; the Second World War; problems of the post-war period; the contemporary world-scene; the United Nations' difficulties and achievements.
Restrictions: Students may not hold credit for this course and HIST-2100.

HIST-2112 (6) War as a Social Institution (3 hrs Lecture) This course offers a survey of the effects of war on the development of Western society, and the reciprocal effects of social forces on the art of war, from the ancient Greeks to the Nuclear Age.
Restrictions: Students may not hold credit for this course and HIST-3103.

HIST-2113 (6) A History of Slavery (3 hrs Lecture) This course offers an historical survey of the institution of slavery from ancient times to the twentieth century. Emphasis will be placed on slavery as the basis of imperial and economic systems, the African and New World experience, and the slavery of the twentieth century.
Restrictions: Students may not hold credit for this course and HIST-3102.

HIST-2114 (3) From Columbus to Cook: European Encounters With Others, 1450-1800 (3 hrs Lecture) From the era of Christopher Columbus until the voyages of James Cook to the Pacific in the 1770s, Europeans established sustained contacts with peoples across the globe. The course is a thematic survey of the commercial, religious, diplomatic, violent, and intimate interactions between early modern Europeans and peoples in Africa, Asia, the Americas, and the Pacific. Topics may include Portuguese traders and missionaries in West Africa, the Spanish conquest of the Inca and Aztec Empires, Indigenous peoples and settler colonialism in North America, European diplomacy and trade in Asia, and the first encounters between the British and Indigenous Australians.

HIST-2116 (6) Survey History of Latin America (3 hrs Lecture) This lecture course is an overview of the history of Central and South America. The course will study the Indigenous experience before European expansion into the region, then examine the effect of colonization on the cultural, political, and social structures of the region. The course concludes with an examination of the modern, post-colonial period.

HIST-2117 (3) From Sugar and Slaves to Samba and Soccer: History of Brazil (3 hrs Lecture) This survey examines the main social, political, economic, and cultural developments in Brazil from the early colonial period to the present. Topics include indigenous peoples and their interactions with Europeans, Portuguese colonization, sugar and slavery, the gold rush, the exiled Portuguese monarchy, coffee economy and society, slave emancipation, industrialization and urban growth, changes in the Amazon region, and cultural developments such as samba and soccer.

HIST-2118 (3) Modern Mexico: From Acapulco to Zapatistas (3 hrs Lecture) This course examines the historical development of Mexico from independence through revolution to the present, with emphasis on major social, political, economic, and cultural developments that contributed to the formation of modern Mexico. The course explores key issues, including the role of race, ethnicity, class, and religion in Mexican independence and nation-building, war with the United States, dictatorship and revolution, the impact of free trade, and the multifaceted grassroots strugles to make a living or make for the U.S. border. Students are encouraged to engage in research, analysis, and problem-solving toward understanding the historical factors that have shaped Mexico.

HIST-2120 (3) Business History (3 hrs Lecture) This course investigates the history of business from a perspective that includes economic, social and labour history. The course examines historical developments that shaped business, as well as major interpretive debates among scholars of business history. Beginning with a discussion of sixteenth-century trade and commerce, the course explores the development of transportation and mass production, the emergence of a managerial class, the roles of women and of workers, advertising and consumption, and alternative ownership structures. The focus is on Canadian business, though reference to global experiences are discussed. Readings include literature on business history and related fields.

HIST-2121 (3) Environmental History of the Americas (3 hrs Lecture) This course is a survey of environmental history of North and South America from the pre-Columbian civilizations until the present. The course takes a hemispheric perspective to examine the diverse ways in which human societies across the Americas have interacted with their natural environments. While the first half of the course concentrates on the impact of European colonization on the 'New World", the second half focuses on how industrialization and urbanization have changed the various eco-systems of the Americas.

HIST-2122 (3) Racism in World History: From the Middle Ages to the Present (3 hrs Lecture) This course examines the history of racial ideas and how they shaped world history from the Middle Ages to the present. While the main focus of the course is on the development of racial ideas and policies in the Western World (Europe and the Americas), manifestations of racism in Africa and Asia are also analyzed. Topics may include the Crusades, Anti-Semitism, European expansion and the discovery of the "Other", the caste system in colonial Latin America, scientific racism, segregation in the America South, the racial state of Nazi Germany, and the apartheid era in South Africa.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

HIST-2130 (6) A History of the Developing World (3 hrs Lecture) This course examines the historical roots of development and underdevelopment, processes that have led to the emergence of the developing world or Third World as a distinctive, though diverse region. It surveys

trends such as colonization, industrialization, militarization and trade in the South from the 15th to the 20th century. It investigates the ways in which both external pressures and internal dynamics have contributed to continuity and change in these regions. This course will help students to understand the historical context for contemporary changes in developing countries, as well as the context in which particular development theories and practices emerged.
Cross-listed: IDS-2130(6).
Restrictions: Students may not hold credit for this course and IDS-2130.
Requisite Courses: IDS-1100(6) or 6 credit hours in HIST 1000-level courses, or permission of the Instructor [prerequisite(s)].

HIST-2131 (3) History of Peace and Nonviolence I (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from ancient times to the 1700s. It focuses in particular on Europe, with special emphasis on the period from ancient Greece and Rome, to Early Modern times in Western Europe. The course also addresses history of peace in other parts of the world. Thus, it contrasts Christian traditions of nonviolence with those of Hindu, Buddhist and other eastern traditions. For case studies, the course examines Mennonite communities in 16th and 17th century Switzerland and the Netherlands.
Cross-listed: MENN-2131(3), CRS-2131(3).
Restrictions: Students may not hold credit for this course and CRS-2131 | MENN-2131.

HIST-2132 (3) History of Peace and Nonviolence II (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from the 1700s to the present. It focuses in particular on North America, but also covers selected events in other parts of the world. The course, thus, contrasts Christian traditions of nonviolence with those of Indigenous, secular, and eastern cultures. For case studies, the course examines Mennonite communities in 19th and 20th century Canada and the United States where Mennonites have embraced pacifism as a fundamential principle of social organization.
Cross-listed: MENN-2132(3), CRS-2132(3).
Restrictions: Students may not hold credit for this course and CRS-2132 | MENN-2132.

HIST-2133 (3) Global Migration History (3 hrs Lecture) This lecture course surveys the diversity of worldwide migrations in the modern period. Topics include exploration and conquest; merchants, mercenaries, and missionaries; slavery and unfree migration; imperialism, settlement and labour migrations, and refugees. Concepts discussed include international migration systems; transnational life, culture, and society; diaspora; voluntary and forced migration.

HIST-2170 (6) Islam and the West (3 hrs Lecture) This course examines the political, social, and cultural relations between the European and Islamic worlds from the seventh century to the present. Unlike many other non-Western societies, Islam developed in close and mutual contact with European Christendom. This relationship is discussed through several themes, including the transmission of scientific knowledge, the changing balance of military and economic power that paved the way for European empires to rise to world dominance, and the formation and legacy of cultural stereotypes on both sides.

HIST-2171 (3) Islam, Oil and War in the Modern Middle East (3 hrs Lecture) This course studies the adaptation of Islamic societies to global change, the rise of European empires, and forces of modernization. From the reforms in the eighteenth-century Ottoman Empire the course proceeds to the rise of national states. Special attention is paid to the role of ethnic and religious differences in regional conflicts. The course also examines the rise of such ideologies as Arab nationalism and Zionism. Major questions like the Israeli-Palestinian conflict, the Iranian revolution of 1979, Gulf wars and occupation of Iraq by US are discussed in this course.

HIST-2190 (3) Theatre History I: Aeschylus to Shakespeare (3 hrs Lecture) This course consists of a study of the historical development of theatrical art from the ancient Greeks to the closing of the London theatres in 1642. All aspects of theatrical performance, including plays, acting, costumes, scenery, theatre architecture, and the relationship between theatres and society will be discussed.
Cross-listed: THFM-2401(3).
Restrictions: Students may not hold credit for this course and THFM-2401.

HIST-2191 (6) History of Film (3 hrs Lecture) This course surveys the history of narrative film from its earliest beginnings to the present day. Students gain an understanding of the evolving techniques and technical advancements in the art form and the corresponding aesthetic achievements of film artists. The course focuses on the major film movements and filmmakers from Europe, North America, and Asia.
Cross-listed: THFM-2410(6).
Restrictions: Students may not hold credit for this course and THFM-2410.

HIST-2192 (6) The History of Fashion and Dress (3 hrs Lecture) This course introduces the history of fashion. Students learn what dress is as well as how and why it is studied. The dress from ancient times to the 21st century is then discussed, with an emphasis on western Europe. The links between fashion, social history and material culture are examined. The course is intended as background for students of theatrical design, but may be taken as an elective by anyone interested in the field.
Cross-listed: THFM-2406(6).
Restrictions: Students may not hold credit for this course and THFM-2406.

HIST-2211 (3) Europe in the Middle Ages 300-1350 (3 hrs Lecture) This course is a survey of the political, social, and cultural history of Western Europe between the division of the Roman Empire and the end of the High Middle Ages. It will study the origins of peoples and the growth of institutions by which Western Europe has been shaped, and the cultural developments which culminated in the Gothic churches and schools.

Restrictions: Students may not hold credit for this course and HIST-2200 | HIST-2214 | HIST-2311.

HIST-2212 (3) Europe Between the Medieval and Modern Worlds 1350-1650 (3 hrs Lecture) This course is a survey of the political, social, and cultural history of Western Europe between the Black Death and the end of the religious wars; the economic and political recovery of Europe, the expansion of Europe overseas, the Reformation in religion, and the new developments in science and the arts during the Renaissance and Baroque periods.
Restrictions: Students may not hold credit for this course and HIST-2201 | HIST-2312.

HIST-2213 (3) Women in Pre-Industrial Europe (3 hrs Lecture) This course will survey women's history in Western Europe from classical times to about 1700. Using primary and secondary sources, the course will cover historical fluctuations in the condition and status of women, as well as an array of economic, political, and social relations between women and men, with a focus on the ideologies (e.g., religious, philosophical) that helped to shape attitudes toward women.
Restrictions: Students may not hold credit for this course and HIST-2111 | HIST-3105.

HIST-2214 (6) Europe in the Middle Ages (3 hrs Lecture) This survey examines the evolution of Europe from the gradual collapse of the Roman Empire to the emergence of states in Western Europe as well as in the Byzantine and Slavic World. The course focuses on various aspects of social, religious, political, cultural, and intellectual life. Topics include the "Barbarian" invasions of the Roman Empire, the birth of Christianity and Islam, the Crusades, the development of cities, the daily life of men and women, the Byzantine Empire and its Slavic neighbours, the birth of universities, the Black Death, and the Hundred Years War. Medieval documents are analysed in class to offer a direct insight into the period.
Restrictions: Students may not hold credit for this course and HIST-2200 | HIST-2211 | HIST-2311.

HIST-2215 (3) History of the Byzantine Empire (3 hrs Lecture) This survey course examines the history of the Byzantine Empire, from its origins in the reign of Constantine I to its end at the fall of Constantinople (1453). The course focuses on various aspects of political, religious, social, and cultural life. Topics may include the reign of Justinian I, the iconoclastic crisis, the transmission of the orthodox faith to the Slavs, the Byzantine court and its relations with its neighbours, notably the crusaders, and the Ottoman conquest.

HIST-2226 (3) The History of Sexuality From Antiquity to the Middle Ages (3 hrs Lecture) By tracing the historical evolution of a variety of themes, such as aphrodisiacs, reproductive theories, the sex trade, and policies on public health, this course will offer a survey of sexuality from prehistory to the Middle Ages. The prehistorical period will be reviewed briefly, followed by an examination of classical Greece and Rome, early Christianity, and the Middle Ages. Though references will be made to other regions for comparative purposes, the focus of this course is on western Europe.

HIST-2302 (3) History of British History 1815-1990 (3 hrs Lecture) This lecture course is a survey of the United Kingdom's history from the Congress of Vienna to the fall of Mrs Thatcher. Lectures focus on the political, social, and imperial history of the period. Major themes include: industrialization and the rise of a class society; political activism and suffrage reform; social policy from the New Poor Law to the Welfare State; and the growth, decline and legacy of Britain's empire.
Restrictions: Students may not hold credit for this course and HIST-2316 | HIST-2400.

HIST-2303 (3) The Child in Europe (3 hrs Lecture) Lectures and discussions examine from several disciplinary perspectives conceptions of the child and of childhood in Europe from ancient times to the present. With contributions from such fields as Art History, Classics, English, French, German, History, and Women's Studies, the course explores Europeans' definitions of children and childhood and their understandings of children in relation to the family, society, class, gender, religion, and work. We examine typical images of childhood in European literature and art, the connections between these images and actual practices, and the continuing impact of these ideas and practices.
Cross-listed: GERM-2303(3).
Restrictions: Students may not hold credit for this course and GERM-2303.

HIST-2313 (6) Modern European Society (3 hrs Lecture) This course surveys European societies from the absolute monarchies of the 17th century to the fascist and communist movements of the 20th century. It provides background for understanding contemporary Europe by exploring the relationship between industrialization and urbanization, the origins and impact of wars and revolutions and the impact of ideologies, such as democracy, nationalism, socialism and Nazism. Attention is also paid to the role of significant individuals, including Louis XIV, Newton, Marx, and Hitler.
Restrictions: Students may not hold credit for this course and HIST-2300 | HIST-2314 | HIST-2315.

HIST-2316 (6) History of Britain From 1485 (3 hrs Lecture) This course is a survey of the growth and development of modern Britain, 1485 to the present.
Restrictions: Students may not hold credit for this course and HIST-2302 | HIST-2400.

HIST-2323 (3) German Culture I (3 hrs Lecture) This course offers a broad survey of cultural developments in German-speaking Europe from the Middle Ages to the Romantic period at the beginning of the 19th century. Slides, film, and audio recordings will help to present developments in art, architecture, music, and the social/political background, while German writing in English translation by authors such as Luther, Grimmelshausen, Kant, Lessing, and Goethe will allow for discussion of themes and issues in the context of their times.
Cross-listed: GERM-2101(3)and GERM-3101(3).

Restrictions: Students may not hold credit for this course and GERM-2101 | GERM-3101.

HIST-2324 (3) German Culture II (3 hrs Lecture) This course offers a broad survey of cultural developments in German-speaking Europe from the beginning of the 19th century to the present. Slides, films, and audio recordings will help to present developments in art, architecture, music, and the social/political background, while German writing in English translation by authors such as E.T.A. Hoffmann, Marx, Freud, Kafka, Brecht and Christa Wolf will allow for discussion of themes and issues in the context of their times.
Cross-listed: GERM-2102(3) and GERM-3102(3).
Restrictions: Students may not hold credit for this course and GERM-2102 | GERM-3102.

HIST-2325 (3 or 6) Russia to 1917 (3 hrs Lecture) This course provides a survey of Russian history and civilization from 800 to 1917. Topics include the founding of the Russian state, the Tsarist Empire and the Revolutions of 1917. Important political and cultural personalities discussed include Ivan the Terrible, Peter the Great, Tchaikowsky, Tolstoy, and Lenin.
Restrictions: Students may not hold credit for this course and HIST-2317 | HIST-2321 | HIST-3205 | HIST-3305.

HIST-2326 (3 or 6) Russia Since 1917 (3 hrs Lecture) This course provides a survey of Russian history and civilization since the Bolshevik Revolution. Topics include the formation of the Soviet state, Stalinism, World War II, the Cold War, the collapse of the Soviet Union, and the emergence of the new Russia. Important cultural and political personalities discussed include Lenin, Stalin, Khrushchev, Gorbachev, Solzhenitsyn, and Shostakovich.
Restrictions: Students may not hold credit for this course and HIST-2317 | HIST-2321 | HIST-3205 | HIST-3305.

HIST-2327 (3) The History of Sexuality from the Renaissance to the Present (3 hrs Lecture) By tracing the historical evolution of a variety of themes, such as aphrodisiacs, reproductive theories, the sex trade, and policies on public health, this course will offer a survey of sexuality from the Renaissance to the twentieth century. The focus will be on the Renaissance, the Protestant Reformation, the Scientific Revolution, the Enlightenment, and the Industrial Revolution, with a critical look at these historical periods as watersheds in the history of sexuality. Though references will be made to other regions for comparative purposes, the focus of this course is on Western Europe.

HIST-2328 (3) Anti-Semitism and the Holocaust (3 hrs Lecture) This course studies the origins and execution of Hitler's "Final Solution" against the backdrop of 2000 years of European Anti-Semitism. Although the major focus of the course will be on the tragic events of 1933-45, contemporary topics such as Neo-Nazism and other genocides will be briefly addressed as well.

HIST-2329 (3) Women in Modern Europe (3 hrs Lecture) This course will survey women's history in Western Europe from 1700 to the present. Using primary and secondary sources, the course will cover historical fluctuations in the condition and status of women, as well as an array of economic, political, and social relations between women and men, with a focus on the ideologies (e.g., religious, philosophical) that helped to shape attitudes toward women.
Restrictions: Students may not hold credit for this course and HIST-2111 | HIST-3105.

HIST-2330 (3) Europe Since 1945 (3 hrs Lecture) This course provides a survey of eastern and western European history since the end of World War II. It covers the Cold War, the development of the European Common Market and the European Union, the Collapse of Communism and changes in Europe since then. Political, social, economic, and cultural topics are included. The role of important personalities such as Charles de Gaulle, Willi Brandt, Josip Tito, Lech Walesa and Mikhail Gorbachev are considered.

HIST-2331 (3) History of Modern Germany (3 hrs Lecture) This survey of political, economic, social, and cultural developments in Germany from the Holy Roman Empire to the Berlin Republic focuses on developments after the Congress of Vienna (1815), including the 1848 Revolution, Bismarck and German unification 1871, Wilhelmine Germany and imperialism, World War One, the Weimar Republic, Hitler and National Socialism, World War Two and the Holocaust, the two Germanies in the Cold War, and reunification in 1989/90. Major historiographical controversies and methods of interpreting and analyzing German history are examined through lectures, explication of primary sources and critical reading of secondary sources, group and class discussions, and films.
Cross-listed: GERM-2331(3).
Restrictions: Students may not hold credit for this course and GERM-2331.

HIST-2332 (3) The Holocaust in Europe Field Course (9 hrs Lecture) This 3-credit field course in Europe builds on themes and content surveyed in HIST-2328, Antisemitism and the Holocaust. It investigates Jewish cultural and religious life in Europe before the Second World War, the nature and institutions of Nazi Germany, the ghetto and camp system created as a part of the Final Solution, the economics of slave labour as part of the German war economy, post-war memorialization of the destruction of European Jewry, and contemporary European antisemitism. Locations for the field course vary for specific course offerings, but include sites in Poland and other countries throughout Central Europe.
Cross-listed: REL-2632(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and REL-2632.
Requisite Courses: HIST-2328 or permission of the instructor [prerequisite(s)].

HIST-2411 (6) A History of Asia Since 1500 (3 hrs Lecture) This course surveys Asia in the era of Western

expansion. Emphasis is placed on the internal developments in South Asia (India), East Asia (China and Japan) and Southeast Asia (Indonesia, Burma, Malaya, Thailand, Vietnam, and the Philippines) as well as on their interaction with Western countries and with each other. Topics include cultural identity, colonization, modernization, nationalism, decolonization, and the post-colonial period.
Restrictions: Students may not hold credit for this course and HIST-2413 | HIST-2414 | HIST-2415 | HIST-2701 | HIST-2703 | HIST-2704.

HIST-2413 (3) South Asia Since 1500 (3 hrs Lecture) This course surveys the Mughal period, the emergence of regional states, the transition to colonialism, the East India Company Raj, the British colonial state, the rise of Indian nationalism, and issues of democracy and authoritarianism in South Asia (India, Pakistan, Nepal, Bangladesh, Sri Lanka) since independence.
Restrictions: Students may not hold credit for this course and HIST-2411 | HIST-2701 | HIST-2703.

HIST-2414 (3) History of East Asia Since 1500 (3 hrs Lecture) This course surveys the history of China from the Ming Dynasty to Communist China, Korea from the Early Choson dynasty to the present, and Japan from the Edo era to the contemporary period.
Restrictions: Students may not hold credit for this course and HIST-2411 | HIST-2701 | HIST-2704.

HIST-2415 (3) The History of South East Asia Since 1500 (3 hrs Lecture) This course introduces students to this region in an era of massive transition from the land based kingdoms of the Khmer and archipelagic Sriviyaya empire to the advent of Islam. Major themes may include colonial intrusion by the Portuguese and Spanish in the Philippines, British intervention in the Malay States and Burma, Dutch rule in Indonesia, the French in Cambodia and Vietnam, independence of Thailand, resistance to imperialism and anticolonial nationalist movements, the impact of World War II and Japanese occupation, the Emergency in Malaya, the Vietnam War, and postcolonial formations.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and HIST-2411 | HIST-2701.

HIST-2500 (6) History of Canada to 1939 (3 hrs Lecture) This is a survey course designed to acquaint students with the foundations and development of the Canadian nation - its social, economic, and political institutions. It will emphasize the regional life and social organization of the country, the impact of war, colonialism and continentalism, the development of federalism, the rise of French-Canadian nationalism and separation, and the development of Canadian socialism.
Restrictions: Students may not hold credit for this course and HIST-2503 | HIST-2504.

HIST-2503 (3) Survey History of Canada: the Colonial Era, 1500-1867 (3 hrs Lecture) This course is a survey of the economic, social, and political history of Canada from the early encounters of Europeans with North America and its indigenous peoples to Confederation. Themes may include the immigration of Europeans to Canada, the relations between Europeans and Indigenous peoples, the social and political relations that formed around colonial economies, the development of regionalism and French-Canadian nationalism, and movements for political reform.
Restrictions: Students may not hold credit for this course and HIST-2500.

HIST-2504 (3) Survey History of Canada: the National Era, 1867-1939 (3 hrs Lecture) This course surveys the economic,social, and political history of Canada from the formation of the Canadian state in the mid-nineteenth century to the beginning of World War II. Themes may include the constitutional achievement of the nation state, westward expansion and relations with Indigenous peoples, the creation of a national political economy and the social relations which developed within it, immigration and ethnic relations, the rise of political dissent and socialism, questions of political rights and citizenship, French-Canadian nationalism and regionalism.
Restrictions: Students may not hold credit for this course and HIST-2500.

HIST-2505 (3) Survey History of Canada: the Modern Era, 1939 to the Present (3 hrs Lecture) This course surveys the economic, social, and political history of Canada from the beginning of World War II to the recent past. Themes may include the rise and decline of the welfare state in Canada; the political and constitutional developments that facilitated it; and the challenges to it from French-Canadian nationalism, regional protest movements, and socialism; Canada's participation in World War II, its place in postwar international relations, and its shift in dependence from Great Britain to the United States.

HIST-2509 (6) History of the Indigenous Peoples of Canada (3 hrs Lecture) This course traces Canadian Indigenous history down to the treaties and reserves of the late nineteenth and early twentieth century, emphasizing the period after the first European contact.
Restrictions: Students may not hold credit for this course and HIST-2510 | HIST-2511.

HIST-2510 (3) Indigenous Peoples of Canada to 1815 (3 hrs Lecture) This course traces Indigenous history down to the War of 1812 era. We discuss the period preceding Indigenous contact with Europeans to set the context for the main part of the course, an extensive examination of the post-contact era. The course concludes by exploring the shift in government and popular perceptions of Indigenous people from ally and partner to problem and hindrance. The course considers diverse sources and methods for interpreting this history.
Restrictions: Students may not hold credit for this course and HIST-2509.

HIST-2511 (3) Indigenous Peoples of Canada Since 1815 (3 hrs Lecture) This course traces the development of Indigenous history since the War of 1812. Beginning

with the post-War period, the course examines the shifting policies and attempts by colonial governments to direct the assimilation of Indigenous people. Topics include the development of civilization and assimilation policies, origin and continuance of treaties, land claims, residential schools, Indian Act development, reservations, royal commissions, the 1969 White Paper, and recent court decisions. Emphasis is placed on Indigenous efforts to maintain cultural and national self-determination while facing these policies. We consider the diverse sources and methods for interpreting this history, with a focus on the documentary record.
Restrictions: Students may not hold credit for this course and HIST-2509.

HIST-2512 (3) History of Human Rights in Canada (3 hrs Lecture) This course examines the history of human rights within the Canadian context including key federal, provincial and municipal legislation as well as critical human rights institutions. The course explores the evolution of the human rights Canada in relation to their international counterparts, and historical discrimination in Canada in areas such as immigration, employment and housing, internment of minority populations, gender, sexuality, anti-Semitism and treatment of Indigenous peoples.
Cross-listed: HR-2200(3).
Restrictions: Students may not hold credit for this course and HR-2200.

HIST-2514 (3) History of Canadian Education (3 hrs Lecture) This course is a systematic inquiry into the historical origins and development of educational thought, policy, and reform in Canada.
Restrictions: Students may not hold credit for this course and HIST-3514.

HIST-2516 (3) History of Education: Residential Schools and Beyond (3 hrs Lecture) This course explores the history of Indigenous education with a special focus on the history of residential schools. Topics include the nature of the church-state relationships that fostered the schools; architecture and physical conditions; academic programs and manual labour; resistance from students and relatives; and the process of forgetting and remembering the schools. It also covers the historical/political context in which the residential school system developed, expanded then declined; including policies of enfranchisement, assimilation, and integration and then the return of Indian control of Indian Education. Focus is on the Canadian context but the class may also consider transnational and comparative perspectives.

HIST-2600 (6) History of the United States from 1607 (3 hrs Lecture) This course is a survey of the development of the American people and their institutions from colonial times to the present day.

HIST-2700 (6) History of Africa (3 hrs Lecture) This course is a survey of the social, economic, political, and cultural traditions of the African continent.

HIST-2800 (6) History of European Art (3 hrs Lecture) The historical development of art forms in the European tradition will be studied in successive eras. Emphasis is given to painting, sculpture, and architecture.

HIST-2801 (3 or 6) Rethinking Canadian Art (3 hrs Lecture) This course is a critical survey of Canadian art from the early contact period (ca. 1500) to the present. Perspectives of Indigeneity, gender, nationalism, regionalism, and ethnicity are used to examine Canadian art and craft in a variety of media.

HIST-2802 (3 or 6) Art in Non-Christian Religions (3 hrs Lecture) This course explores the intrinsic links within non-Christian religious traditions between beliefs and social systems and the art produced in those contexts. It focuses on the art and architecture of Hinduism, Buddhism, and Islam. Students explore art's implicit and explicit messages about the religious beliefs of its producing society, how art functions within the context of religion, and how one "reads" religious art. The class investigates the impact of social, economic, and power structures on religious art, and the role of patronage in art production.
Cross-listed: REL-2901(3).
Restrictions: Students may not hold credit for this course and REL-2901.

HIST-2804 (3) Secrets of Museums: A Critical Inquiry into the Origins and Culture of Western Museums (3 hrs Lecture) Since the Enlightenment, museums have developed into centres of learning, entertainment and even shopping. The main goal of the modern museum is to educate citizens about history, culture and ideology. This course prepares students and tourists alike to visit destination European museums with a critical and historical point of view. Important collections such as the Elgin Marbles at the British Museum, the Egyptian wing at the Louvre, and the collection of Modernist art in the Musee d'Orsay, are contextualized through contemporary theories of collecting and display. Some classes will be held in the Winnipeg Art Gallery.

HIST-2805 (3) The Power of Art: Visual Worship & Violence (3 hrs Lecture) This course introduces the history of Iconoclasm (destruction of images) and Iconophilia (worshiping images) from the Middle Ages to the Modern era. Students learn how and why images have been used as means of power, and destroyed as means of intolerance. A variety of topics are considered, such as: the Byzantine Iconoclasm; the impact of the sixteenth-century Reformation and Post-Reformation; the French Revolution; the construction of modern symbols of power and their destruction (World Trade Center); the cult of the Buddhas at Bamiyan (Afganistan) and their destruction by the Taliban; the sexualization of images in multi-media.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

HIST-2811 (3) Indigenous Spirituality and Art (3 hrs Lecture) This course will discuss the role of spirituality in Indigenous contemporary art. We explore Indigenous scholarly and artistic production that centres around

spiritual themes and concepts. How do popular and academic discourses negotiate "Indigenous spirituality"? How are these notions extended, affirmed, or challenged by Indigenous contemporary art works? In our class we explore "spirituality" and "contemporary art" through the lens of Indigenous practices of art production and reception.
Cross-listed: REL-2811(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and REL-2811.

HIST-2900 (6) History of Science (3 hrs Lecture) This course surveys the development of Science from ancient to modern times with emphasis on the concepts of the physical sciences.
Note: This course fulfils either the Humanities Requirement or the Science Requirement.

HIST-2901 (6) History of Technology (3 hrs Lecture) A survey of developments in technology, from ancient to modern times. Throughout, there will be a consideration of the relationship of technology to humanity.
Note: This course does not fulfil the Science requirement.

HIST-2910 (3) History of Medicine to 1700 (3 hrs Lecture) This course is a survey of the development of western medicine from the ancient period to 1700. Topics include the origin of the ancient medical tradition; the Hippocratic Oath and the origin of medical ethics; the Black Death and medieval medicine; and the seventeenth century scientific revolution in medicine. The course will relate medical practice to its scientific, philosophic and social bases.
Restrictions: Students may not hold credit for this course and HIST-2909 | HIST-3909.

HIST-2912 (3) The History of Modern Medicine (3 hrs Lecture) This course is a survey of the scientific, professional, and political development of medicine after 1700. Topics include the development of scientific medicine, including the germ theory of disease; the rise of the hospital and the transformation of medical education; and the growth of the public provision of medical care, including state-sponsored medical insurance schemes in Europe and North America.
Restrictions: Students may not hold credit for this course and HIST-2909 | HIST-3909.

HIST-3001 (6) Practice and Philosophy of History (3 hrs Lecture/Seminar) This lecture/seminar course introduces the student to the practice of history. By studying historical writing it emphasizes changing ideas in history and the philosophical and practical difficulties involved in thinking about history. The course also emphasizes methodologies in research techniques and the writing of history.
Restrictions: Students may not hold credit for this course and HIST-4001 | HIST-4002.

HIST-3002 (3 or 6) History Tutorial (3 hrs Tutorial) This is a reading course taken by individual senior students with the Instructor of their choice.
Restrictions: Department Permission Required.

HIST-3005 (6) Introduction to Oral History (3 hrs Lecture/Seminar) This lecture/seminar course introduces students to setting up an oral history project, including preparing for, conducting and processing an interview. Students learn about the major issues and debates in oral history and related disciplines. Students who successfully complete this course will be able to set up an oral history project for their own studies as well as for museums, historical societies, and other public history institutions.

HIST-3006 (3) Topics in Ancient History (3 hrs Lecture) This course explores fundamental issues, specific social institutions, key historical figures, vital events, important periods, and current directions in the study of ancient Greek and Roman history in greater detail than the history survey classes allow. The focus of study varies from year to year. Examples include Greek and Roman slavery, Perikles and the Athenian Empire, the myth of Alexander the Great, and comparative Greek and Roman historiography and biography. Emphasis is placed on the use of primary source material (in translation). Information concerning these course offerings is provided by the Department.
Note: This course may be repeated when the topic varies.
Restrictions: Students may not hold credit for this course and CLAS-3006.
Requisite Courses: At least 3 credits in any Classics course, or permission of the Department of Classics [prerequisite(s)].

HIST-3007 (6) Topics in History of Food (3 hrs Seminar/Discussion) This course investigates the historical significance of food production and consumption. The variety of approaches and the wide range of content in this comparatively new field are discussed, including: gender, ethnicity, (trans)nationalism, and identity; business, labour, and capitalism; production and consumption; the role of government; the environment; the body; taste; and memory.
Note: Students must have completed or must register for and complete the three University of Winnipeg Oral History Centre Workshops.

HIST-3009 (3) Eras (3 hrs Lecture) This course focuses on a specific era, or time period, in ancient and/or classical history. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The focus of study varies from year to year. Information concerning these course offerings is provided by the Department. This course may be repeated for credit when the topic varies. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: CLAS-3850(3) and CLAS-4850(3).
Restrictions: Students may not hold credit for this course and CLAS-3850.
Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

HIST-3010 (3) Provinces and Subjects (3 hrs Lecture) This course focuses on a particular Roman province or subject population of the Roman Empire. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The instructor and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department. This course may be repeated for credit when the topic varies. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: CLAS-3840(3) and CLAS-4840(3).
Restrictions: Students may not hold credit for this course and CLAS-3840.
Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

HIST-3011 (3) Kingdoms and City-States in the Greek and Roman Worlds (3 hrs Lecture) This course focuses on a particular kingdom or city-state of the ancient world. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The instructor and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: CLAS-3830(3) and CLAS-4830(3).
Restrictions: Students may not hold credit for this course and CLAS-3830.
Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

HIST-3101 (6) History of the Ottoman Empire (3 hrs Lecture/Seminar) This lecture/seminar course examines the political, social, cultural, and economic dimensions of the Ottoman Empire from it inception at the beginning fo the fourteenth century until its demise in 1922. The multi-faceted aspects of this course are designed to present the rich heritage of the Ottoman Empire which expanded in its heyday from the Atlantic Ocean to the Indian Ocean and from the Danube to the Nile. The course offers a comprehensive introduction to Ottoman life throughout the centuries. It also highlights the legacy of the Ottoman Empire in Europe, Asia, and Africa.

HIST-3108 (3) Gender and Mennonites (3 hrs Lecture/Seminar) This lecture/seminar course will examine the role of women and of men in the evolving Mennonite society. It will trace these gender roles amongst the Radical Anabaptists of Western Europe, the agrarian Mennonite communities in Russia and North America, and Mennonites in modern, urban centres in North America. The course will examine patriarchal structures of Mennonite households, churches and communities, but also focus on the ways in which women create mechanisms of autonomy and meaning within those structures. The ideas that comprise Mennonite femininity and masculinity will receive special attention. Gender will also be traced through the Mennonite life cycle, commencing at childhood, and tracked through times of youth, marriage, mid-age, and retirement. The course will examine how Mennonite theological teachings, everyday language, modes of production, fertility rates, and national cultures affect ideas of gender in Mennonite society.
Cross-listed: MENN-3108(3).
Restrictions: Students may not hold credit for this course and MENN-3108.

HIST-3110 (3) Russia and the Mennonites (3 hrs Lecture/Seminar) This lecture/seminar course deals with the history of the Mennonites in Imperial Russia and the Soviet Union from 1789 to 1989. Cultural, economic, and religious developments of the so-called 'Mennonite Commonwealth' in the nineteenth century and of the far-flung Mennonite communities in the Soviet Union during the twentieth century are emphasized and analyzed.
Cross-listed: MENN-3110(3).
Restrictions: Students may not hold credit for this course and MENN-3110 | MENN-3203.

HIST-3111 (3) Conflict and Mennonites (3 hrs Lecture/Seminar) This lecture/seminar course deals with the Anabaptist and Mennonite understanding and experience of pacifism throughout the centuries, with special emphasis on their dealings with nation-states, church schism, ethnic relations, and domestic abuse.
Cross-listed: MENN-3111(3).
Restrictions: Students may not hold credit for this course and MENN-3111.

HIST-3112 (6) Militarism in the Modern World (3 hrs Lecture/Seminar) This lecture/seminar course offers an intensive examination of the interaction between military factors and broader social forces from the French Revolution of 1789 to the present.
Restrictions: Students may not hold credit for this course and HIST-3104.

HIST-3113 (6) Personalities and Modern Revolution (3 hrs Lecture/Seminar) This lecture/seminar course examines Europe and its overseas empires in the 19th and 20th centuries. The focus will be on the origins, conduct, and impact of modern revolutions as seen through the personal experience of leaders. Revolutionary leaders such as Robespierre, Marx, Lenin, Hitler, Stalin, Mao, and de Gaulle will be studied, as well as the collective experience of their followers. Course texts include some classic novels.
Restrictions: Students may not hold credit for this course and HIST-3107.

HIST-3114 (3) Latin America and the Mennonites (3 hrs Lecture/Seminar) This lecture/study course is a study of the founding and development of Mennonite communities in Central and South America. The focus is on problems European and Canadian Mennonites faced (and still face) in their attempt to establish an existence and identity in a predominantly Latin world. The course contrasts these conservative Mennonites to the more radical communities composed of indigenous Latin American Mennonites. In particular, it compares the manner in which the two groups of Mennonites have responded to the social and economic issues of Latin America.
Cross-listed: MENN-3114(3).
Restrictions: Students may not hold credit for this course

and MENN-3101 | MENN-3114.

HIST-3115 (6) History of Spanish American Political Culture (3 hrs Lecture/Seminar) This lecture/seminar course studies the historical formation of a distinctive political culture in selected Spanish American countries by focusing on elites, natives, and women, and by making comparisons with other New World Colonial societies.

HIST-3116 (3) Mennonites and World Issues (3 hrs Lecture/Seminar) This lecture/seminar course studies Mennonite responses to the wider world, and examines changes that have taken place among Mennonites with regard to world issues over the course of history. These issues include: urbanization, environmentalism, poverty, mass culture, the communications revolution, the global economy and family life. An emphasis is placed on the Twentieth Century World.
Cross-listed: MENN-3116(3).
Restrictions: Students may not hold credit for this course and HIST-3301 | MENN-3116.

HIST-3117 (6) Columbus to Castro: A History of Cuba, 1492-Present (3 hrs Lecture/Seminar) This lecture/seminar course analyses the historical evolution of Cuban society from the early colonial period, through capitalist development in the first half of the twentieth century, and to socialism after 1959. Emphasis is on the examination of the history of Cuba in the context of its relationship with the rest of the world. Emphasis is also on the national and international roots and dynamic of revolutionary change in Cuba, from the colonial period under Spain, through United States and Soviet hegemony, to the present, and includes consideration of the conditions and perspectives of various groups and social classes.

HIST-3118 (3) South Asian Diaspora Since 1800 (3 hrs Lecture/Seminar) This lecture/seminar course examines migration from South Asia (today comprising India, Pakistan, Bangladesh, Nepal, Bhutan, Sri Lanka and Maldives) in the nineteenth and twentieth centuries. Discussions focus on different types of migration and settlement developed within the British Empire, and the changes brought about by decolonization. The course covers labour issues including recruitment patterns, settlement patterns, establishment of educational and religious institutions, and the effect of overseas issues on nationalist politics in the colonial era. In the post-colonial period the course covers South Asian contributions to multicultural societies, labour policies, gender issues, racial discrimination and the politics of identity.

HIST-3119 (3) Indigenous Peoples and Christian Missions (3 hrs Lecture/Seminar) This lecture/seminar course examines a selected number of spiritual encounters between Indigenous peoples and Christian missionaries throughout North and South America from the time of Columbus until the twentieth century. Emphasis is placed on the early modern period (1500-1800), although some nineteenth and twentieth-century encounters may also be discussed. Topics include Catholic and Protestant missionaries; Indigenous religions; Indigenous resistance to missions; Indigenous adaptations to Christianity; gender; and economic aspects of missions.

HIST-3121 (3) Women in the Modern World (3 hrs Lecture/Seminar) This lecture/seminar course will examine the varied experiences of women in a cross-cultural context, with emphasis on the transference of European ideologies of gender to a colonial setting. Students will analyze and compare notions of womanhood in modern Europe, Asia, Africa, and Latin America, and pay special attention to the agency of imperialism and colonialism in the construction of women's lives. Using primary and secondary sources, comparisons will be drawn where appropriate among different classes, regions, and times.

HIST-3125 (3) Topics in Contemporary Latin American History (3 hrs Lecture/Seminar) This course examines key issues and events in contemporary Latin American history based on the social, political, economic and cultural phenomena critical to their development. As a contemporary history course, the chronological emphasis is on the post-1945 period, while the actual topics vary each time it is offered. Students have the opportunity to engage recent Latin American history, current regional and international issues, and the factors behind them, thereby promoting an understanding of the link between current events and historical causation. Students actively engage in methods of research, analysis, and problem-solving.

HIST-3126 (3) Environmental History & the Mennonites (3 hrs Lecture) This course takes a global perspective on environmental history, especially as it relates to nature and food production. Its focus is on 20th century, a time of immense change in agriculture and horticulture. It considers how new technologies, science, government policies and global markets related to local cultures, especially to religion and ethnicity. While global in nature, the course focuses on specific farm communities around the world. Particular attention is given to ways different kinds of "Mennonite" communities, with their ideas on non-violence and simplicity, related to land and nature.
Cross-listed: MENN-3126(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and MENN-3126.

HIST-3128 (3) Indigenous-Mennonite Relations (3 hrs Lecture) Indigenous-Mennonite Relations examines the history of the encounters between Indigenous societies and a European settler group. It focuses on specific encounters, first in Canada, but also in the United States, Mexico, Paraguay and Bolivia. It considers the intrusion on Indigenous lands of ethno-religious societies such as the Mennonites, and the evolution of attending social relations, including both inter-community co-operation and conflict. It examines respective worldviews, including ideas on non-violence, social equality, gender relations, racialization and land stewardship. The course considers recent cross-cultural exchanges, including Mennonite advocacy, Indigenous counter-cultures, and persisting relations between the two cultures.

Cross-listed: MENN-3128(3).
Restrictions: Students may not hold credit for this course and MENN-3128.

HIST-3130 (3) History of International Migration: The German Experience (3 hrs Lecture/Seminar) This course offers a survey of historical and current migration patterns, using the example of German-speaking migrants from the 18th to the 20th century. Students will explore migration processes, different types of migration, and the resulting cross-cultural encounters as well as the interaction of states and minorities. The lecture/seminar course will study Germany as a country of emigration and immigration, and discuss the existence of a German Diaspora. A knowledge of German is not required.

HIST-3135 (6) The Hudson's Bay Company and the Modern Department Store (3 hrs Lecture/Seminar) In this lecture/seminar course, students will examine the history of modern retail business organization, with special attention being given to the Hudson's Bay Company's urban retail stores. The extensive archives of the company will afford students an excellent opportunity to study major issues in accounting, personnel, management, and marketing. The external social and political context in which the stores operated will also be studied.
Cross-listed: BUS-3135(6).
Restrictions: Students may not hold credit for this course and BUS-3135.

HIST-3140 (3) Alexander the Great (3 hrs Lecture) This course looks at the life and conquests of Alexander the Great. It begins with a chronological examination of the rise of Macedon under Alexander's father, Philip II, Alexander's early life, his conquest of the Persian Empire, and ultimately, his death. Four major themes are then explored: Alexander's military and its evolution, his relationship to mainland Greece, his empire, and his divinity.
Cross-listed: CLAS-3310(3).
Restrictions: Students may not hold credit for this course and CLAS-3310 | HIST-2105.

HIST-3170 (3) History of Law in Islamic Society (3 hrs Lecture/Seminar) This lecture/seminar course examines the formation of legal structures and practices in Islamic societies from the seventh century to the present. It explores the application and adaptation of general legal principles derived from the Quran, Hadith and Sunna in specific and changing historical contexts. Presenting an overview of the development of law in Islamic society it offers historical perspectives on such issues as the role of religious texts and the limits of interpretation in Islamic law, changes in the legal status of the family, gender relations and women, crime and punishment, modernization, and European influences.

HIST-3190 (3) Theatre History III: Ibsen to the Present (3 hrs Lecture) This course is a continuation of Theatre History II, but may be taken without prerequisite. It covers developments in world theatre from the late nineteenth century to the present.
Cross-listed: THFM-3401(3).
Restrictions: Students may not hold credit for this course and THFM-3401.

HIST-3208 (3) Crusades and Crusaders in the Middle Ages (3 hrs Lecture/Seminar) This course focuses on the crusades in the Mediterranean world and Europe from the First Crusade to the Holy Land (eleventh century) to the capture of Granada from the Moors (fifteenth century). The course explores their roots, forms, and consequences. Special attention is given to the political, cultural, religious, and economic tensions and exchanges between Latin and Greek Christians, and between Christians and Muslims in the Middle East. Along with the crusading campaigns, participants' motivations, life in the crusaders' states, and the consequences of these movements on heretics, Jews, and pagan populations in Europe are explored.

HIST-3209 (3) Travel and Encounters in the Middle Ages (3 hrs Lecture/Seminar) This lecture/seminar course examines the geographical horizon of medieval Europeans and their knowledge of the world through the travel accounts of merchants, explorers, pilgrims, and missionaries. The period under scrutiny encompasses the 11th to the 15th centuries, a time when this horizon was considerably broadened, for instance, by the Crusades and the Mongol invasions. Attention is given to the development of trade routes and networks across Europe and Asia, the encounters with other peoples, and the development of a medieval imagination of the world.

HIST-3212 (3) Fact, Fiction, and Images: Interpreting Manitoba Mennonites (3 hrs Lecture/Seminar) This course introduces the student to a wide variety of historic Manitoba Mennonite writers. It includes authors of personal writings, authors or historic works from a variety of disciplines, and authors of poetry and historical fiction. This course analyzes the texts of these authors from the perspective of history, asking what light they shed on the lived experience of Mennonites in Manitoba and how specific historical times might have informed those writings. The course suggests a broad definition of "author", recognizing that all texts are literary constructions, employing particular media to make sense of the Mennonite worlds in Manitoba.
Cross-listed: MENN-3212(3).
Restrictions: Students may not hold credit for this course and MENN-3212.

HIST-3213 (3) Environmental History of Europe in the Middle Ages (3 hrs Lecture/Seminar) This lecture/seminar course examines the relationships between communities and the natural world in medieval Europe (ca. 400?ca. 1500). The course asks the question of nature's agency in medieval history by analyzing how nature shaped social structures, as well as cultural and religious identities, but also how medieval communities learned to control their environment and manage natural resources. Issues include the expansion of agriculture on European landscapes; manorial economy; agrarian and mining technologies; fishing and hunting; pollution and medieval urbanization; as well as natural disasters and diseases, such as the Great Famine and the Black Death.

HIST-3216 (3) Luther, Zwingli and the Radical

Reformers (3 hrs Lecture) This lecture/seminar course deals with the relationship between the objectives and methods of the "mainline" reformers of the sixteenth century (mainly Luther and Zwingli) and those of the "radical" reformers (such as Thomas Müentzer, Andrew Carlstadt, and the Anabaptists), and assesses the historical results of this relationship.
Cross-listed: MENN-3102(3).
Restrictions: Students may not hold credit for this course and MENN-3102.

HIST-3218 (3) Topics in the Enlightenment (3 hrs Lecture/Seminar) The lecture/seminar course will study the writings of the greater and lesser "philosophes" of Western Europe, from both the perspective of old-fashioned intellectual history and the new perspectives of social history.
Restrictions: Students may not hold credit for this course and HIST-3301.

HIST-3220 (3) Women in Medieval Europe, 800-1350 (3 hrs Lecture) This lecture/seminar course will examine the varied experiences of women in medieval Europe. Specific themes may include such topics as women's contributions to religious life and intellectual reform, the changing political and legal status of women in feudal society, women's participation in agrarian and market economies, and the construction of gender and sexuality as class experiences in the medieval period. Using primary and secondary sources, comparisons will be drawn where appropriate among different regions and times.

HIST-3221 (3) Women in the Renaissance, 1350-1550 (3 hrs Lecture/Seminar) This lecture/seminar course will examine the varied experiences of women in Renaissance Europe. Fundamental to this course will be the analysis of traditional periodization as we attempt to answer Joan Kelly's question, "Did women have a Renaissance." Women of the Renaissance period will be appraised in a broad range of roles: as members of the labouring classes and as intellectuals, as queens and as paupers. Using primary and secondary sources, students will evaluate social, political, legal, and economic conditions in women's lives to determine how these variables could be interpreted in redefining the period known as the Renaissance.

HIST-3222 (3) Women in Early Modern Europe, 1550-1750 (3 hrs Lecture/Seminar) From the sixteenth to the eighteenth centuries, European societies underwent some critical transformations. This lecture/seminar course will assess the impact of those major ideological changes that especially affected women's lives. Was the Protestant Reformation good for women? What was "scientific" and "revolutionary" for women about the Scientific Revolution? Using primary and secondary sources, comparisons will be drawn where appropriate among different classes, regions, and times.

HIST-3223 (3) Children and Childhood in Pre-Modern Europe (3 hrs Lecture/Seminar) This part-lecture, part-seminar course examines the place of children in pre-modern European societies. Themes such as the conceptualization of childhood, and the place of gender inheritance, education, training, apprenticeship, and discipline of children are explored through the study of primary and secondary sources. The time frame and geographical focus may vary from year to year, but the course content covers primarily Western Europe, c.1400-c.1700. Students are expected to read primary and secondary sources, and participate actively in course discussions.

HIST-3224 (3) Crime and Conflict in Pre-Modern Europe (3 hrs Lecture/Seminar) This part-lecture, part-seminar course explores the way in which pre-modern European societies dealt with crime and conflict in the family, village, and at large. The course covers such topics as the gendered notions of crime and punishment and the evolution of judicial and policing infrastructures in pre-industrial Europe. The time frame and geographical focus may vary from year to year, but the course content covers primarily Western Europe, c.1400-c.1700. Students are expected to read primary and secondary sources, and participate actively in course discussions.

HIST-3225 (3) Slaves, Serfs, and Servants in Pre-Modern Europe (3 hrs Lecture/Seminar) This part-lecture, part-seminar course examines the multi-faceted dimensions of servility in pre-Modern Europe. Through the lens of primary and secondary sources, students gain an appreciation for the varied mechanisms under which women and men, young and old, were indentured in pre-industrial societies, and develop a critical understanding of the ideologies that justified the categorization of humankind along their servile status. The time frame and geographical focus may vary from year to year, but the course content covers primarily the institutions of slavery and other forms of servitude in Western Europe, c.1400-c.1700. Students are expected to read primary and secondary sources, and participate actively in course discussions.

HIST-3310 (3 or 6) Topics in Modern Ukrainian History (3 hrs Lecture/Seminar) This course examines selected topics in Ukrainian history from 1800 to the present. Actual topics discussed vary from year to year. They include: transformations of Ukrainian nationalism and national identity in the East European context: Ukrainian territories in nineteenth century Habsburg and Romanov Empires; military, social and political dimensions of World War I and World War II in Ukraine; social change and identity in Soviet Ukraine; culture and politics of the post-Soviet transformation. The course consists of both lectures and seminars; in-class discussions based on readings constitute an important component of the course.

HIST-3314 (6) Recent European History (3 hrs Lecture/Seminar) This lecture/seminar course concentrates on the turbulent period between the Franco-Prussian War and the Second World War, and deals with both domestic and international history. Domestic themes, drawn from across the continent, include industrialization, nationalism, church-state relations, socialism and anarchism, racism, and fascism. International themes include imperial rivalries, arms races, war avoidance and peacemaking.

Restrictions: Students may not hold credit for this course and HIST-3303.

HIST-3315 (6) European Power Politics (3 hrs Lecture/Seminar) This is a lecture/seminar course in European foreign relations in the 19th and 20th centuries. The effects of economics, ideologies, revolutionary movements, personalities, and military planning will be investigated.
Restrictions: Students may not hold credit for this course and HIST-3308.

HIST-3317 (3) Topics in Russian and Soviet History (3 hrs Lecture/Seminar) This lecture/seminar course will cover selected topics in Russian and Soviet history. Topics may be drawn from political, social, or economic history.

HIST-3320 (3) Topics in Russian Intellectual History (3 hrs Lecture/Seminar) This lecture/seminar course will analyze political and social ideas in nineteenth- and twentieth-century Russia. Individual works by authors such as Dostoevsky, Tolstoy, and Solzhenitsyn will be discussed. Issues such as social philosophy, political philosophy, and attitudes towards Russian identity will be studied.

HIST-3406 (6) Colonialism and Nationalism in India (3 hrs Lecture/Seminar) Using several disciplinary perspectives, this course examines the history of colonial India from the period of first contact with Europeans to the partition of the subcontinent in 1947. Topics include the colonization of India by European powers, the structures and processes of colonialism, resistance to colonialism, the emergence of nationalism, nationalist leadership, and partition.
Restrictions: Students may not hold credit for this course and HIST-3706.

HIST-3408 (3) Women's History in South Asia (3 hrs Lecture/Seminar) This lecture/seminar course examines selected aspects of women's history in South Asia in the period c. 1750 to the present. Issues covered include the social history of women's roles within the family and the kin network, women's labour, women and religion, women's education, women and politics, and the movement for women's rights.
Restrictions: Students may not hold credit for this course and HIST-3708.

HIST-3515 (6) Material Culture in the History of the Indigenous Peoples of Canada (3 hrs Lecture) This lecture/seminar course traces Canadian Indigenous history from pre-contact times to the early 20th century through a close examination of Indigenous and fur trade material culture. Throughout the course of the fur trade Indigenous people and Europeans exchanged and adopted various technologies. These exchanges were of critical importance in shaping relations between Euro-American traders and Indigenous peoples. This course explores various ways in which Indigenous and European technologies complemented each other and highlights the non-material meanings associated with particular artefacts. We examine the social, cultural and spiritual connotations that Indigenous artefacts held and that European-introduced technologies and materials acquired.
Cross-listed: ANTH-3126(6).
Restrictions: Students may not hold credit for this course and ANTH-3126.

HIST-3518 (3) History of the Indigenous Peoples of the Northern Plains (3 hrs Lecture) This lecture-seminar traces the history of Indigenous Peoples on the Northern Plains from the pre-contact period to the mid-20th century on both sides of the present Canadian-U.S. border. Ancient plains cultures, the introduction of European technologies, the fur trade, struggles for regional dominance and control over resources, advancing European settlement, and the establishment of reservations/reserve constitute the major topics of this lecture seminar. In a comparative approach, this course explores critical differences and similarities in Indigenous history on both sides of the Canadian and US border.
Cross-listed: ANTH-3127(3).
Restrictions: Students may not hold credit for this course and ANTH-3127.

HIST-3519 (3) Indigenous Peoples and Treaties (3 hrs Lecture/Seminar) This course examines treaties and treaty-making between indigenous peoples and European colonial powers and their successor states from the early colonial period to the late nineteenth century. Topics include European claims to the Americas, European and indigenous ways of treaty making, indigenous concepts of land-ownership, United States and Canadian treaty policies, treaty making in Australia and New Zealand, and the enduring struggles for treaty rights by indigenous peoples. A number of treaties are analyzed in class as historical documents.

HIST-3522 (3) Indigenous Peoples of Arctic Canada (3 hrs Lecture) This course focuses on the Inuit and their ancestors, inhabitants of Canada's Arctic and adjacent regions for nearly 5000 years. It examines the origins and development of their pre-and post-contact culture in light of archaeological and ethnographic evidence, with emphasis on regional variations in subsistence and settlement patterns, social organizations, intellectual life, and contact with Euro-Canadian institutions, ideas, and state policy. The course concludes by considering Inuit culture identity in the 21st century.
Cross-listed: ANTH-3120(3).
Restrictions: Students may not hold credit for this course and ANTH-2118 | ANTH-3120.

HIST-3523 (3) Indigenous Women's History (3 hrs Lecture/Seminar) This course examines Metis, Inuit and First Nations women's history in Canada. The course covers a variety of themes, including Indigenous women's health, labour and education history; histories of sexual, legal, and social regulation of Indigenous women; and formal, informal, local and national women's organizations. Students also engage in historical interpretation of a variety of different kinds of historical evidence and consider the creative work of Indigenous women in diverse cultural fields including art, film, music and literature.
Cross-listed: IS-3523(3) and WGS-3523(3).

Restrictions: Students may not hold credit for this course and IS-3523 | WGS-3523.

HIST-3524 (3) Regulating the "natives:" Indigenous Policy in Canada and the USA (3 hrs Lecture) This course provides an exploration of the histories, societies, and cultures of Indigenous/Aboriginal Canadians and American Indians in the context of government policy. Europeans coming to the New World carried with them cultural perspectives on Indigenous peoples as well as culturally relevant, to them, political, legal and religious viewpoints that led to the creation of policies. Student study a range of policies meant to regulate Indigenous peoples. Students examine the topic through primary and secondary sources, and are exposed to a comparative overview of the similarities and differences of policies in the neighboring countries.
Cross-listed: ANTH-3119(3), IS-3102(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and ANTH-3119 | IS-3102.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 or permission of the instructor [prerequisite(s)].

HIST-3525 (3) History of the Metis in Canada (3 hrs Lecture/Seminar) This lecture/seminar course traces the history of people of mixed Indigenous/European descent from their origins in New France and the fur trade to the modern period. Special attention is given to family and community history. Comparative studies help us understand why a Metis political and ethnic consciousness develops in some settings but not in others.

HIST-3526 (3) Ethnohistoric Methods and Theory (3 hrs Lecture) Ethnohistory combines ethnographic and historical methods to study changes in cultures over time. In this course students gain a theoretical understanding of ethnohistory through a series of readings that explore differences between oral and written texts. They also gain a practical understanding of the discipline through the transcription of an oral text, which is contextualized through library and/or archival research.
Cross-listed: HIST-4526(3) and ANTH-3117(3)/4117(3).
Restrictions: Students may not hold credit for this course and ANTH-3117 | ANTH-4117 | HIST-4526.

HIST-3528 (3) History of Eastern and Subarctic Algonquian Peoples (3 hrs Lecture) This lecture/seminar course traces the histories of eastern and subarctic Algonquian peoples from the Powhatans and Mi'kmaq to the Ojibwe and Cree, from earliest times to the early twentieth century. Oral records, documentary sources, and secondary materials are used to present and juxtapose Indigenous and European perspectives throughout the course. Topics include group origins, languages, gender relations, and cultural, political, and social history, as well as the effects of contact and governmental policies.
Cross-listed: ANTH-3128(3).
Restrictions: Students may not hold credit for this course and ANTH-3128.

HIST-3532 (3) History of the Iroquoian Peoples (3 hrs Lecture/Seminar) This lecture/seminar course examines the history of the Iroquoian peoples in Eastern North America from the precontact time until the present. Emphasis is placed on the Iroquois Confederacy and the Huron (Wendat) peoples living in Canada and the United States. Topics include the origins of the Iroquois Confederacy, the fur trade and Christian missions, the Iroquois Wars and the destruction of Huronia in 1649, the dispersal and migration of Iroquois and Huron communities through the Great Lakes region and the Saint Lawrence Valley, and the influence of the Canada-US border on Iroquois communities.
Cross-listed: ANTH-3132(3).
Restrictions: Students may not hold credit for this course and ANTH-3132.

HIST-3540 (6) Critical Issues in the History of Canadian Politics, Nationalism, and International Relations (3 hrs Lecture/Seminar) This lecture/seminar course will address the development of Canadian nationhood through the examination of such critical issues as the following: the Canadian political tradition and its British and American heritage; changing constitutional relationships between colony and empire and between Dominion and provincial governments; Canadian-American relationships and the implications of defence and strategic concerns for nationhood.

HIST-3541 (3) Mennonites in Canada (3 hrs Lecture/Seminar) This course will survey major developments in Canadian Mennonite communities from 1786 to the present. It will trace the following themes: the Swiss American and Russian roots of Canadian Mennonites; community formation in Ontario and Western Canada; Anabaptism in every day life (especially the way it was played out in the family); theological developments in the late nineteenth and early twentieth centuries; the survival of Mennonite faith distinctives in the urban and socially-integrated Canadian society since World War II. Special emphasis will be placed on establishing the unique features of Canadian Mennonite experience.
Cross-listed: MENN-3541(3).
Restrictions: Students may not hold credit for this course and MENN-3541.

HIST-3542 (6) Gender, Class, and Ethnicity in Canadian History (3 hrs Lecture/Seminar) Lectures and seminars in this course will examine how gender, social class, and ethnicity have influenced Canadian history. Topics will include the evolution of gender relations, emergence of social and political movements, and the complexities of ethnic and racial relations in Canada.
Restrictions: Students may not hold credit for this course and HIST-3530.

HIST-3543 (6) Immigration to Canada (3 hrs Lecture/Seminar) This lecture/seminar course examines the complex history of immigration to Canada. Topics will include an examination of the social, economic, and political conditions motivating immigrants to leave their homelands in the British Isles, Europe, Asia, Latin America and elsewhere for Canada, their strategies for adaptation to life

in Canada, and the response of Canadian society to their presence. The lectures and seminars also will compare the Canadian immigrant experience with the experiences of the United States and other countries.

HIST-3544 (6) History of Winnipeg (3 hrs Lecture/Seminar) This lecture/seminar course examines the history of Winnipeg from the mid-nineteenth century to the present. The lectures and seminars will focus on the industrial, social, political, and cultural history of the city and explore this past within the context of the history of western Canada.
Restrictions: Students may not hold credit for this course and HIST-3511 | HIST-3551.

HIST-3545 (6) Historical Perspectives on Women in Canada (3 hrs Lecture/Seminar) This lecture/seminar course explores themes in North American women's and gender history, with particular emphasis on the Canadian context. The course will chart the evolution of women's/gender history and examine women's lives in the past. Students will analyse the practice and politics of writing history and the challenges of documenting and writing women's lives.
Restrictions: Students may not hold credit for this course and HIST-3599.

HIST-3548 (6) Alternative Visions: Rebels and Revolutionaries in Canada (3 hrs Lecture/Seminar) This lecture/seminar course examines critically the cultural, social and organizational development of the anarchist, feminist, labour, and socialist movements of late nineteenth and twentieth century Canada. Topics include the origins of the first workers' movements; the history of the One Big Union and the Winnipeg General Strike; early feminist organizations, including the Women's Labour League; the founding of communist, socialist, and labourist parties; the Progressive Arts Movement and conflicts with the state in the 1930s; Student and Women's movements in the 1960s; Nuclear Disarmament Campaigns; and the emergence of the social justice/anti-globalization movements.

HIST-3552 (6) Regionalism and the History of the Canadian West (3 hrs Lecture/Seminar) By examining the history of the Canadian West from 1870 to the present, this lecture-seminar course will explore the establishment and reproduction of a system of political economy which has created regional disparities in Canada. Consideration will be given to the process of capitalist development and the role of government policy in promoting and redressing disparities. Also, attention will be directed to the emergence of regionalism as an ideology. Where appropriate, comparisons will be drawn between the experiences of western Canada and those of other regions of the country, as well as with the American West.
Restrictions: Students may not hold credit for this course and HIST-3550 | HIST-3551.

HIST-3560 (6) The German-Canadian Presence in Canadian History (3 hrs Lecture/Seminar) This lecture/seminar course will focus upon the European origins of German-speaking immigrants to Canada, their settlement patterns,and their social, political, and economic roles.In addition, the course will examine both the effects of international events upon the German-speaking population and their place in the Canadian cultural mosaic.
Note: Please see the Department for a specific course description.
Cross-listed: GERM-3103(6).
Restrictions: Students may not hold credit for this course and GERM-3103 | GERM-3561 | HIST-3561.

HIST-3561 (3) German-Canadian Identity - Historical Perspectives (3 hrs Lecture/Seminar) This lecture/seminar course will explore questions of ethnic identity, using the example of German Canadians. While students will develop their individual research projects related to the broader issue of ethnicity, class discussion will focus on the historical presence of German speakers in Canada, their settlement patterns, their relationship to political culture and the Canadian state, and perceptions and self-images of German Canadians.
Note: A knowledge of German is not required.
Cross-listed: GERM-3561(3).
Restrictions: Students may not hold credit for this course and GERM-3103 | GERM-3561 | HIST-3560.

HIST-3570 (3 or 6) The Family in Canadian History (3 hrs Lecture/Seminar) This course traces changes in Canadian family life and ideals over the nineteenth and twentieth centuries, considering the impact of economic, legal, and cultural change and the influence of state policy, consumer culture and immigration. It examines the changing nature of marriage, family economies, access to birth control, and ideals of parenting. It explores not only ideals of family life, but also the experience and treatment of those who deviated from these ideals. The course gives equal time to lectures and to class discussion and, as such, depends on the active and regular participation of students.

HIST-3571 (3) History of Feminism in Canada (3 hrs Lecture/Seminar) This course examines the history of feminism, focusing on the Canadian experience set within the broader context of North America and the West. It considers the changing goals, methods of organizing, adherents, societal responses and impact during each of the three "waves" of feminism. It explores biographical history of key Canadian and Western feminists. The course gives equal time to lectures and to class discussion and, as such, depends on the active and regular participation of students.
Cross-listed: WGS-3571(3).
Restrictions: Students may not hold credit for this course and WGS-3571.

HIST-3572 (3 or 6) History of Childhood in Canada (3 hrs Lecture/Seminar) This course traces the history of childhood in Canada from the pre-industrial period to the late-twentieth century. It explores how new ideals of childhood which emerged in the late-nineteenth century differed from those existing previously and how an ideal of the child as dependent and in need of careful nurture and protection gradually took hold. It explores these subjects via a consideration of a number of issues which, from year to year, may include work, schooling, health, adoption,

delinquency, recreation, and the emergence of children as a target consumer market.

HIST-3573 (3) Material Culture in Northern Plains Indigenous History, Field Course (3 hrs Field Study) In this experiential-learning course, we explore various ways in which Indigenous and European technologies of the fur trade era complemented each other. The first half of the course is taught through seminar discussions and lectures at the University of Winnipeg/WEC, the second half of the course takes place at the ANPO-Bison Ranch, near Rossburn, Manitoba, where students have an opportunity to work with Indigenous Elders from the nearby First Nations communities, learn about and experience traditional technologies, such as tanning hides and/or manufacturing archery equipment, while being accommodated in traditional tipis and/or modern tents. Students should notify the instructor in case of dietary restrictions, plant-, animal-, or food allergies. At the 4000-level, a greater amount of written work and more in-depth primary research are required.
Cross-listed: ANTH-3273(3), ANTH-4273(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and ANTH-3273 | ANTH-4273 | HIST-4573.

HIST-3590 (3) Indigenous Health History (3 hrs Lecture/Seminar) This course introduces students to Indigenous health history focusing primarily on First Nations, Inuit and Métis experiences. Historical case studies will be drawn from the seventeenth to the twentieth centuries with a special emphasis on the impact of colonization on Indigenous medicine and Indigenous health in Canada.
Cross-listed: IS-3590(3).
Restrictions: Students may not hold credit for this course and IS-3590.

HIST-3603 (3) United States, 1878-1929 (3 hrs Lecture/Seminar) This lecture/seminar course will treat major political changes in the period from the end of Reconstruction to the stock market crash of 1929. In addition to studying styles of political leadership, the social and cultural basis of politics will be explored. The concluding unit will discuss the "prosperity decade" of the 1920s.

HIST-3604 (3) United States, 1929-1988 (3 hrs Lecture/Seminar) This lecture/seminar course will treat the grand themes of reform and conservatism in American politics from the Great Depression to the Reagan era. Various forms of social protest will also be explored, as will selected themes in diplomatic history. The studies will conclude with the presidency of Ronald Reagan.

HIST-3609 (6) History of Native American Peoples of the United States, Colonial Period to the Present (3 hrs Lecture/Seminar) This course examines the history of the Native American peoples in the continental United States from the colonial period to the present. Topics include Native American and European backgrounds; Spanish, English, French, and Dutch interactions with Native American peoples; the Revolutionary Era; Indian Removal; the wars on the Great Plains; the Reservation Era; the Indian New Deal; Termination and Relocation; the period of self-determination; and the "age" of casinos.
Restrictions: Students may not hold credit for this course and HIST-2609.

HIST-3611 (6) Colonial America, 1492-1783 (3 hrs Lecture/Seminar) This lecture/seminar course examines the American Colonies from their earliest beginnings to the Treaty of Paris. It examines the process of colonization; the development of societies in the American colonies; the colonies' role in the British Empire and the causes and consequences of the American Revolution.
Restrictions: Students may not hold credit for this course and HIST-3601.

HIST-3612 (3) Religion in American History (3 hrs Lecture) This lecture/seminar course is a survey of religious thought, influence, and institutions in American life that ranges from the Puritan and Quaker societies of Colonial America to the cults and sects of the present; the effects on society of both the large mainstream churches and the small unconventional ones.

HIST-3701 (6) Modern Africa (3 hrs Lecture/Seminar) Studies in African history from the slave trade to the age of independence. Emphasis on the African response to European ambition and the role of nationalism, tribalism, Islam, and Westernization in the shaping of modern Africa.

HIST-3703 (3) South Africa in the Modern World (3 hrs Lecture/Seminar) This course is an analysis of the political, economic, and social determinants of apartheid in the twentieth century.

HIST-3704 (3) West Africa in the Twentieth Century (3 hrs Lecture/Seminar) This course offers selected studies in the development of new states from the beginnings of colonial rule to the present. Emphasis will be placed upon Ghana and Nigeria as models of the decolonization and independence experience.

HIST-3711 (6) History of Liberation Movements in Southern Africa (3 hrs Lecture/Seminar) This lecture/seminar course examines the history of liberation movements in Southern Africa and their diverse efforts to attain independence. Particular focus is directed to the history of liberation movements in South Africa and Zimbabwe. Themes examined will include class, ethnicity, race, popular resistance and nationalism. Major topics will include the colonial background, roles of organizations, leadership, recruitment, political culture and ideologies.

HIST-3805 (3 or 6) Arts of the Arctic (3 hrs Lecture/Seminar) The course is an introduction to the arts in the Canadian Arctic. It covers briefly the prehistoric and historic periods with a particular focus on post 1949 and contemporary visual arts. The course familiarizes the students with the diversity of indigenous art - and more specifically Inuit art - in a range of media including

sculpture, prints, drawings and textiles, video, film and digital media as well as contemporary performance practices. The history of the development of these art forms is studied in their social, political, economic and cultural context. Local collections are extensively utilized.
Note: Students may not receive credit for both the 3 credit and 6 credit version of this course.

HIST-3807 (3 or 6) Topics in Twentieth and Twenty-First Century Canadian Art (3 hrs Lecture/Seminar) This is an advanced lecture/seminar course examining various areas in twentieth and twenty-first Canadian art. The course addresses issues such as the taxonomy of style - realism, abstract expressionism, minimalism; problems of value - dealers, galleries, craft, design and electronic imaging; and the politics of art - feminism, regionalism, First Nations, ethnicity, ordinary people and government funding. The course investigates issues that affect the country as a whole, within the global context. Assignments focus on art historical writing and criticism. The latter part of the course deals with aspects of Manitoba culture, for example, women artists. This involves individual student projects and primary research in local archives and collections.
Restrictions: Students may not hold credit for this course and HIST-3821 | HIST-3822.

HIST-3809 (6) Nineteenth-Century Art in Context (3 hrs Lecture/Seminar) This lecture/seminar course focuses on the major artistic movements of Neoclassicism, Romanticism, Realism, Impressionism, and Post-Impressionism within the context of the social and political upheavals of the late eighteenth and nineteenth century. This course explores the relations between popular culture and the fine art of the ruling class, between ideology and artistic practice, between the revolution of the avant-garde and of the people, and among industry, exploitation, and empire, and between women as artists and as subjects of art.
Restrictions: Students may not hold credit for this course and HIST-3817 | HIST-3818.

HIST-3810 (3 or 6) Art of the Twentieth-Century (1900 to the Present) (3 hrs Lecture/Seminar) This course introduces the development of abstraction and expression in art from 1900 to the present, particularly the relation of artistic movements to the political and historical context. The roles of war, sexuality, money, and the cult of personality in the production and reception of art are addressed within a framework of critical analysis, including formalism, Marxism, the feminist critique, and post-modern deconstruction. A wide range of media is explored including the arts of film, dance, sculpture, painting, and architecture.
Restrictions: Students may not hold credit for this course and HIST-3819 | HIST-3820.

HIST-3811 (6) Women, Art, and Society (3 hrs Lecture/Seminar) This lecture/seminar course will consider the new approaches offered by critical theory, psychology, postmodernism, and feminism to the practice of art history and to the history of art in a wide selection of different cultures and periods. The role of women in the production of art will be re-evaluated, the rediscovery of forgotten arts and women artists will be studied, and the representation of women in art will be analyzed. The creative process, art history as a discipline, and the role of art in society from traditional craft and "fine" art to film and advertising will be explored in the light of women's experience.

HIST-3813 (3) Art History in Focus I (3 hrs Lecture/Seminar) This lecture/seminar course offers students the opportunity for intensive study of a single artist's work or artistic movement on whose work there is a significant body of art historical writing and criticism. Each time the course is offered the name of the artist or movement in focus will be listed in the Timetable.

HIST-3814 (3 or 6) Indigenous Arts (3 hrs Lecture/Seminar) This lecture/seminar course offers an introduction to the arts of indigenous peoples with a focus on contemporary First Nations and Métis art in Canada. Students explore critical approaches to the social and political issues surrounding tradition, appropriation, modernity, and personal identity in our survey of visual art. Forms examined may include painting, sculpture, print making, installation, dance, music, theatre, new media, and performance. Local artists, exhibitions, and collections offer students first-hand experience of current art production in Manitoba.

HIST-3816 (6) Art and Architecture of Pilgrimage (3 hrs Lecture/Seminar) This course is an introduction to the history of pilgrimage art and architecture from the Middle Ages to the Modern era. Medieval and Post-Medieval pilgrimages are used as a laboratory for investigating the topic of the journey to a shrine for the realization of spiritual benefits or the fulfilment of personal motives. Class discussions and lectures on the experience of pilgrimage and its visual ways of expression might include: the major pilgrimages to Christian, Muslin, Hindu and Jewish sites, and the later pilgrimages to North-American shrines.

HIST-3824 (3) History and Theory of Dance and Art (3 hrs Lecture) Dance is a visual art that lives in both time and space. We will explore the social, historical and aesthetic relationships of dance to other art forms such as painting, sculpture, architecture, performance, and video from antiquity to the present. Differences of class, gender and culture as well as questions of identity and the body will be central to our study.

HIST-3825 (6) Theories and Methods for Art History (3 hrs Lecture/Seminar) This course explores various traditional art historical and critical approaches to the study of art including visual analysis. Biography and iconography, and more recent theories such historiography, feminism and postmodernism. Museums, galleries and the market as well as techniques and conservation are also considered. Research methods for art historian are put into practice in written assignments and whenever possible. Field trips to local sites and exhibitions take place during class time.

HIST-3826 (3) Art History in Focus II (3 hrs Lecture/Seminar) This course offers students the

opportunity for intensive study of a single artist's work or artistic movement on whose work there is a significant body of art historical writing and criticism. Each time the course is offered the name of the artist or movement in focus will be listed in the Timetable.

HIST-3828 (3 or 6) Dada & Surrealism: Art of the Unconscious (3 hrs Lecture/Seminar) This course examines the art and ideology of the Dada and Surrealist movements in the twentieth century. Dada and Surrealist artists rejected Enlightenment values, which they felt had led to World War I, and instead celebrated the irrational side of mind. Dada artists experimented with elements of chance in order to devalue the role of the artist, and the Surrealists explored the unconscious mind using automatic drawing techniques and dream inspired imagery. These movements were interdisciplinary, and in that spirit we examine art, literature, performances and films. Emphasis is also given to the role women played in these movements. Restrictions: May not hold credit in this course and HIST-3813 if the topic was Dada and Surrealism.

HIST-3829 (3 or 6) Modern Architecture and Design (3 hrs Lecture/Seminar) This course examines the major monuments, architects, and theories of nineteenth and twentieth century architecture, urbanism, landscape design and interior design. The discussion topics include the architectural responses arising from the issues of Modernity such as industrialization, new technologies, nationalism, and constructs of "nature".

HIST-3832 (3) Art, Design, and the City (3 hrs Lecture/Seminar) This lecture/seminar course examines ideas about cities and urban life. Topics may include Indigenous understandings of place and space, colonialism, public art and urban design, race, gender, disability and sexuality, Modernist utopias of the city, urban landscape and contemporary theories, and practices of urban planning. The course investigates concepts of the land and landscapes as frameworks for both the natural and built environment. The course examines how humans have transformed and manipulated space over time, while simultaneously developing cultures that encompass a range of ideas and attitudes towards landscape, place, identity, narrative and community.

HIST-3833 (3) From the Reel to the Digital: Indigenous Film and New Media Art (3 hrs Lecture/Seminar) This course explores how Indigenous artists have used digital technology, video, and film to engage with colonization, assimilation, residential schools, and other government policies in Canada and across the globe. The course themes are examined through the theoretical frameworks of visual, cultural, queer, and gender studies. These frames assist in analyzing how Indigenous artists create a visual language of resistance, revitalization, and decolonization. Artists explore topics such as the land, language, identity, sovereignty, environmental racism, economic development, health, music, art, dance, human rights, and spirituality through various media and artistic practices.

HIST-3840 (3 or 6) Seventeenth Century Art (3 hrs Lecture/Seminar) This course explores the visual arts of Italy, France, England, Spain, and the Netherlands against the background of the social, economic, political and religious change in the seventeenth century. Some of the topics we consider include the position of women artists, the cultural effects of colonialism, the natural sciences, art collecting and the emergence of the art market.
Restrictions: Students may not hold credit for this course and HIST-3803.

HIST-3841 (3 or 6) Arts of the Middle Ages (3 hrs Lecture/Seminar) This lecture/seminar course is an introduction to the study of medieval art and architecture in Europe, from the demise of Late Antique traditions up to the Renaissance. In the context of a thematic survey, students are introduced to the terminology, methods, materials, subject matter and function of medieval art and architecture. Since the largest proportion of surviving materials is religious, this includes a firm grounding in the medieval Christian tradition and the nature of the prominent institutions of Church and state. Secular art is considered where possible or appropriate, and broader issues of material culture are explored.

HIST-3842 (3 or 6) Italian Renaissance Art (3 hrs Lecture/Seminar) This lecture/seminar course is an introduction to the study of Italian Renaissance art and architecture in the context of the social, political and economic circumstances of this time. This course traces the history of painting, sculpture and architecture of the mid-14th to the 16th century. More specific topics explore the virtuosity and philosophies of realism, the discovery of linear perspective, the artists' social and intellectual status, art patronage, and gender issues (women artists and women's art patronage). Some artists/art patrons are considered more in depth, such as Leonardo da Vinci, Michelangelo, and Isabella d'Este, among others.

HIST-3843 (3 or 6) Northern Renaissance Art (3 hrs Lecture/Seminar) This lecture/seminar course is an introduction to the study of art and architecture of the mid-14th to the 16th century Northern regions of Western Europe (France, England, Germany and the Netherlands) in the context of the social, political, and economic circumstances of this time. More specific topics should capture our attention, such as the development of panel and manuscript paintings, prints, the rise of realism and secular subjects in the arts, the transformation of the artist's status, and art patronage.

HIST-3901 (3) The Scientific Revolution (3 hrs Lecture) This lecture/seminar course is a study of early modern natural philosophy. Scientific developments from 1540 to 1700 will form the subject matter, but additional themes include the following: the changing relationship between science and other forms of knowledge such as philosophy, magic, and theology; and the social significance of science in the early modern period.
Restrictions: Students may not hold credit for this course and HIST-2905 | HIST-3905.

HIST-3902 (3) The Darwinian Revolution (3 hrs Lecture/Seminar) This lecture/seminar course examines the

genesis, development, and assimilation of Charles Darwin's theory of evolution by natural selection. Topics include the historical sciences (e.g., geology, paleontology) before Darwin, pre- and non-Darwinian theories of evolution, the sources of Darwin's theory; and the social, scientific, and religious legacy of Darwin.
Restrictions: Students may not hold credit for this course and HIST-2906 | HIST-3906.

HIST-3903 (3) Classical and Medieval Science (3 hrs Lecture/Seminar) This lecture/seminar course examines the theories, experiments, and calculations of Greek, Roman, and European scientists before the Scientific Revolution of the seventeenth century. As well as considering the work of the major contributors to astronomy, physics, and mathematics in this period, the course places their ideas and the work of the schools of Greece, Rome, and medieval Europe within their social, cultural, and intellectual contexts.
Cross-listed: CLAS-3090(3).
Restrictions: Students may not hold credit for this course and CLAS-3090 | HIST-3211.

HIST-3904 (3) The Einsteinian Revolution (3 hrs Lecture) This lecture/seminar course is an introduction to the history of physics and cosmology in the twentieth century with particular attention given to the role of Albert Einstein. Emphasis will be placed upon the origin, exposition and development of Einstein's Relativity Theory and the rise of Quantum Physics (particularly the debate between Einstein and Niels Bohr over its physical interpretation).
Restrictions: Students may not hold credit for this course and HIST-2908.

HIST-3911 (3) History of Madness and Psychiatry (3 hrs Lecture/Seminar) This course explores the different ways in which mental health and illness have been imagined, theorized, classified, and treated in the Western world from Antiquity to the present. The course looks at the lived experiences of people deemed to be "mad", and considers the philosophy and practices of those who attempted to treat madness, including psychiatrists. The course shows how intellectual, social, cultural, political, technological and other factors have interacted over the centuries to produce complex and ever-changing views of mental health and illness.

HIST-3913 (3) The History of Disease (3 hrs Lecture/Seminar) This lecture/seminar course surveys humanity's experiences with disease and analyzes its historical study. The course emphasizes epidemic diseases though non-infectious diseases are also considered. The objective is to examine, through the lens of history, popular and medical constructions of disease, the pattern of disease and its impact in any given society, and the medical, social, and cultural responses to it.

HIST-4000 (3) Tutorial (3 hrs Tutorial) This is a reading course by individual senior students with the Instructor of their choice.
Restrictions: Permission of Chair and Instr.

HIST-4100 (6) Tutorial (3 hrs Tutorial) This is a reading course in World History taken by individual senior students with the Instructor of their choice.
Restrictions: Permission of Chair and Instr.

HIST-4103 (6) Colonization and the Age of Modernity in Latin America (3 hrs Lecture) This course examines the relationship between modernity and colonization in Latin America. It addresses how modern Latin American societies are shaped by their experiences under colonialism. It also examines the relationship between globalization and developments in Latin America at the regional, national, and local levels.
Restrictions: Honours Form Required.

HIST-4111 (6) Frontiers and Borderlands (3 hrs Seminar/Discussion) This seminar course uses the concepts of frontiers and borderlands to analyze relations between indigenous peoples and expanding empires in world history. After a discussion of the historiography of frontiers and borderlands we will apply these concepts to Ancient Rome, China, the Eurasian steppe, South Africa, the Americas, and Australia. Considerable attention is given to the creation and persistence of borderlands in North America. Finally, the course discusses the many ways in which frontiers and borderlands are presented in literature, art, film, and public history.
Restrictions: Honours Form Required.

HIST-4112 (6) History of the Atlantic World (3 hrs Seminar/Discussion) This seminar uses the concept of an Atlantic World to examine the connections between Europe, the Americas, and West Africa from the first wave of European overseas expansion (1450-1500) to the Age of the Atlantic Revolutions (1775-1825). Topics may include the concept of Atlantic history, cultural contacts, religious exchanges, slavery and the slave trade, ecology and environment, commerce, migration, women and gender, and political ideas.
Restrictions: Honours Form Required.

HIST-4113 (6) Slavery in the Americas (3 hrs Seminar/Discussion) This course examines selected topics in the history of black enslavement and race relations in the United States, the West Indies, and Brazil from 1600 to the present.
Restrictions: Honours Form Required. Students may not hold credit for this course and HIST-4102.

HIST-4121 (6) Sex, Race, and Gender in the Early Modern Period (3 hrs Seminar/Discussion) This senior seminar deals with the history of ideas about humankind in the early modern period, c.1450-1650. Through readings of primary and secondary sources, students examine the theoretical frameworks in the early modern period used in the classification of human beings, especially in reference to sexuality, race, and gender, with links made to other social constructs of differentiation, including socio-economic rank or station, and religion. This seminar explores these ideas in the context of early overseas colonization.
Restrictions: Honours Form Required.

HIST-4130 (6) History and Memory (3 hrs

Seminar/Discussion) This seminar examines the field of memory studies through a comparative transnational survey(with a focus on Canada, USA, and Germany). Memory studies asks not "What happened in the past?" but rather "How did individuals and groups remember the past?". To answer this question, historians study oral history and other forms of informal communication, formal history education, museums, monuments, film, and photography. Students learn about major concepts such as historical consciousness; narrativity; collective memory, public history; culture and politics of history, including "history wars".
Restrictions: Honours Form Required.

HIST-4190 (6) Studies in Islamic History (3 hrs Seminar/Discussion)

HIST-4200 (6) Tutorial (3 hrs Tutorial) This is a reading course in Pre-Industrial Europe by individual senior students with the Instructor of their choice.
Restrictions: Permission of Chair and Instr.

HIST-4213 (6) Topics in Early Modern Women's History (3 hrs Seminar/Discussion) This senior seminar deals with the history of women in early modern Europe, c.1450-1650. Through the examination of selected topics in women's history, students explore an array of theoretical and methodological approaches. The seminar treats various themes in women's history such as marriage/widowhood law, economy, politics, religion, etc.
Restrictions: Honours Form Required. Students may not hold credit for this course and HIST-4120.

HIST-4218 (6) Topics in Medieval Culture (3 hrs Seminar/Discussion) This seminar studies selected aspects of the cultural, social, and religious life during the Middle Ages in Europe. Topics may include the popular and scholarly knowledge of and beliefs concerning the world and humanity, the transmission of this knowledge, the place of humankind in the world, and the role of the Church in society.
Restrictions: Honours Form Required.

HIST-4300 (6) Tutorial (3 hrs Tutorial) This is a reading course in Modern European History taken by individual senior students with the Instructor of their choice.
Restrictions: Permission of Chair and Instr.

HIST-4315 (6) Europe in Crisis, 1914-1945 (3 hrs Seminar/Discussion) In this course students will select topics in the history of Europe from World War One to the end of World War Two. Topics may range from intellectual and cultural, through military and diplomatic, to economic and political.
Restrictions: Honours Form Required. Students may not hold credit for this course and HIST-4304.

HIST-4317 (6) Studies in Modern Russian History (3 hrs Seminar/Discussion) This course studies modern Russian History, examining the social, political, economic, and intellectual development of Russia since 1700 within a specific time period to be determined by the instructor.
Restrictions: Honours Form Required. Students may not hold credit for this course and HIST-4301.

HIST-4403 (6) Postcolonial India (3 hrs Seminar/Discussion) This course examines aspects of Indian history in the period since 1947. Issues include the partition of the subcontinent in 1947, the period of Nehruvian socialism, the rise of the Hindu right, dalit politics, aboriginal/tribal secessionist movements, rural and urban poverty, environmental issues, the feminist movement, modern Indian art, architecture and cinema, labour and industrialization, education and economic liberalization.
Restrictions: Honours Form Required.

HIST-4500 (6) Tutorial (3 hrs Tutorial) This is a reading course in Canadian History taken by individual senior students with the Instructor of their choice.
Restrictions: Permission of Chair and Instr.

HIST-4526 (3) Ethnohistoric Methods and Theory (3 hrs Seminar/Discussion) Ethnohistory combines ethnographic and historical methods to study changes in cultures over time. In this course students gain a theoretical understanding of ethnohistory through a series of readings that explore differences between oral and written texts. They also gain a practical understanding of the discipline through the transcription of an oral text, which is contextualized through library and/or archival research. Honours study at the 4000 level requires independent work and advanced engagement with the discipline.
Cross-listed: HIST-3526(3) and ANTH-3117(3)/4117(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3117 | ANTH-4117 | HIST-3526.

HIST-4530 (6) Advanced Studies in Canadian Social History (Project / Thesis | 3 hrs Seminar/Discussion) Seminars in this course will address the interpretations and debates that have arisen in the literature on Canadian social history. Students will also undertake a research project using primary sources to explore a problem of relevance to the course. Topics will include ethnic and native history; social classes, business and labour history; the history of the family, women, and gender relations; and cultural and intellectual history. Please see the Department for a specific course description.
Restrictions: Honours Form Required.

HIST-4535 (6) Immigration and Ethnicity in Canada and the United States (3 hrs Seminar/Discussion) This research seminar examines the history of immigration to North America between 1860 and 1960. The course focuses on the nature of migration patterns and the adaptation of immigrants to the new world, especially the rise of ethnic identities. The course discusses the similarities and differences in the Canadian and American immigrant experience.
Cross-listed: MENN-4535(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and MENN-4535.

HIST-4570 (6) Indigenous and Newcomers in Encounter: Selected Topics (3 hrs Seminar/Discussion) This seminar will explore social and cultural interactions

among Euro-Canadians and Indigenous peoples, paying particular attention to Subarctic fur trade and mission contexts. After sampling recent writings in ethnohistory and Indigenous history, the course will draw on archival, visual, and oral records to offer some first-hand experience in dealing with primary source materials in this field of study.
Cross-listed: ANTH-4105(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4105.

HIST-4573 (3) Material Culture in Northern Plains Indigenous History, Field Course (3 hrs Apprenticeship/Internship/Practicum) In this experiential-learning course, we explore various ways in which Indigenous and European technologies of the fur trade era complemented each other. The first half of the course is taught through seminar discussions and lectures at the University of Winnipeg/WEC, the second half of the course takes place at the ANPO-Bison Ranch, near Rossburn, Manitoba, where students have an opportunity to work with Indigenous Elders from the nearby First Nations communities, learn about and experience traditional technologies, such as tanning hides and/or manufacturing archery equipment, while being accommodated in traditional tipis and/or modern tents. Students should notify the instructor in case of dietary restrictions, plant-, animal-, or food allergies. At the 4000-level, a greater amount of written work and more in-depth primary research are required.
Cross-listed: ANTH-3273(3), ANTH-4273(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3273 | ANTH-4273 | HIST-3573.

HIST-4580 (6) The Interpretation of Canadian History: Historiographical Issues (3 hrs Seminar/Discussion) This seminar will discuss the ways in which the interpretation of Canadian history has changed from the mid-nineteenth century to the present. More specifically, the course will explore the implications which contemporary inquiries into class, race, and gender as forces in history have for national interpretations. Can the rise of the nation state be sustained as the most appropriate paradigm for the study of the Canadian experience in light of recent historiographical debates?
Restrictions: Honours Form Required.

HIST-4600 (6) Tutorial (3 hrs Tutorial) This is a reading course in United States History taken by individual senior students with the Instructor of their choice.
Restrictions: Permission of Chair and Instr.

HIST-4605 (6) Studies in Intellectual and Social History of the United States (3 hrs Seminar/Discussion) An introduction to American thought from colonial times to the present; the interaction of ideas and behaviour and the role of various agencies of dissemination; the stress of ideologies upon American social and political life.
Restrictions: Honours Form Required.

HIST-4610 (6) The Origins of the Civil War in the United States (3 hrs Seminar/Discussion) This seminar will examine the origins of the sectional conflict between North and South, the course of the war, and victory of the north. Themes to be explored may include the growth of Southern nationalism, the pre-war crisis of 1850-1860, Lincoln and the "first-shot," and the many disputes over war strategy. Students will be asked to evaluate the differing interpretations that historians have advanced on these issues and to develop their own interpretations in research papers.
Restrictions: Honours Form Required.

HIST-4700 (6) Tutorial (3 hrs Tutorial) This is a reading course in African History, taken by individual senior students with the Instructor of their choice.
Restrictions: Permission of Chair and Instr.

HIST-4701 (6) Studies in Modern African History (3 hrs Seminar/Discussion) This course studies Africa in the twentieth century with particular emphasis on the theories and practices of colonialism, nationalism, development, and independence movements. Area interests will focus on Kenya, Tanzania, Zambia, Ghana, and Nigeria.
Restrictions: Honours Form Required.

HIST-4702 (6) Southern Africa (3 hrs Seminar/Discussion) This course offers selected topics in the histories of South Africa, Zimbabwe-Rhodesia, Angola, and Mozambique. Research and discussion will analyze in depth the historical confrontation of Black African and White European in the 11th and 20th centuries.
Restrictions: Honours Form Required.

HIST-4800 (6) Tutorial (3 hrs Tutorial) This is a reading course in History of Art, taken by individual senior students with the instructor of their choice.
Restrictions: Permission of Chair and Instr.

HIST-4801 (6) Special Topics in Art History (3 hrs Seminar/Discussion) This is a seminar devoted to specific issues in or related to art history. The nature and range of topics will depend upon the Instructor. Written information about the course for any given year will be available to the student from any Art History Instructor.
Restrictions: Honours Form Required.

HIST-4802 (6) French Art and Culture Around 1900 (3 hrs Seminar/Discussion) This seminar examines the dominant issues in France during the *fin-de-siècle*. Working within the critical categories of modernity and anti-modernity, the discussion topics include scientific and pseudo-scientific theories of degeneration, regeneration and evolution, constructs of the "natural," the unconscious, psychology, and notions of hysteria and mediumship. The student seminars focus on how these ideas were reflected in French visual culture at the turn of the century.
Restrictions: Honours Form Required.

HIST-4803 (3 or 6) Gothic Revival Art & Architecture in Winnipeg (3 hrs Seminar/Discussion) This course

introduces students to a critical history of Gothic Revival architecture in Winnipeg (c. 1830 to 1930). We explore - through the writings of its initiators - the origins of the Gothic Revival movement in Europe and North America, and examine how it reached Winnipeg in the 19th century. Students are introduced to the notion of style, forms and function in architecture, learn to work with archival material (primary and secondary sources) related to historical architecture, to document and comprehend a building and its ornamental components (painting, sculpture, and stained glass), and to write about heritage art and architecture.
Restrictions: Honours Form Required. Students may not hold credit for this course and HIST-4891.

HIST-4804 (3 or 6) Art History Field School (3 hrs Apprenticeship/Internship/Practicum) Art historians and curators study transnational art and architecture, and field courses are an opportunity for students to experience art and architecture in person, to merge theory with practice. The site visits vary depending on the destination, but each trip offers and experiential learning environment which contextualizes historic and contemporary information through a critical lens. Field work could include studying art, architecture, curatorial installations, and participating in internships or practicum. Faculty guide students through a series of preparatory meetings, site visits, tours of museums, exhibitions, meeting artists and cultural workers. Course may be repeated for credit when topics vary.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required.

HIST-4815 (3 or 6) Cultures of the Past: Art History and Memory (3 hrs Seminar/Discussion) This course brings students into first hand contact with selected art objects from the past centuries. Students are introduced to the concepts of periodization and conservation of old art objects, and learn how to document, analyse and write about the art objects which are kept in local institutions. The class examines works in their social, historical and artistic contexts, using primary and secondary sources and technical resources available locally. Students learn the practical aspects of art historical work.
Restrictions: Honours Form Required.

HIST-4830 (6) The Idea of the Museum (3 hrs Seminar/Discussion) Museums and galleries do more than collect and exhibit objects; they participate in the packaging and presentation of the materials and ideas of culture engaging with a diverse public and multiple stakeholders. This course examines the collecting, exhibiting and presentation practices of European and North American museums and galleries over the last two centuries with the goal of understanding their evolving role. Topics include how museums developed in response to the ideas of collecting and connoisseurship; the disciplines of art history and museology; and how these institutions reflect different ideologies.
Restrictions: Honours Form Required.

HIST-4831 (6) Practicum in Curatorial Studies (3 hrs Apprenticeship/Internship/Practicum) This course combines the theory and practice of curatorial work, public history and experiential learning for students interested in achieving a university credit by working with a local museum or art gallery. The Practicum provides opportunities to explore a range of placements with host institutions in order to learn about being a curator. Students are expected to work 6-8 hours a week in the host institution. Program partners will provide training for the interns who have chosen to work with them. Partnership opportunities include, but are not limited to Winnipeg Art Gallery, Plug In Contemporary Art Institute, Buhler Gallery, and other local galleries and museums.
Restrictions: Honours Form Required.

HIST-4833 (3 or 6) Indigenous Theory and Curatorial Practices (3 hrs Seminar/Discussion) This seminar examines critical theories and practices in Indigenous contemporary art and curatorial methods. Topics may include Indigenous theory, curatorial methods and methodologies, concepts in art history, museum studies, colonialism, place, race, gender, ability, and sexuality. The course concentrates on galleries, museums, and contemporary arts institutions within Canada.
Restrictions: Honours Form Required.

HIST-4900 (6) Tutorial (3 hrs Tutorial) This is a reading course in the History of Science, taken by individual senior students with the Instructor of their choice.
Restrictions: Permission of Chair and Instr.

HIST-4902 (6) Selected Topics in the History of Science (3 hrs Seminar/Discussion) This course studies specific topics in the History of Science (mostly post-Renaissance) with emphasis upon primary sources. This course does not fulfil the Science Requirement.
Restrictions: Honours Form Required.

HIST-4910 (6) Themes in the History of Medicine (3 hrs Seminar/Discussion) This seminar course examines various aspects of the history of medicine including: the development of the medical profession; the rise of nursing; the transformation of the hospital; the history of disease; and the growth of medical insurance and socialized medicine.
Restrictions: Honours Form Required.

HUMAN RIGHTS

HR-1200 (3) Introduction to Global Citizenship (3 hrs Lecture) In this course students trace the historical development of the idea of "global citizenship," interrogating the meanings, contradictions and contentions associated with this term. Through guest speakers and student research on specific issues and injustices that are present in Manitoba communities, and which also have global connections or manifestations, students examine current practices aimed at fostering global citizenship. The future of concepts or related to global citizenship is addressed by analyzing the rights and democratic citizenship and asking how such rights should be articulated and advanced.
Cross-listed: IDS-1200(3).
Restrictions: Students may not hold credit for this course and HRGS-1200 | IDS-1200.

HR-2100 (3) Concepts and Conventions in Human Rights (3 hrs Lecture) The course explores the historical development of human rights concepts, and the major international human rights conventions and instruments. Students become familiar with the breadth of the landscape of human rights including political, civil, social, economic and cultural rights.
Restrictions: Students may not hold credit for this course and HRGS-2101 | POL-2101.

HR-2200 (3) History of Human Rights in Canada (3 hrs Lecture) This course examines the history of human rights within the Canadian context including key federal, provincial and municipal legislation as well as critical human rights institutions. The course explores the evolution of the human rights Canada in relation to their international counterparts, and historical discrimination in Canada in areas such as immigration, employment and housing, internment of minority populations, gender, sexuality, anti-Semitism and treatment of Indigenous peoples.
Cross-listed: HIST-2512(3).
Restrictions: Students may not hold credit for this course and HIST-2512.

HR-2310 (3) Refugees, Resettlement and Resilience (3 hrs Lecture) Drawing on interdisciplinary literatures of forced migration and social inclusion, this course examines the challenges and opportunities that people encounter in rebuilding their lives after forced displacement. While considering experiences of forced migration around the world, the course focuses primarily on the experiences of refugees in Canada related to social integration, employment and public services. Students learn to employ key concepts from the literatures in order to analyze case studies and strategies to improve services for and integration of refugees in local communities.
Restrictions: Students may not hold credit for this course and HRGS-2310.

HR-2540 (3) Global Human Rights Advocacy (3 hrs Seminar/Discussion) This course provides knowledge and strategies for addressing current human rights topics. Through the readings from the literature of community engagement and activist assignments participants build awareness, develop confidence and acquire the tools to effectively engage in human rights campaigns. This course links participants to national and international social justice and human rights organizations working on related issues.
Restrictions: Students may not hold credit for this course and HR-2550.

HR-2600 (6) Emerging Issues in Human Rights (3 hrs Lecture) This intensive course is designed to introduce students, in a range of disciplines and students entering university, to challenges and opportunities in global to local human rights, by cultivating foundational skills for academic success. In both classroom and community settings, students explore global issues using the city as our human rights 'campus' through current news items, literature, and social analysis from diverse perspectives, shaped by research expertise in Global College. The course is structured to strengthen skills in critical thinking and analysis, writing, oral/social media presentations within a human rights framework, for increasing student capabilities in a range of post-secondary academic programs.
Restrictions: Instructor Permission Required.

HR-2650 (3 or 6) Special Topics in Human Rights (3 hrs Lecture) The nature and range of topics will vary, depending upon the expertise of the instructor. Students should consult the Human Rights advisor or Global College website for information about specific iterations of the course. The course may be repeated if the topic varies.

HR-3003 (3) Gendercide (3 hrs Lecture) This course examines gendercide in a comparative and global-sociological perspective. It explores two central propositions: that the framing should be an inclusive one, encompassing the experiences of both women/girls and men/boys and that recognition and amelioration of the phenomenon is a matter of the highest urgency. Themes may include theories of gendercide, sexual violence as a genocidal weapon, and the relevance of feminist and masculinity studies literatures for the study of gendercide. Case studies vary from year-to-year.
Cross-listed: SOC-3003(3).
Restrictions: Students may not hold credit for this course and SOC-3003.
Requisite Courses: SOC-1101 [prerequisite(s)].

HR-3210 (3) Human Rights Institutions (3 hrs Lecture) This course analyzes the role of specialized Canadian and international human rights institutions, such as human rights commissions and tribunals. The course provides an understanding of the legislative frameworks for select institutions and procedures for accessing selected human rights institutions, and assesses the societal impact of such commissions and tribunals through their educational functions as well as case decisions.
Requisite Courses: HR-2100 or HR-2200 or HRGS-2101 or POL-2101 [prerequisite(s)].

HR-3272 (3) Refugees and Forced Migration (3 hrs Lecture) Global trends continue to show unprecedented numbers of forcibly displaced people worldwide. Countries have struggled with how to assist refugees and internally

displaced people. Less than one percent of refugees under UNHCR mandate are resettled in other countries. This course explores the root causes of forcibly displaced people; the costs associated with such movements, including economic, physical, and mental health; the responses of world governments; and the work of resettlement agencies in assisting refugees. The issues and lessons learned from the experience of resettling and integrating refugees around the world are studied, including in Canada.
Cross-listed: CRS-3272(3).
Restrictions: Students may not hold credit for this course and CRS-3272.
Requisite Courses: CRS-1200 or HR-1200, or permission of the instructor [prerequisite(s)].

HR-3410 (3) Models of Transitional Justice (3 hrs Lecture) This course examines transitional justice, the processes by which societies deal with the legacy of widespread human rights abuses after a period of oppression or violent conflict in order to achieve the transition to a just and stable society. The course investigates a variety of transitional justice mechanisms, such as reparations, truth commissions, reconciliation activities, and criminal tribunals.
Cross-listed: CRS-3410(3).
Restrictions: Students may not hold credit for this course and CRS-3410.
Requisite Courses: HR-2100 and HR-2200, or the former HRGS-2101, or the former POL-2101 [prerequisite(s)].

HR-3510 (3 or 6) Practicum in Human Rights (3 hrs Apprenticeship/Internship/Practicum) In the Practicum, students integrate theory and classroom knowledge with practice through supervised field work and structured assignments and reflections. The practicum involves volunteer work related to Human Rights in a relevant organization, and participation in specified seminars and/or written analyses.
Note: Enrolment is subject to approval of a practicum proposal submitted by a student with a declared major in Human Rights. Interested students are advised to consult the Human Rights Coordinator well in advance of the term in which they wish to enroll.
Requisite Courses: HR-2100 and HR-2200 or the former HRGS-2101 or the former POL-2101 [prerequisite(s)].

HR-3550 (3) Human Rights, Human Security & the UN (3 hrs Apprenticeship/Internship/Practicum) This course explores the UN and its principal organs and related agencies, with particular attention to the Security Council and the Council's use of thematic and country-focused resolutions related to human rights and human security. Topics include women in war and peacebuilding, and the role of civil society organizations in promoting human rights agenda at the UN, and Canada's role in these debates. The course includes a field trip component at UN headquarters in New York, with guest lectures by Canadian and UN officials and leaders in international civil society organizations.
Requisite Courses: HR-2100 or HR-2600 [prerequisite(s)].

HR-3650 (3 or 6) Special Topics in Human Rights (3 hrs Directed Reading) The nature and range of topics vary, depending upon the expertise of the instructor. Students should consult the Human Rights coordinator or Global College website for information about specific iterations of the course. The course may be repeated if topic varies.

HR-3750 (3 or 6) Directed Readings in Human Rights (3 hrs Directed Reading) In this course, readings and assignments in the area of Human Rights are arranged between an individual student and the instructor. Topics may not duplicate regular course offerings in Human Rights or other departments. This course is an opportunity to explore a specialized topic in the inter/multidisciplinary context of the field. Examples of potential topics: exploring the human rights implications of environmental policies; examining the application of the UN Guiding Principles on Business and Human Rights; studying representations of human rights in the creative arts; or analyzing the Truth and Reconciliation Commission's Calls to Actions through a human rights lens.
Note: Students may not take more than 6 credit hours of Directed Readings in Human Rights.
Restrictions: Instructor Permission Required.
Requisite Courses: HR-2100(3) or HR-2200(3) or permission of the instructor [prerequisite(s)].

HR-3931 (3) Human Rights and Conflict Resolution (3 hrs Lecture) Human rights advocates and conflict resolution practitioners both aim to build peaceable societies based on mutual respect and the rule of law. Rights advocates typically push the justice agenda while conflict resolution practitioners strive for transformation often without utilizing human rights norms and institutions as a basis for stability. This course systematically evaluates the tensions and parallels between the two fields, examining some of the ways in which human rights and conflict resolution scholars and practitioners can interact in their approaches. Basic human rights concepts are introduced and case studies are used in an exploration of the issues.
Cross-listed: CRS-3931(3).
Restrictions: Students may not hold credit for this course and CRS-3931.
Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

HR-4001 (3) Capstone Seminar on Human Rights (3 hrs Seminar/Discussion) This capstone course examines theories and practices of human rights and contemporary global issues, and evaluates on-going cultural, economic, religious, legal, sociological and ideological debates that continue to influence the evolution of human rights. The course is taught within a multidisciplinary theoretical framework. Topics such as war, child labour, genocide, economic ideologies, gender discrimination, and humanitarian work are covered from regional, national and international perspectives.
Note: Students must have declared a major in Human Rights to take this course.
Requisite Courses: HR-2100 and HR-2200, or the former HRGS-2101, or the former POL-2101 [prerequisite(s)].

HR-4210 (3 or 6) Human and Indigenous Rights in Latin America (3 hrs Seminar/Discussion) Indigenous nationalities and other marginalized minority groups in Latin America have developed innovative strategies, alliances and forms of political participation to achieve recognition of their rights and to contribute to new political configurations in the region. This course studies the dynamic situation of Indigenous and human rights and social conflicts in Latin America. Topics included contested definitions of individual and collective rights, responses to human rights abuses, and intersections between human rights frameworks and related peacebuilding processes. A country or sub-region may be selected for an in-depth case study, and may vary in different times that the course is offered. Cross-listed with IS-4028(3).
Restrictions: Students may not hold credit for this course and IS-4028.
Requisite Courses: HR-2100 and HR-2200, or the former HRGS-2101, or the former POL-2101 [prerequisite(s)].

HR-4350 (3) Post-Conflict Truth, Memory, and Reconciliation (3 hrs Seminar/Discussion) The suffering from atrocities during war-time is often seen as producing lingering indvidual and collective trauma, contributing to either personal dysfunction or successive cycles of violence where oppressed groups become the perpetrators in future regimes or conflicts. This course probes the role of memory in transitional societies, with particular emphasis on using memory to strengthen mechanisms for justice and human rights. Reconciliation projects, ranging from community-based initiatives to formal legislated undertakings such as truth and reconciliation commissions are examined in depth.
Cross-listed: CRS-4350(3).
Restrictions: Students may not hold credit for this course and CRS-4350.
Requisite Courses: HR-3410, CRS-3410, or the former HRGS-3410, or permission of the instructor [prerequisite(s)].

HR-4650 (3 or 6) Special Topics in Human Rights (3 hrs Directed Reading) The nature and range of topics will vary, depending on the expertise of the instructor. Students should consult the Human Rights Advisor or Global College web site for information about specific iterations of the course. The course may be repeated if topic varies.
Requisite Courses: At least 12 credit hours in Human Rights [prerequisite(s)].

HR-4671 (3 or 6) Independent Study in Human Rights (3 hrs Directed Reading) An independent study is an individualized course of study or research for advanced students under the supervision of a faculty member. The faculty supervisor and the student develop a program of reading or research. Typically the student is required to prepare a major paper or other research project and to take an oral examination.
Restrictions: Instructor Permission Required.

HR-4750 (3 or 6) Directed Readings in Human Rights (3 hrs Directed Reading) In this course, readings and assignments in the area of Human Rights are arranged between an individual student and the instructor. Topics may not duplicate regular course offerings in Human Rights or other departments. This course is an opportunity to explore a specialized topic in the inter/multidisciplinary context of the field. Examples of potential topics: exploring the human rights implications of environmental policies; examining the application of the UN Guiding Principles on Business and Human Rights; studying representations of human rights in the creative arts; or analyzing the Truth and Reconciliation Commission's Calls to Actions through a human rights lens.
Note: Students may not take more than 6 credit hours of Directed Readings in Human Rights.
Restrictions: Instructor Permission Required.
Requisite Courses: HR-2100(3) or HR-2200(3) or permission of the Instructor [prerequisite(s)].

INDIGENOUS STUDIES

IS-1010 (3) Indigenous Ways of Knowing (3 hrs Lecture) Large numbers of Indigenous peoples settling in Winnipeg, and in core neighbourhoods, suggest that students studying urbanism need to be aware that the city and critical issues in the inner-city can be interpreted differently. This course offers an introduction to Indigenous ways of knowing through active participation in strategies that facilitate the production of Aboriginal knowledge and through comparisons with Euro-American ways of knowing. By taking part in basic ceremony and related practices, students gain an understanding of how First Peoples of Manitoba relate to each other, to the land, to other animals, and to the world.
Cross-listed: UIC-1010(3).
Restrictions: Students may not hold credit for this course and UIC-1010.

IS-1016 (3) Introduction to Indigenous Studies: Art, Culture and History (3 hrs Lecture) This course provides an introduction to Indigenous art, culture and history in North America. Starting with the pre-contact indigenous societies, students explore the richness and diversity of indigenous cultures as they evolved out of different eco-systems from Central America up to Canada's Arctic. Using Indigenous ontologies and epistemologies as a starting point, the course provides an alternative view of colonial history as well as the post-colonial struggle of indigenous peoples for their own identity, place and belonging in contemporary society.
Restrictions: Students may not hold credit for this course and IS-1015.

IS-1017 (3) Introduction to Indigenous Studies: Politics and Governance (3 hrs Lecture) This course provides an introduction to the politics, economics and governance of indigenous peoples in Canada. These systems developed in distinctive ecological contexts that shaped the way these cultures learned to thrive in relationship to all other living things. The course begins with an introduction to the ontologies and epistemological foundations of thought then explores the historical evolution of the economic and political relationship between indigenous peoples (First Nation, non-status and Metis) and the nation state in Canada. Key topics include: the Royal Proclamation, the Treaties, Indigenous people and the Supreme Court of Canada, the Indian Act and Residential schools.
Note: Students with credit in IS-1015 may not receive credit for IS-1017.
Restrictions: Students may not hold credit for this course and IS-1015.

IS-1101 (6) Introductory Cree (3 hrs Lecture | 1 hrs Lab) This course is intended for students who are not fluent in Cree and have never taken a course in the language. The emphasis is primarily on oral work for the purpose of learning basic sounds, vocabulary, and grammatical patterns. Structural differences between Cree and English are highlighted.
Restrictions: Students may not hold credit for this course and ABOR-1101.
Requisite Courses: IS-1101L (lab) (must be taken concurrently).

IS-1201 (6) Introductory Ojibwe (3 hrs Lecture | 1 hrs Lab) This course is intended for students who are not fluent in Ojibwe and have never taken a course in the language. The emphasis is primarily on oral work for the purpose of learning basic sounds, vocabulary, and grammatical patterns. Structural differences between Ojibwe and English are highlighted.
Restrictions: Students may not hold credit for this course and ABOR-1201.
Requisite Courses: IS-1201L (lab) (must be taken concurrently).

IS-2001 (3 or 6) Special Topics in Indigenous Studies I (3 hrs Lecture) The contents of this course focus on particular aspects of Indigenous Studies and may include topics on philosophical, social, economic, political or other issues. Selected topics are examined in a seminar offered by current staff, or local or visiting scholars from Canada and other countries. Topics accord with each scholar's area of expertise. Special class schedules may be arranged to accommodate visiting scholars. This course may be repeated for credit when the topic varies.
Note: A student may not count more than 6 credit hours of Special Topics at the 2000 level toward a degree in Indigenous Studies (formerly Aboriginal Governance).
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 or permission of the instructor [prerequisite(s)].

IS-2010 (3) Indigenous Movements and Resistance in Latin America (3 hrs Lecture) The process of colonization and the struggle for territories and resources is not over for Indigenous communities in Latin America. Students learn about exploration, appropriation, and plundering of Indigenous territories for gold, coal, oil, timber, mineral and natural resources. Indigenous people in Latin America are creatively resisting megaprojects that destroy life and cultures. Students learn about new initiatives and organizational processes as Indigenous Peoples move from the margins to play central roles in some Latin American states. Students analyze Indigenous movements in countries like Colombia, Ecuador, Mexico, and Bolivia among others encountering the impacts of globalization and gain a comparative perspective.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-2020 (3) Colonization and Indigenous Peoples (3 hrs Lecture) This course examines the Indigenous colonial experience, particularly in Western Canada, and the impact colonization has had and continues to have on the relationship between Indigenous peoples and Canadian governments. This course emphasizes the contemporary effects of colonization, particularly as regards identity issues and how they play out in the urban and inner-city

environment, and also processes and strategies for decolonization.
Cross-listed: POL-2020(3) and UIC-2020(3).
Restrictions: Students may not hold credit for this course and POL-2020 | UIC-2020.

IS-2030 (3) Management and Financial Administration for Community Leadership (3 hrs Lecture) As small-scale and not-for-profit structures, community-based and Aboriginal organizations often face unique challenges and political/cultural realities in terms of overall management and operations. This course provides students with a good understanding of the key facets of management and administrative structures within the community and Aboriginal sectors in particular. Key topics include organizational structures and management controls, financial statements and budgeting, performance measurements, strategic planning and operations analysis and evaluation.
Cross-listed: BUS-2030(3) and UIC-2030(3).
Restrictions: Students may not hold credit for this course and BUS-2030 | UIC-2030.
Requisite Courses: UIC-1001 or IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-2040 (3) Indigenous Women and Resilience (3 hrs Lecture) The contributions and resilience of Indigenous (First Nations, Métis, Inuit) women have become increasingly well known in the North American and international political, economic, and cultural arenas. Contrary to historical representations and stereotypes, Indigenous and Métis women have been leading advocates, actors, and activists in Indigenous struggles for centuries, making significant contributions to their families, communities, and nations. Of importance are the policies that reflect changing perceptions and approaches to the "Indian problem," with particular focus on gender. Students develop critical thinking skills as we consider stereotypes and the impact they have on law and Indigenous rights in Canada and internationally.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-2050 (3) Indigenous Peoples, Lands, and Resources (3 hrs Lecture) The Canadian government is currently looking at privatizing indigenous peoples' land on-reserve. Some believe this will boost economic development and create jobs and opportunities. Others argue this will amount to nothing more than another assimilation project, with the potential to undermine indigenous cultures and communities. This course examines the unique relationship that indigenous people have to land and natural resources. It includes a study of national and international legal frameworks for indigenous resource and property rights and some of their implications in practice. Using this framework, the course includes a number of case studies involving national and international conflicts associated with resource development projects (hydro, mining, oil, etc.) in indigenous territories and explores the contradictions and possibilities for indigenous communities whether they choose to pursue these projects or not.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-2060 (3) Indigenous Treaties in Canada (3 hrs Lecture) This course examines the historical relationship between indigenous peoples and the Canadian State as shaped by the negotiations and the signing of the Treaties. Starting from the political/legal position of indigenous peoples as set up by the Royal Proclamation, students study the history, context and application of treaties and treaty-making in Canada. The course begins with the initial Peace and Friendship Treaties (1725 - 1960) then examines the Upper Canada Treaties (1764 - 1862), the Numbered and NWT Treaties (1871 - 1921), and finally modern day Treaty Making. Key concepts covered include: the spirit and intent; the honour of the Crown; Treaty rights; Aboriginal rights; and self-determination.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015, or permission of the instructor [prerequisite(s)].

IS-2101 (6) Intermediate Cree (3 hrs Lecture | Lab) This course is an intermediate course in the Cree language. It serves as a continuation of Introductory Cree (IS-1101) or as the entry-level course for fluent speakers of Cree. The course focuses primarily on oral conversational skills, vocabulary, and grammatical patterns. Attention is paid to Cree orthography, composition and translation. The lab component provides one-on-one and small group interactions intended to enhance language acquisition and provide additional opportunities for language practice and usage.
Requisite Courses: IS-1101 or permission of the instructor [prerequisite(s)]; IS-2101L (lab) (must be taken concurrently).

IS-2201 (6) Intermediate Ojibwe (3 hrs Lecture | 1 hrs Lab) This course is an intermediate course in the Ojibwe language. It serves as a continuation of Introductory Ojibwe (IS-1201) or as the entry-level course for fluent speakers of Ojibwe. The course focuses primarily on oral conversational skills, vocabulary and grammatical patterns. Attention is paid to Ojibwe orthography, composition and translation. The lab component provides one-on-one and small group interactions intended to enhance language acquisition and provide additional opportunities for language practice and usage.
Requisite Courses: IS-1201 or permission of the instructor [prerequisite(s)]; IS-1201L (lab) (must be taken concurrently).

IS-2240 (3) Indigenous Justice Issues (3 hrs Lecture) This course in applied political theory examines various moral and political issues that are the basis for present conflicts between Indigenous Peoples and the Canadian state. Indigenous and Western philosophies provide contexts for critically examining past and present relationships and for considering how to move into more just relationships. Topics may include: treaty rights, colonization, the Indian Act, residential schools, Aboriginal rights, racism, restorative justice, and the United Nations

Declaration on the Rights of Indigenous Peoples.
Cross-listed: PHIL-2240(3).
Restrictions: Students may not hold credit for this course and PHIL-2240.

IS-2301 (3) Community Development (3 hrs Lecture) This course is an introduction to the idea of community development and community economic development. The course considers the principles and philosophy of community development/community economic development, and examines the key elements of CD/CED including neighbourhood revitalization; housing development and rehabilitation; employment development and training; and social enterprise.
Cross-listed: UIC-2001(3).
Restrictions: Students may not hold credit for this course and UIC-2001.

IS-2401 (3) Indigenous Food Systems Field Study (Apprenticeship/Internship/Practicum | 3 hrs Lecture) This course offers land-based learning opportunities to explore the importance of, challenges to, and opportunities for Indigenous food systems in Manitoba and Canada, along with classroom discussion on nutritional and health information. Interdisciplinary themes include traditional food as medicine; Indigenous food systems of production, consumption, distribution; Indigenous knowledges and perspectives on challenges and significance of traditional food systems. The typical course design includes 1 to 1.5 weeks in classrooms and 36 hours of experiential learning from Indigenous elders and Indigenous food researchers in Manitoba First Nations communities.
Restrictions: Instructor Permission Required.

IS-3001 (3 or 6) Special Topics in Indigenous Studies (3 hrs Lecture) The contents of this course focus on particular aspects of Indigenous Studies and may include topics on philosophical, social, economic, political or other issues. Topics accord with each scholar's area of expertise, and will consist of material and assignments appropriate to a 3000-level course. This course may be repeated for credit when the topic varies.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-3010 (3) Protecting Indigenous Knowledge Systems (3 hrs Lecture/Seminar) This course addresses emerging issues for Indigenous peoples regarding the use and exploitation of their knowledge and natural resources. It examines case studies where rights over knowledge and the stewardship of biodiversity have been threatened and examples where Indigenous peoples have been able to manage and protect their environment and associated knowledge. The course focuses on the contributions of native science, Indigenous ecological knowledge and wisdom of the Elders in North America and connections to similar Indigenous knowledge systems in other parts of the world.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015, or permission of the instructor [prerequisite(s)].

IS-3012 (3) Ethnoecology: A Research Approach (3 hrs Lecture) This course underscores the traditional ecological knowledge systems of Indigenous and local communities by examining the interactions among these communities, their knowledge, and the local environments that have sustained over time. Key themes include traditional food and medicinal plants, traditional natural resources management systems, and learning within indigenous knowledge and indigenous cultural landscapes. Such learning is explored through global case studies. Research approaches, tools, methods and ethical issues surrounding ethnoecological research within local and Indigenous communities are also explored. This course helps in developing academic and research skills in conducting interdisciplinary research that examines the relationships between nature and culture.
Cross-listed: ANTH-3170(3).
Restrictions: Students may not hold credit for this course and ANTH-3170.
Requisite Courses: IS-1016 and IS-1017 (or the former IS-1015), or AG-1015 or UIC-1001 or IDS-1100 or ANTH-1001 or ANTH-1002 or permission of the instructor [prerequisite(s)].

IS-3100 (3) International Rights of Indigenous Peoples (3 hrs Lecture) This course examines current developments at the international level with respect to the rights of Indigenous peoples, particularly the right to self-determination. The course examines decolonization as used in reference to Indigenous peoples. It includes a review of the Draft Declaration of Indigenous peoples and the Organization or American States Draft Declaration. The course reviews the United Nations bodies that deal with Indigenous issues. International Indigenous peoples' rights to land and treaty interpretation are considered and compared to Canada's current policy in maintaining a colonial relationship. Developments and issues of concern to the Indigenous Peoples Permanent Forum are covered.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-3101 (3) Contemporary American Indian Policy in Cultural Context (3 hrs Lecture) This course explores the cultures of contemporary American Indians in the context of U.S. policy. It examines the topic through primary sources and secondary sources, including ethnographies. It provides students with an important comparative overview of the contemporary diversity of American Indian cultures (with necessary historical grounding), and to particular issues of importance for many American Indian societies at this time, including education, land claims, sovereignty, and socio-economic disparities. Policies covered include the Indian Reorganization Act, the Native American Graves Protection and Repatriation Act, the Indian Gaming Regulatory Act, and the Indian Child Welfare Act.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-3102 (3) Regulating the "natives:" Indigenous Policy in Canada and the USA (3 hrs Lecture) This

course provides an exploration of the histories, societies, and cultures of Indigenous/Aboriginal Canadians and American Indians in the context of government policy. Europeans coming to the New World carried with them cultural perspectives on Indigenous peoples as well as culturally relevant, to them, political, legal and religious viewpoints that led to the creation of policies. Student study a range of policies meant to regulate Indigenous peoples. Students examine the topic through primary and secondary sources, and are exposed to a comparative overview of the similarities and differences of policies in the neighboring countries.
Cross-listed: ANTH-3119(3), HIST-3524(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and ANTH-3119 | HIST-3524.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 or permission of the instructor [prerequisite(s)].

IS-3104 (3) Indigenous Languages of South America (3 hrs Lecture) Presenting an integrated overview of the indigenous languages of South America, this course looks at main language families spoken there, their spatial distribution, history and classification, as well as their cultural background. With 53 language families and 55 isolates, South America is not only the most diverse region in linguistic terms, but also a storehouse of unusual structural features important for understanding the full range of possible variants of human language. The course also explores typological characteristics of South American languages, potential linguistic areas, proposals of more distant relationships, and the current situation of endangered languages in this region. Additional in-depth work is required to receive credit at the 4000-level.
Cross-listed: ANTH-3411(3), ANTH-4411(3), LING-3104(3), and LING-4104(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3411 | ANTH-4411 | LING-3104 | LING-4104.

IS-3125 (3) The Intergenerational Legacy of Residential Schools (3 hrs Lecture) The residential school system was a mandatory school system for all Aboriginal children. The objective of these schools was to extinguish Aboriginal culture and language from the Canadian landscape. The first school opened in the late 1800's and the last school closed in the 1980's. The result from this long history is a legacy that impacts all Canadians and Aboriginal peoples. This course examines the impact of the residential school system in a variety of areas such as the loss of language and culture, loss of parenting skills, (especially mothering), as well as settler and Aboriginal relations.
Cross-listed: UIC-3125(3).
Restrictions: Students may not hold credit for this course and UIC-3125.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-3147 (3) Development, Indigenous Property (30 hrs Lecture) Since the beginning of European penetration of the Americas, socioeconomic development based on Western models has produced the suppression and dispossession of indigenous peoples. In recent years, however, indigenous people have opposed the continuation of this historical injustice and launched projects to reclaim their birth rights. Focusing primarily on Peru, students in this course examine the historical record and contemporary opposition to such development.
Cross-listed: HRGS-3147(3), IDS-3147(3)
Restrictions: Students may not hold credit for this course and HRGS-3147 | IDS-3147.

IS-3201 (3) Indigenous Ethnobotany Field School (3 hrs Lecture | Lab) This field course on Indigenous Botany offers land-based learning opportunities to explore the multiple uses (including medicinal, ceremonial, aesthetic, and spiritual) of local plants by Indigenous communities along with the classroom instruction of botanical information. The major interdisciplinary sub-themes covered through this course include traditional medicinal plant knowledge, applied Ethnobotany, Indigenous conservation and bio cultural landscape. The course design includes 1 to 1.5 weeks in classrooms and 36 hours of experiential learning from herbalists and Indigenous elders in the Manitoba First Nations.

IS-3523 (3) Indigenous Women's History (3 hrs Lecture) This course examines Métis, Inuit and First Nations women's history in Canada. The course covers a variety of themes, including Indigenous women's health, labour and education history; histories of sexual, legal, and social regulation of Indigenous women; and formal, informal, local and national women's organizations. Students also engage in historical interpretation of a variety of different kinds of historical evidence and consider the creative work of Indigenous women in diverse cultural fields including art, film, music and literature.
Cross-listed: HIST-3523(3), WGS-3523(3).
Restrictions: Students may not hold credit for this course and HIST-3523 | WGS-3523.

IS-3590 (3) Indigenous Health History (3 hrs Lecture) This course introduces students to Indigenous health history focusing primarily on First Nations, Inuit and Métis experiences. Historical case studies will be drawn from the seventeenth to the twentieth centuries with a special emphasis on the impact of colonization on Indigenous medicine and Indigenous health in Canada.
Cross-listed: HIST-3590(3).
Restrictions: Students may not hold credit for this course and HIST-3590.

IS-3717 (3 or 6) Indigenous Literatures & Cultures (3 hrs Lecture) This course examines the Indigenous literatures and cultures of North America. Students study early forms of Indigenous expression as well as writings produced after the Indigenous "renaissance" of the late 1960s. Focusing on works by established and emerging writers, the course emphasizes Indigenous values, knowledges, and theories while paying attention to the key concepts, critical debates and recent directions in the field of Indigenous literary studies today. Each version of the

course may have a different emphasis. Students should consult the English Department website for a detailed course description any given year.
Cross-listed: English ENGL-3717.
Restrictions: Students may not hold credit for this course and ENGL-3717.

IS-3723 (3 or 6) Topics in Indigenous Texts and Cultures (3 hrs Lecture) IS-3723(3) or (6) Topics in Indigenous Texts and Cultures (Le3) - This course examines a range of texts by Indigenous artists and other cultural producers. In an era when stereotypes, racism, injustices, and inequities continue to undermine the well being of many, Indigenous artists, along with Indigenous and non-Indigenous scholars across a range of disciplines, activists, community members, and others are contributing to Indigenous peoples health, healing, and self-determination. The course emphasizes Indigenous values, knowledges, and theories. In a given year, we might focus on a specific artist, nation, country, genre, or period. Students should consult the English Department website for a description of the course offered in a given year.
Cross-listed: ENGL-3723.
Restrictions: Students may not hold credit for this course and ENGL-3723.
Requisite Courses: You must successfully complete 6 credit hours of first-year ENGLISH, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

IS-3901 (3 or 6) Directed Readings (3 hrs Directed Reading) In this course, readings and assignments in the area of Indigenous Studies are arranged between an individual student and the instructor. Topics may not duplicate regular course offerings in Indigenous Studies or other departments. This course is an opportunity to explore a specialized topic in the interdisciplinary context of the field. Examples of potential topics include comparing Canadian and New Zealand/Aotearoa treaty rights efforts; analyzing artistic forms of Indigenous political resistance; exploring health implications of indigeneity in settler societies; and ethnohistorical research on early Winnipeg Aboriginal community organizations.
Restrictions: Instructor Permission Required.
Requisite Courses: IS-1016 and IS-1017 (or the former IS-1015) and permission of the instructor [prerequisite(s)].

IS-4000 (3 or 6) Indigenous Studies Practicum (3 hrs Seminar/Discussion) This course offers experience in Indigenous Studies under the guidance and supervision of faculty and on-site personnel. The course is arranged between the student, the instructor, and a site willing to provide relevant experience in a setting related to a topic in Indigenous Studies. The hours spent on-site will be determined according to the number of credits. Examples of possible practicum sites: Indigenous community organizations; Indigenous governmental or other institutions; museums or art galleries working on Indigenous exhibits or productions; non-Indigenous governmental or NGO entity dealing with Indigenous peoples or issues; or an Indigenous business or media outlet.
Restrictions: Instructor Permission Required.
Requisite Courses: IS-1016 and IS-1017 (or the former IS-1015) and permission of the instructor [prerequisite(s)].

IS-4020 (3) Indigenous Self-Determination (3 hrs Lecture) This course brings to the academy a pivotal concept for the present and future of Indigenous peoples. How Indigenous peoples face and deal with colonization, imperialism, and globalization will depend on the critical understanding and realizations of self-determination. The legal, political, social, and cultural connotations around self-determination are considered. The course is focused not only on theoretical considerations but is also designed to bring issues of self-determination into the collective and individual lives of those who identify themselves with the concerns of Indigenous peoples.
Restrictions: Honours Form Required.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4021 (6) Pathways to Indigenous Wisdom (3 hrs Lecture) In this course, students' assumptions and world views are challenged and enriched by a deep and complex understanding of Indigenous ways of knowing. By decolonizing and indigenizing the mind, students are open to imagining and, later, implementing strategies that are embedded in indigenous teachings. The course emphasizes the importance of critical thinking through the examination and immersion into indigenous epistemologies and brings to the program the instructor's expertise in First Nations governance, development efforts and systems.
Restrictions: Honours Form Required.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4022 (6) Indigenous Research Methodologies and Ethics (3 hrs Lecture) This course provides a review of the movement towards the decolonization of the Western model of research and the revitalization of Indigenous research frameworks and methodologies. The unique issues and principles involving ethical research in Indigenous communities are explored. The course also includes an overview of the governance by Indigenous communities of their own research and ethical review process.
Restrictions: Honours Form Required.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4023 (3) Indigenous Peoples, Globalization and Development (3 hrs Lecture) Indigenous peoples today are enmeshed in the expanding modern economy, subject to the pressures of both market and government. More and more Indigenous communities are rejecting the traditional capitalist vision of development as human and environmental exploitation and focusing on new types of local development projects. This course analyzes some of the conflicts associated with traditional development projects in Indigenous communities. Taking Indigenous peoples as actors, not victims, as its starting point, the class then examines innovations in Indigenous economic development that are culturally respectful, environmentally responsible and which build a new sense of community.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who

successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4024 (3) Biocultural Diversity Conservation Balancing Scientific and Indigenous Knowledge Practices (3 hrs Seminar/Discussion) This course focuses on the interrelationship between indigenous peoples and their environment. Indigenous and local communities contribute with understanding, practices and innovations regarding the use and conservation of biodiversity and natural resources in diverse ecosystems. The value of indigenous knowledge is recognized in international agreements and efforts are made to integrate traditional ecological knowledge into conservation and management programs. The tensions arising from the confluence of indigenous and scientific knowledge, the opposition of different epistemological approaches, the increasing loss of bio diversity and indigenous cultures, the interconnectedness between biological and cultural diversity are the central themes of this course.
Cross-listed: IDS-4824(3) and ANTH-4024(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4024 | IDS-4824.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4025 (3) Indigenous Languages: Culture, Rights, and Conflicts (3 hrs Seminar/Discussion) Indigenous languages are an integral part of Indigenous peoples' identity, worldview and culture. It is however, currently estimated that up to ninety per cent of the world's Indigenous languages are likely to disappear by the end of the century. This course is designed to give students and overview of Indigenous language issues related to culture, advocacy, revitalization, and resistance. Students are encouraged to critically compare and contrast the treatment of Indigenous languages through legislation, policy, grassroots activism, and educational and systemic efforts in countries such as Canada, the United States, New Zealand, Norway, and Sweden.
Cross-listed: LING-4025(3)
Restrictions: Honours Form Required. Students may not hold credit for this course and LING-4025.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4026 (3) Indigenous Food Security (3 hrs Lecture) Community food security provides a rich diversity of self-organized food systems to improve, maintain and enhance health, well-being, resilience and ecological sustainability, originated and nurtured by Indigenous and other marginalized communities. By examining Canadian and international case studies as well as empirical research on Indigenous voices, knowledges and perspectives on their own food systems, this course critically engages students with the concepts, approaches, practices and challenges of Indigenous food production, consumption and distribution and their role in achieving community food security.
Restrictions: Honours Form Required.

IS-4028 (3 or 6) Human and Indigenous Rights in Latin America (3 hrs Seminar/Discussion) Indigenous nationalities and other marginalized minority groups in Latin America have developed innovative strategies, alliances and forms of political participation to achieve recognition of their rights and to contribute to new political configurations in the region. This course studies the dynamic situation of Indigenous and human rights and social conflicts in Latin America. Topics included contested definitions of individual and collective rights, responses to human rights abuses, and intersections between human rights frameworks and related peacebuilding processes. A country or sub-region may be selected for an in-depth case study, and may vary in different times that the course is offered. Cross-listed with HR-4210(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and HR-4210.
Requisite Courses: HR-2100 and HR-2200, or the former HRGS-2101, or the former POL-2101 or permission of the department [prerequisite(s)].

IS-4200 (3 or 6) Seminar in Selected Topics (3 hrs Lecture) This course focuses on particular aspects of Indigenous Studies, and particularly on Indigenous governance/policy. The selected topic is discussed in seminar format. It may be approached from a variety of perspectives, including philosophical, social/cultural, economic, political, or artistic, and may be offered by current faculty, local or visiting scholars from Canada or other nations. The course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: IS-1016 and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4445 (3) Urban Indigenous Seminar (3 hrs Seminar/Discussion) This seminar examines selected topics dealing with urban Indigenous issues. Topics may include the viability of urban Indigenous governance, urban reserves, and Indigenous education and economic development issues in the inner city. The issue of differing conceptions of Indigenous representation and identity held by various Indigenous organizations is a particularly challenging and contentious issue in the urban context. The portability and applicability of Indigenous and treaty rights in the urban environment may also be explored. We may also analyze the unique problems created by the range of jurisdictional responsibilities towards Indigenous people in the urban environment.
Cross-listed: ANTH-4145(3) and UIC-4445(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4145 | UIC-4445.
Requisite Courses: You must successfully complete a minimum of 6 credit hours in Urban and Inner City Studies (UIC) courses, or obtain permission of the instructor [prerequisite(s)].

IS-4703 (3 or 6) Indigenous Education in an Era of Globalization (3 hrs Seminar/Discussion) This course examines Indigenous learning systems and their adaptations within a global world. As societies become more integrated through globalization, traditional Indigenous

learning systems are being challenged as to their viability. In response, Indigenous peoples are adapting their learning systems to meet the challenges that are occurring to the social fabric of their cultures. More generally, this course brings Indigenous perspectives on education to the analysis of globalization.
Restrictions: Honours Form Required.
Requisite Courses: IS-1016 and IS-1017 (or the former IS-1015) or permission of the instructor [prerequisite(s)].

IS-4717 (3 or 6) Topics in Indigenous Literary and Culture (3 hrs Lecture) This course focuses on a topic in the area of Indigenous literary and cultural studies. For example, it may focus on historical or contemporary representations of Indigenous people in a range of artistic and non-artistic texts. Or, the course may study Indigenous artistic and intellectual responses to themes such as the environment, neo-colonialism, violence against women, health, sovereignty, and reconciliation by considering a specific artist, nation, genre, or period. Please consult the English Department website for a detailed course description in any given year. This course may be repeated for credit when the topic varies.
Cross-listed: ENGL-4717(3)/(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4717.
Requisite Courses: You must successfully complete 6 credit hours of first-year ENGLISH, including ENGL-1001(6) or ENGL-1000(3). Co-requisite: ENGL-2142(6) [prerequisite(s)]; ENGL-2142 or permission of instructor (must be taken previously or at the same time as this course).

INTERNATIONAL DEVELOPMENT STUDIES

IDS-1100 (6) Introduction to International Development Studies (3 hrs Lecture) Persistent poverty and discrimination, rising inequality and environmental stress, vulnerability to violence and disaster-these problems challenge people around the world. Imagine yourself as an agent of change, seeking ways to live justly and peacefully with others and the earth. Where would one look for ideas? This course introduces students to the concepts and critical tools needed to understand a range of approaches to change, both conventional and transformative. Students learn to pose and answer questions about current development challenges, and to analyze examples of successful and unsuccessful development at the global, national, and community levels.
Restrictions: Students may not hold credit for this course and MSC-2201.

IDS-1200 (3) Global Citizenship (3 hrs Lecture) In this course students trace the historical development of the ideal of "global citizenship," interrogatingthe meanings, contradictions and contentions associated with this term. Through guest peakers and student research on specific issues and injustices that are present in Manitoba communities, and which also have global connections and manifestations, students examine current practices aimed at fostering global citizenship. The future of concepts of or related to global citizenship is address by analyzing the rights of democratic citizenship and asking how such rights should be articulated and advanced.
Cross-listed: HR-1200(3).
Restrictions: Students may not hold credit for this course and HR-1200 | HRGS-1200.

IDS-2110 (3) Participatory Local Development (3 hrs Lecture) Poverty, inequality, gender discrimination, top-down decision making, inadequate technology, and conflict all prevent communities from meeting their development goals. This course prepares students to facilitate local development through participatory approaches that build community and capacity at a local level. Approaches examined include participatory assessments, microfinance, community-supported agriculture, and indigenous natural resource management.
Restrictions: Students may not hold credit for this course and IDS-3110 | MSC-2110.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-2130 (6) A History of the Developing World (3 hrs Lecture) This course examines the historical roots of development and underdevelopment, processes that have led to the emergence of the developing world or Third World as a distinctive, though diverse region. It surveys trends such as colonization, industrialization, militarization and trade in the South from the 15th to the 20th century. It investigates the ways in which both external pressures and internal dynamics have contributed to continuity and change in these regions. This course will help students to understand the historical context for contemporary changes in developing countries, as well as the context in which particular development theories and practices emerged.
Cross-listed: HIST-2130(6).
Restrictions: Students may not hold credit for this course and HIST-2130.
Requisite Courses: IDS-1100(6) or 6 credit hours in HIST 1000-level courses, or permission of the Instructor [prerequisite(s)].

IDS-2131 (3) Rural Development (3 hrs Lecture) This course examines changes to rural society and economy in the South (Africa, Asia, and Latin America) brought about historically by colonialism, and more recently through modern development efforts. The course begins by considering how colonialism and expansion of capitalism reoriented agriculture and rural society towards a more global focus. Modern development efforts are then evaluated in light of their impact on rural economy and society. Discussion then highlights the impact of agrarian reform, technological change, and domestic government policies on economic development and social differentiation. Both gender and environmental issues will be interwoven throughout the course, and efforts will be made to draw connections with rural change in Canada.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-2160 (3) Indigenous People and the Industrial State (3 hrs Lecture) The course considers the situation of Indigenous peoples in the regions of Africa, the Americas, Asia and the Pacific. While these people have distinct cultural histories, their relations to nation-states are similar in important ways. Tensions between indigenous people and the industrial state centre on such issues as external market dependency, diversification, and size of the government sector. Students critique standard definitions of progress and efficiency. The implications of contemporary industrial development projects for the future of human societies are studied within the framework of the primal insights, values and definitions shared by Indigenous peoples throughout the globe.
Cross-listed: ANTH-2160(3).
Restrictions: Students may not hold credit for this course and ANTH-2160.
Requisite Courses: IDS-1100, ANTH-1001 or ANTH-1002 or permission of the instructor [prerequisite(s)].

IDS-2171 (3) Crisis, Humanitarian Aid and Development (3 hrs Lecture) Today disasters threaten global human security as never before. These crises are caused by a complex mix of natural hazards, such as floods, earthquakes or droughts, and human action. Humanitarian aid is an important response to disasters and an increasing part of international development aid. This course identifies the main organizations providing humanitarian aid, and examines their efforts to improve aid quality and their own accountability. It also explores the ways in which humanitarian aid can help to reduce vulnerability to hazards and enhance, rather than undermine, capacities for development.
Requisite Courses: Successful completion of 6 credit hours [prerequisite(s)]; IDS-1100 (recommended to be

taken previously or at the same time as this course).

IDS-2182 (3) Current Issues in International Development (3 hrs Lecture) This course focuses on current issues in International Development Studies, examining an issue of public debate or of emerging significance. The course may be repeated for credit when the topic varies. Contact the International Development Studies program for information about the topic in semesters when this course is offered.
Requisite Courses: You must successfully complete 6 credit hours, or in the absence of the prerequisite, permission of the instructor is required; IDS-1100(6) is recommended [prerequisite(s)].

IDS-2183 (3) African Development Issues (3 hrs Lecture) This case study course will survey a subset of the theories, processes, policies and practice of development and underdevelopment in the diverse and complex context of Africa. In the face of intensifying global capital processes and declining humanitarian efforts, many African communities and countries face serious challenges. While exploring development problems and possible solutions, this course will also highlight the tremendously rich and diverse cultural, social and economic experience of African peoples and communities.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-2186 (3) Selected Topics: Regional Development Issues (2 hrs Lecture | 1 hrs Seminar/Discussion) This course focuses on the development and conflict challenges faced by a designated region of the world. It examines solutions put forward by communities, organizations, and governments from that region, as well as those of external development actors. In surveying those problems and solutions, the course highlights the distinctive character and experiences of the region, as well as its internal diversity. The course also identifies development concepts, practices and theories that have emerged in the designated region. Students may repeat this course for credit, provided the region of focus varies.
Requisite Courses: 6 credit hours successfully completed or permission of instructor [prerequisite(s)]; IDS-1100 (recommended to be taken previously or at the same time as this course).

IDS-2443 (3) Conflict and Development Issues in Indigenous Communities (3 hrs Lecture) Within the broad frameworks of international development and conflict resolution studies, this course explores the dynamics of indigenous people globally, with special reference to the Canadian context. The course describes key elements of indigenous cultures and world views. It examines inter- and intra-group conflict and conflict resolution processes involving indigenous communities. Processes of marginalization and underdevelopment are presented in order to understand the indigenous communities' social, economic, and political situations. Strategies for community development and conflict resolution will be highlighted as means to achieve transformation.
Cross-listed: CRS-2443(3).
Restrictions: Students may not hold credit for this course and CRS-2443.
Requisite Courses: IDS-1100 or CRS-1200 or permission of the instructor [prerequisite(s)].

IDS-2521 (3) Voluntary Simplicity (3 hrs Lecture) Development is increasingly understood as a participatory, deliberate process aimed at enhancing the quality of life for individuals within community. This course examines the concept, theory, and practice of voluntary simplicity as a means of development for individuals seeking alternatives to consumer values and culture. The course explores both the historical roots of voluntary simplicity and its modern expressions, with special emphasis on the relevance of simplicity to building emotional well-being, vibrant community, sustainable environment, and social justice.
Cross-listed: ENV-2521(3).
Restrictions: Students may not hold credit for this course and ENV-2521.
Requisite Courses: IDS-1100 or ENV-1600 or permission of the instructor [prerequisite(s)].

IDS-2603 (3) Environmental Sustainability: A Global Dilemma (3 hrs Lecture) This course focuses on environmental factors relevant to understanding and implementing sustainable development. Its aim is to teach students to understand and appreciate fundamental ecological principles within the context of social values and technological constraints. Moreover, the course seeks to equip students to assess environmental problems from an interdisciplinary perspective, and to develop strategies that might solve these problems. Topics or issues that may be addressed include ecosystem dynamics; feedback in environmental processes; the concepts of carrying capacities and population thresholds; optimum yield theory; loss of biodiversity; over-consumption and overpopulation; deforestation, desertification, and pollution; energy demand versus supply; urbanization trends; global warming; ozone layer depletion; resource management, conservation and recovery; and environmental monitoring and impact assessment.
Cross-listed: ENV-2603(3).
Restrictions: Students may not hold credit for this course and ENV-2603.
Requisite Courses: IDS-1100 or ENV-1600 or permission of the instructor [prerequisite(s)].

IDS-2804 (3) Global Perspectives on Aboriginal Societies, Spiritualities, and the Environment (3 hrs Lecture) This course explores the spiritual traditions of aboriginal cultures throughout the world. For example, we examine the role of elders and shamans in various aboriginal societies, their understandings of the environment in which they live, and their various expressions of spirituality. The course discusses the recognition of aboriginal rights at the United Nations and its implications for preserving land, cultures and spiritualities. Finally, students reflect on the effect of development on Indigenous lands and how that is affecting aboriginal societies and their traditional belief systems.
Cross-listed: REL-2804(3).
Restrictions: Students may not hold credit for this course and REL-2804.

IDS-3101 (3) Development Ethics (3 hrs Lecture) This course examines the ethical questions posed by development thinking and practice. It introduces frameworks for ethical decision-making in development. Using specific examples, the course explores questions like: How are decisions about goals of development made? How are the costs of development distributed? What are acceptable methods in development activity, and who rightfully leads or engages in this activity? How far do answers to such questions differ between cultures and ideologies, and is agreement on these answers either possible or desirable?
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-3111 (3) Development Aid Policy and Practice (3 hrs Lecture) This course identifies actors in the international development aid system, and their evolving models and methods of aid delivery. Students compare the activities of donor governments, both new and established, and those of inter-governmental organizations. Specific examples are used to scrutinize the impacts of aid-funded projects and programs, and to examine the problems of aid effectiveness and accountability. Students also explore debates about aid's contribution to equitable and sustainable development.
Restrictions: Students may not hold credit for this course and MSC-3201.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-3141 (3) The Participatory Community Economy (3 hrs Lecture) This course examines theories of the community economy and analyzes strategies of community economic participation. The study of the community economy is rooted in both liberal (e.g. institutional economics) and critical literature (e.g. neo-Marxist, social movement theory). Particular theories come from community economic development; institutional economics; cooperation and cooperative theories; social economy; and natural resource management. Particular strategies include micro-financial services, asset building, micro-enterprise development, social enterprise, cooperative development, and community-based natural resource management. This course builds on theories of community development, participation, and social capital.
Requisite Courses: IDS-2110 (or the former IDS-3110) and ECON-1104 or permission of the instructor [prerequisite(s)].

IDS-3150 (3) Mennonite Community and Development (3 hrs Seminar/Discussion) This course analyzes the experiences of the Mennonite community in service and peace work. It highlights the values, approach, and methods particular to Mennonite humanitarian work. The Mennonite tradition of holistic development emphasizes individual transformation (providing the tools for indigenous development) and social transformation (involving all peoples in creating local, national, and global systems that are just). The work of Mennonite organizations such as the Mennonite Central Committee and the Mennonite Economic Development Agency, of ecumenical organizations such as the Canadian Foodgrains Bank and InterChurch Action, and of inter-organizational groups such as SEED Winnipeg will provide examples for student reflection and analysis.
Cross-listed: MENN-3150(3).
Restrictions: Students may not hold credit for this course and MENN-3150.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-3160 (3) Cultural Perspectives on Global Processes (3 hrs Lecture) The focus of this course is threefold. First it seeks to apply cultural perspectives on 'global scale theory.' Second, we discern the linkages among some of the main processes at work in 'global systems.' Main processes include communications, transportation, migration, capital, manufacture of export goods, non-state political organizations, and environmental and human health research. The emphasis is on how two or more of these interact. Third, we discuss the effects of these processes in local and regional contexts. The specific processes and their salient interrelationships are chosen in response to interests of those taking the course, and are developed by group reading and discussion, and individually in term paper projects.
Cross-listed: ANTH-3160(3).
Restrictions: Students may not hold credit for this course and ANTH-3160.
Requisite Courses: IDS-1100 or ANTH-1001 or ANTH-1002 or permission of the instructor [prerequisite(s)].

IDS-3182 (3) Selected Topics in International Development Studies (3 hrs Lecture) This course presents an in-depth view of a particular problem in development, using theoretical and/or applied concepts. The nature and range of topics covered will depend upon the instructor. Please see the IDS Program for a specific course description. This course may be repeated for credit when the topic varies.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-3193 (3) Directed Readings in International Development Studies (3 hrs Directed Reading) In this course, readings and assignments in the area of International Development Studies will be arranged between an individual student and the instructor.
Restrictions: Instructor Permission Required.
Requisite Courses: IDS-1100 and permission of the instructor [prerequisite(s)].

IDS-3194 (3) Practicum in International Development Studies (3 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75

[prerequisite(s)].

IDS-3195 (3) Practicum in International Development Studies (3 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

IDS-3196 (1.5) Practicum in International Development Studies (1.5 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

IDS-3197 (1.5) Practicum in International Development Studies (1.5 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

IDS-3198 (6) Practicum in International Development Studies (3 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

IDS-3199 (3) Practicum in International Development Studies (3 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

IDS-3210 (3) Community Organizing (3 hrs Seminar/Discussion) This course examines a range of strategies for promoting change in urban settings. Students study theories and historical examples of various kinds of community organizing. Local, national and international cases are examined. Examples may include, but are not limited to: neighbourhood-level organizing; feminist approaches to organizing; forms of civil disobedience; lobbying; use of the media in community organizing. Students work in groups to design specific community organizing strategies.
Cross-listed: UIC-3210(3).
Restrictions: Students may not hold credit for this course and UIC-3210.
Requisite Courses: UIC-2001 or UIC-2210 or IDS-2110 [prerequisite(s)].

IDS-3901 (3) Humanitarian Aid and Conflict: Do No Harm (3 hrs Lecture) This course focuses on the problems of providing assistance in complex emergencies, where armed conflict has generated crises requiring a humanitarian response. It covers the nature of contemporary armed conflict, the actors involved in responding to complex emergencies, and the many dimensions of humanitarian aid and intervention. Through analysis of aid's impacts on the conflict and its effectiveness at meeting human needs, the course explores models of humanitarian assistance that minimize negative impacts.
Cross-listed: CRS-3901(3).
Restrictions: Students may not hold credit for this course and CRS-3901.
Requisite Courses: IDS-1100 or CRS-1200 plus 45 credit hours of university credit or permission of the instructor [prerequisite(s)].

IDS-3910 (3) Peace Theory and Practice (3 hrs Lecture) This course investigates theories of peace. Theories of war and the practice of warfare have been studied a great deal; theories of peace and the practice of peace have been studied less. The course begins with attempts to define peace - a task as difficult as that of defining war

and conflict-by drawing on key studies by peace research scholars like Galtung, Reardon and Elshtain. The course is conducted in a modified seminar format (half the course in large group format, the remainder utilizing small group problem-based learning).
Cross-listed: CRS-3910(3).
Restrictions: Students may not hold credit for this course and CRS-3910.
Requisite Courses: IDS-1100 or CRS-1200 or permission of the instructor [prerequisite(s)].

IDS-3920 (3) Action Research Methods (3 hrs Lecture) This course investigates the contemporary research and field work methods commonly used by researchers and practitioners in the fields of international development and conflict resolution studies. The course emphasizes attitudes and skills necessary to conduct participatory action research. Topics and techniques covered in the course include planning for research, proposal writing, sampling strategies, interviewing and focus group techniques, life history, photovoice and participatory video, integrating qualitative and quantitative methods, and post-field work activities.
Cross-listed: CRS-3920(3).
Restrictions: Students may not hold credit for this course and CRS-3920.
Requisite Courses: IDS-1100 or CRS-1200 or permission of the instructor [prerequisite(s)].

IDS-4100 (3) Senior Seminar in International Development Studies (3 hrs Project / Thesis) In this capstone seminar students compare cross-disciplinary and discipline-based approaches to various international development issues. They also explore solutions to the problem of integrating development theory and practice. Students articulate their own understanding of development on the basis of critical reflection on examples of successful and unsuccessful development. The seminar includes critical reflection on students' experiences with development issues in the classroom, the practicum, or in extra-curricular activities.
Restrictions: Honours Form Required.
Requisite Courses: IDS-2110 (or the former IDS-3110), IDS-3101, IDS-3111, and IDS-3199, or permission of the instructor [prerequisite(s)].

IDS-4110 (6) Development Theory (3 hrs Lecture) This honours seminar takes an interdisciplinary approach to the study of theories that have shaped the conceptualization and practice of development around the world. This includes critical attention to the nature of development theory, the processes through which theory is generated, and the context in which different theories have emerged and in which some became dominant. The seminar focuses on current versions of general development theories such as: modernization, structuralism, Marxism, dependency theory, neoclassical and neoliberal theory, alternative development, and post-development. Examples of current theories that focus on key development issues are also covered.
Restrictions: Honours Form Required. Students may not hold credit for this course and IDS-4111.
Requisite Courses: IDS-2110, IDS-3111, IDS-3101, and IDS-3199, or permission of the instructor [prerequisite(s)].

IDS-4111 (3) Development Theory for Practice (3 hrs Seminar/Discussion) This honours seminar takes an interdisciplinary approach to the study of theories that have shaped the practice of development. It examines trends in development theory, types of theory that are useful to development practitioners, and the process through which selected theories were adapted for use by development organizations. This seminar focuses on the use of development-related theory in non-profit organizations and, secondarily, in multilateral organizations.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required. Students may not hold credit for this course and IDS-4110.
Requisite Courses: IDS-2110, IDS-3101, and IDS-3111 or permission of instructor [prerequisite(s)].

IDS-4120 (3) Honours Thesis (3 hrs Lecture) Students in this course will plan and carry out an original research project related to International Development Studies. This research project will result in the writing and oral presentation of an honours thesis whose length and format will be based on standards for submission to a scholarly journal. Students will also engage in consultation with a research advisor and participate in collegial support processes for their research project.
Note: Students are strongly encouraged to complete their research requirements for the IDS Honours program before registering for this course.
Restrictions: Honours Form Required.
Requisite Courses: IDS-2110 (or the former IDS-3110), IDS-3101, IDS-3111 and IDS-3199 [prerequisite(s)].

IDS-4182 (3) Selected Topics in International Development Studies (3 hrs Lecture) This course presents an in-depth study of a particular problem in development, using theoretical and/or applied concepts. The nature and range of topics covered will depend upon the Instructor. This course may be repeated for credit when the topic varies. Please see the IDS Program or Academic Advisor for a specific course description.
Requisite Courses: IDS-2110 and IDS-3111 or permission of the Program Coordinator or the instructor [prerequisite(s)].

IDS-4193 (3) Directed Readings in International Development Studies (3 hrs Lecture) In this course, advanced readings and assignments in the area of International Development Studies are arranged between an individual student and instructor.
Requisite Courses: Student must have successfully completed IDS-2110 (or the former IDS-3110), IDS-3101 AND IDS-3111 [prerequisite(s)].

IDS-4824 (3) Biocultural Diversity Convservation (3 hrs Seminar/Discussion) This course focuses on the interrelationship between indigenous peoples and their environment. Indigenous and local communities contribute with understanding, practices and innovations regarding

the use and conservation of biodiversity and natural resources in diverse ecosystems. The value of indigenous knowledge is recognized in international agreements and efforts are made to integrate traditional ecological knowledge into conservation and management programs. The tensions arising from the confluence of indigenous and scientific knowledge, the opposition of different epistemological approaches, the increasing loss of bio diversity and indigenous cultures, the interconnectedness between biological and cultural diversity are the central themes of this course.
Cross-listed: ANTH-4024(3), IS-4024(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4024 | IS-4024.

IDS-4910 (3) Conflict and the Construction of the Other (3 hrs Seminar/Discussion) This seminar addresses a central question raised in post-colonial theory about the way humans construct and maintain an understanding of the Other. We ask the question, "Have scholars found the idea of the Other useful as a synthesizing concept?" This problem-based, interdisciplinary seminar considers particular sites of struggle in cultural, social, and individual contexts. Finally, we ask about the implications of this inquiry for our cultural, social, and individual circumstances.
Cross-listed: CRS-4910(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and CRS-4910.
Requisite Courses: CRS-1200, CRS-2210 and CRS-3220 or IDS-1100, IDS-2110 and IDS-3111, or permission of the instructor [prerequisite(s)].

IDS-4920 (3) Program Planning in Development and Conflict Resolution (3 hrs Lecture) Program planning is a critical first step in most interventions by development and conflict resolution organizations. This course covers blueprint planning required for preparation of funding proposals and various forms of strategic and participatory planning required for the application of results-based management and learning approaches during program implementation. Current debates regarding approaches to planning are also reviewed. Students acquire skills necessary for conceptualizing and implementing international or domestic projects undertaken by non-governmental organizations: needs assessment, goal and purpose identification, formulation of logframe, workplan and budget, and preparation of a funding proposal.
Cross-listed: CRS-4920(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and CRS-4920.
Requisite Courses: IDS-1100 or CRS-1200 or permission of the instructor [prerequisite(s)].

IDS-4922 (3) Program Evaluation in Development and Conflict Resolution (3 hrs Lecture) Evaluating programs is a means of systematically assessing interventions designed to promote development and conflict resolution. This course covers formative evaluations required for program decision-making and summation evaluations applicable for analyzing outcomes and impacts to determine relevance, effectiveness, efficiency, sustainability and potential for replication of programs normally implemented by non-governmental organizations. Current debates in approaches to evaluation are also reviewed. Students acquire skills in: selecting relevant quantitative and qualitative indicators, various approaches to obtain measures for the indicatos selected, approaches to analyzing collected data, and effective presentation of evaluation conclusions and recommendations. Cost-benefit analysis is covered in ECON-3316(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and CRS-4922.
Requisite Courses: CRS-1200 or IDS-1100 or permission of the instructor [prerequisite(s)].

ITALIAN STUDIES

ITAL-1001 (6) Introductory Italian (3 hrs Lecture | 1 hrs Lab) This course is designed for students who have little or no previous knowledge of Italian and who wish to acquire a solid base in the written and spoken language. An effort is made to place equal emphasis on reading, writing, aural comprehension, and oral expression. To this end, one hour of language laboratory / small-group work supplements classroom work each week.
Note: Native speakers of Italian or students who have standing in Italian 40S or equivalent are not eligible to take this course.
Requisite Courses: ITAL-1001L (lab) (must be taken concurrently).

ITAL-2002 (3) Intermediate Italian (3 hrs Lecture | 1 hrs Lab) The aim of this course is to enable students to increase their proficiency in the following skills: writing, reading, aural comprehension, and oral expression. Students review and build on grammar essentials read, translate, and discuss short stories and non-fiction topics of current interest, and write short compositions. Additional practice in conversation takes place during a mandatory one-hour language lab session per week.
Requisite Courses: ITAL-1001 [prerequisite(s)]; ITAL-2002L lab (must be taken concurrently).

ITAL-2003 (3) Italian Language and Culture (3 hrs Lecture | 1 hrs Lab) This course continues to review and build on the essentials of Italian grammar and increase proficiency in the following skills: writing, reading, aural comprehension, and oral expression. Students are expected to read, translate and discuss short stories/poems and readings on current events, and write compositions about relevant topics on Italian culture. Various readings from selected topics on Italian culture such as the arts, literature, politics, sport, food, immigration and globalization prepare students to think critically in Italian and expose them to aesthetics and societal changes in the Italian diaspora. Additional practice in conversation takes place during a mandatory one-hour language lab session per week.
Requisite Courses: ITAL-2002 [prerequisite(s)]; ITAL-2003L (lab) (must be taken concurrently).

ITAL-2201 (3) Italian Food and Culture (3 hrs Lecture) This course examines the ways in which Italian food is constantly being reinvented. We use texts and video to explore socioeconomic trends that have influenced food production and consumption in Italy, such as the initiative of the slow food movement in the 1980s when fast food threatened the nature of Italian cuisine. We look at changes in family dynamics and the role of women over the years. Language and literature play an important role in the evolution and reinvention of Italian food culture. In an era of multiculturalism and globalization, we question the term authentic when describing foods and beverages.

KINESIOLOGY AND APPLIED HEALTH

KIN-1101 (3) Introduction to Kinesiology (3 hrs Lecture) This course is an introduction to the study of human movements, considering knowledge, theory, and application related to physical activity and sport. Human movement is examined from various perspectives, including exercise physiology, biomechanics, motor learning, sport psychology, sport ethics, and sport sociology. This course also includes a review of kinesiology-based career options.

KIN-1200 (3) Principles of Coaching (3 hrs Lecture) This course provides a thorough introduction to the coaching process emphasizing the theory and techniques of instruction, preparation and programming. This course will meet the knowledge requirements of the National Coaching Certification Program.

KIN-1302 (3) Teaching Individual Physical Activities (3 hrs Lecture) This course is designed to develop basic knowledge in the instruction of selected individual and dual sports/activities, appropriate in middle and senior years youth physical education programs, in schools or other settings. Principles of instruction, skill development, basic rules, and strategies of play are studied. Information on growth and motor development, motor learning and control, exercise physiology, and biomechanics related to instruction are also examined.

KIN-1303 (3) Teaching Team Physical Activities (3 hrs Lecture) This course is designed to develop basic knowledge in the instruction of selected team sports and activities, appropriate in middle and senior years youth physical education programs, in schools, or other settings. Principles of instruction, skill development, basic rules, and strategies of play will be studied. This course will also examine information on current organizational, administrative, management practices and trends as they relate to physical education curriculum, unit, and lesson planning will also be examined.

KIN-1601 (3) Nutrition for Health and Wellness (3 hrs Lecture) This course emphasizes basic nutrition information, especially as it contributes to informed decision-making by the consumer. Students are introduced to the major nutrients, Canadian nutrition standards and guidelines, and the role nutrition plays in optimal health, physical activity and disease prevention.
Restrictions: Students may not hold credit for this course and KIN-2501.

KIN-2061 (3) Sport in Ancient Greek World (3 hrs Lecture) The course examines the origin and historical development of sport in ancient Greece, its religious and political implications, and the nature of events and contests. Particular attention is given to intellectual and popular attitudes toward sport and the contribution made by ancient Greece in this area to Western civilization.
Cross-listed: CLAS-2061(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and CLAS-2060 | CLAS-2061 | KIN-2060 | KIN-2062.

KIN-2062 (3) Sport in Ancient Roman World (3 hrs Lecture) The course examines the origin and historical development of sport in ancient Rome, its religious and political implications, and the nature of events and contests. Particular attention is given to intellectual and popular attitudes toward sport and the contribution made by ancient Rome in this area to Western civilization.
Cross-listed: CLAS-2062(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and CLAS-2060 | CLAS-2061 | KIN-2060 | KIN-2061.

KIN-2100 (3) Leadership in Sport: Emerging Perspectives (3 hrs Lecture) This course explores the origins and development of leadership theory and also discusses emerging contemporary leadership frameworks and their relevance to practitioners in sport. Conclusions about effective leadership are developed resulting from a review of the most recent research in sport and other related disciplines, and students generate a personal leadership framework enabling them to pursue their future leadership roles with clarity and confidence.

KIN-2101 (3) Program Planning in Sport (3 hrs Lecture) This course examines the planning process as it relates to the delivery of sport programs. Special emphasis is given to needs assessment, program design, planning and periodization, risk management formative and summative evaluation, effective sponsorship, fundraising, and program promotion.

KIN-2104 (3) Outdoor Recreation and Education (3 hrs Lecture) This course views the outdoors as a laboratory for a multi-disciplinary approach to learning. The course focuses on the inter-relationships of skills and knowledge in the areas of recreation, education and the environment. Field trips and other outdoor experiences will be an important aspect of the course.

KIN-2105 (3) Sport Psychology (3 hrs Lecture) This course examines the latest research and practices in sport psychology. The psychological effects and contributing factors related to each issue/topic are examined to determine the implications for those involved in sport and related roles and fields. This course also explores the needs of individual participants and the nature of group processes, as well as issues relating to the enhancement of performance, health and well-being.
Requisite Courses: PSYC-1000 [prerequisite(s)].

KIN-2109 (3) Instructing Sport and Physical Activities (3 hrs Lecture) This course focuses on knowledge and strategies for instructing sport and physical activity. The target sport or physical activity varies. Topics include

terminology, rules, offensive and defensive strategies and tactics, and basic skills of selected sport or activity. Learning outcomes, lesson and unit planning, practice preparation, and skill instruction are covered. Students are expected to be physically active in class and conduct in-class peer teaching. This course may be repeated for credit when the topic varies.
Requisite Courses: KIN-1302 or KIN-1303 or KIN-1200 [prerequisite(s)].

KIN-2111 (3) Coaching and Teaching Basketball 1 (3 hrs Lecture) This course offers an introduction to the coaching and teaching of fundamental and one-on-one basketball skills. Students will be given the opportunity for peer teaching and coaching. This course will meet the knowledge requirements of the National Coaching Certification Program.
Requisite Courses: KIN-1200 or KIN-1302 or KIN-1303 [prerequisite(s)].

KIN-2112 (3) Coaching and Teaching Volleyball I (3 hrs Lecture) This course offers an introduction to the coaching and teaching of basic volleyball skills and rules. Students will be given the opportunity for peer teaching and coaching. This course will meet the knowledge requirements of the National Coaching Certification Program.
Requisite Courses: KIN-1200 or KIN-1302 or KIN-1303 [prerequisite(s)].

KIN-2200 (3) Issues in Sport (3 hrs Lecture) This course focuses on political, ethical, social and cultural issues related to sport organization, implementation, or participation. Students are challenged to assess current issues such as fair play, drug abuse, human rights, etc. and develop perspectives and strategies based on an appreciation of historical, philosophical, and moral considerations.
Requisite Courses: A minimum of 30 credit hours including KIN-1101(3) or KIN-1200(3) [prerequisite(s)].

KIN-2202 (3) Prevention and Care of Sport Injuries (3 hrs Lecture | 3 hrs Lab) This course examines techniques and strategies for the prevention and immediate care of athletic injuries. As a requirement of the course, students must obtain certification in Standard First Aid and CPR Basic Rescuer. Students completing the course have the opportunity to certify in Level I and II of the Provincial Athletic First Aider Program. This course can be used toward the Science requirement.
Requisite Courses: KIN-2301 [prerequisite(s)]; KIN-2202L (lab) (must be taken concurrently).

KIN-2204 (3) Human Physiology (3 hrs Lecture | 3 hrs Lab) This course examines the physiological processes of the major effector organ system (cardiovascular, digestive, muscular, respiratory, and renal) that maintain homeostasis within the human body. Regulation of homeostasis by control systems (nervous and endocrine) is also explored. This course can be used toward the Science requirement.
Restrictions: Students may not hold credit for this course and BIOL-1103.
Requisite Courses: KIN-2204L (lab) (must be taken concurrently); BIOL-1115(3) and BIOL-1116(3) or BIOL-1112(6) or permission of the instructor [prerequisite(s)].

KIN-2206 (3) Movement Education (3 hrs Lecture | 3 hrs Lab) Movement Education is an approach to teaching physical education to elementary school children. It is characterized as a success-oriented, child-centred, noncompetitive teaching method that utilizes games, gymnastics and dance to foster children's development in all learning domains. Students study the theoretical concepts and acquire hands-on lesson planning and teaching experience working with their peers and elementary school children.

KIN-2207 (3) Physical Growth and Motor Development (3 hrs Lecture) This course reviews knowledge and practice pertaining to physical growth, biological maturation, and motor development and their interrelationship in human performers. Particular emphasis is placed on the assessment and the development of basic movement skills through programming strategies for individuals and large groups.

KIN-2301 (3) Human Anatomy (3 hrs Lecture | 3 hrs Lab) This course involves a study of the human anatomical systems and their integration. Special emphasis is placed on the skeletal, articular and muscular systems. As well, the course investigates the analysis of movement.
Note: This course can be used toward the Science requirement.
Requisite Courses: KIN-2301L (lab) (must be taken concurrently); KIN-1101(3) or permission of the instructor [prerequisite(s)].

KIN-2304 (3) Scientific Principles of Fitness and Conditioning (3 hrs Lecture | 3 hrs Lab) This course provides an introduction to the major physical activity training principles for fitness assessments and exercise prescriptions in healthy populations. Topics covered include the measurement and evaluation of cardiovascular fitness, musculoskeletal fitness, body composition, balance and flexibility. The laboratory component consists of the practical skills and protocols used for proper fitness assessment. This course can be used toward the Science requirement.
Requisite Courses: KIN-1101 or permission of the instructor [prerequisite(s)]; KIN-2304L (lab) (must be taken concurrently).

KIN-2305 (3) Issues in Health (3 hrs Lecture) This course introduces the student to contemporary topics and issues in health and wellness. Issues are drawn from areas such as mental, emotional, physical, social, spiritual, and occupational health, for example, sexual health concerns, body image and stress management. This course prepares students to participate in health promotion in the school or community by developing the knowledge necessary to make responsible health decisions.

KIN-2400 (3) Teaching Games for Understanding (3 hrs Lecture) The Teaching Games for Understanding (TGFU) model is a teaching approach that gives

school-aged children the opportunity to learn game strategies, tactics and skills in a logical and inviting way. The TGFU approach is learner centred and develops the skills and strategies necessary to be successful in games. This teacher-friendly course engages the participant in a sampling of activities and offers an opportunity to develop, internalize and integrate the concepts presented through participation and peer teaching.

KIN-2500 (3) Athletic Therapy: Practicum I (3 hrs Apprenticeship/Internship/Practicum) This course provides an orientation to the profession of Athletic Therapy in both on-field and clinical settings under the appropriate supervision of a certified athletic therapist or approved health professional. This practicum requires the accumulation of approximately 100 hours (50 field and 50 clinical) recognized by the Canadian Athletic Therapists Association. This course can be used toward the science requirement.
Requisite Courses: A minimum grade of B in KIN-2202(3) AND permission of the instructor [prerequisite(s)]; KIN-2503 and KIN-3504 (must be taken previously or at the same time as this course).

KIN-2503 (3) Athletic Taping and Splinting Techniques (3 hrs Lecture) In this course, the student studies the theoretical bases and learns the application of various taping and splinting techniques in sport. The student develops proficiency in the advanced techniques of taping the foot, ankle, knee, hip and upper limb. The student is also introduced to techniques in splinting and bracing including foot orthotics, knee braces, and specialized splints.
Requisite Courses: KIN-2202 and KIN-2301 with a minimum grade of B, or permission of the instructor [prerequisite(s)].

KIN-2511 (3) Coaching and Teaching Basketball II (3 hrs Lecture) This course focuses on the coaching and teaching of basketball team offensive and defensive skills. Game strategies, practice and game preparation will also be examined. Students will be given the opportunity to assist coaches in the public school setting as well as to participate in peer teaching and coaching. This course will meet the knowledge requirements of the National Coaching Certification Program.
Requisite Courses: KIN-2111 or permission of the instructor [prerequisite(s)].

KIN-2512 (3) Coaching and Teaching Volleyball II (3 hrs Lecture) This course focuses on the coaching and teaching of volleyball team offensive and defensive skills. Game strategies and practice preparation will also be examined. Students will be given the opportunity to participate in peer teaching and coaching. This course will meet the knowledge requirements of the National Coaching Certification Program.
Requisite Courses: KIN-2112, or permission of the instructor [prerequisite(s)].

KIN-2850 (3) The Classical Roots of Medical Terminology (3 hrs Lecture) This course considers serveral of the most important ancient medical writers (Soranus, Celsus, and Galen, among others), their historical works, and contributions to ancient and modern medicine and medical terminology. Knowledge of medical terminology equips students for a variety of fields. This course also lays out the most important Greek and Latin roots of the vocabulary of contemporary medicine and demonstrates the predictable patterns by which these roots combine, introducing students to the concept of building language using root words, prefixes and suffixes. Students learn to define new compounds and phrases by analysis of their parts.
Cross-listed: CLAS-2850(3).
Restrictions: Students may not hold credit for this course and CLAS-2850.

KIN-3060 (3) Health in Antiquity (3 hrs Lecture) This course explores health, disease, and medicine in the Greek and Roman world. It draws upon evidence from the ancient textual sources (especially Galen and Hippocrates), social history, and archaeology (the latter including all manner of finds - architecture, art, artifacts, environmental materials, and skeletal remains) to examine how residents of the Greek and Roman world perceived and experienced health and disease, and how they sought to combat illness and to promote healing.
Cross-listed: ANTH-3262(3)and CLAS-3060(3).
Restrictions: Students may not hold credit for this course and ANTH-3262 | CLAS-3060.

KIN-3103 (3) Adapted Physical Activity (3 hrs Lecture) This course discusses relevant topics such as diversity, adaptation, inclusion, and the interaction of person, task and environment variables in facilitating physical activity for persons with disabilities. While the focus is on school physical education programs, the course has application to other environments, such as fitness, recreation, sport, and institutional settings. Students are required to volunteer in an out-of-class physical activity program for people with disabilities (minimum of 8 hours) and submit a typed report of their experiences.

KIN-3105 (3) Psychological Skills in Sport and Life (3 hrs Lecture) This course involves the study of theories and practices pertaining to psychological skill assessment, development and monitoring. Modern mental preparation techniques will be analyzed and implications for performance and satisfaction enhancement in sport and life discussed.

KIN-3106 (3) Exercise Physiology (3 hrs Lecture | 3 hrs Lab) This course examines the physiological response of the human body to the stress of acute and chronic exercise. Emphasis is placed on the neuromuscular and cardio-respiratory systems with special attention to the application of physiological principles of training. Laboratory work will illustrate specific physiological effects of exercise stress.
Note: This course can be used toward the Science requirement.
Requisite Courses: KIN-2204 Human Physiology or (Comparative Animal Physiology I & II [BIOL-3602 and BIOL-3603]) and KIN-2304 Scientific Principles of Fitness and Conditioning or permission of the instructor

[prerequisite(s)]; KIN-3106L (lab) (must be taken concurrently).

KIN-3107 (3) Therapeutic Modalities in Sport Medicine (3 hrs Lecture | 3 hrs Lab) This course involves a study of the principles of various modalities utilized in an athletic therapy clinic for the rehabilitation and reconditioning of sports injuries. It deals with the physiology of healing and how this process can be facilitated with the use of therapeutic modalities including ice, heat, muscle stimulation, ultrasound, and lasers.
Note: This course can be used toward the Science requirement.
Requisite Courses: KIN-3505 and a minimum grade of B in KIN-2301 and KIN-2202 or permission of the instructor [prerequisite(s)].

KIN-3201 (3) Biomechanics (3 hrs Lecture | 3 hrs Lab) This course employs mechanical and neuromuscular principles in the qualitative and quantitative analysis of human movement. Laboratory work examines two-dimensional kinematics and kinetics.
Note: This course can be used toward the Science requirement.
Restrictions: Students may not hold credit for this course and KIN-2201.
Requisite Courses: KIN-2301 [prerequisite(s)]; KIN-3201L (lab) (must be taken concurrently).

KIN-3206 (3) Directed Studies (3 hrs Directed Reading) Students wishing to pursue topics of special interest at an advanced level may do so in consultation with and under the supervision of a faculty member.
Note: Permission of the Department Chair is required.
Restrictions: Department Permission Required.

KIN-3208 (3) Physical Activity and Aging (3 hrs Lecture) The course introduces students to theories, concepts, and issues associated with the effects of physical activity on adult development and aging. Course content includes how systems age, exercise prescription and physical activity program design and delivery for older populations. Students are required to participate in an 8 hour community practicum experience related to aging and physical activity.
Requisite Courses: KIN-2304 or permission of the instructor [prerequisite(s)].

KIN-3256 (3) Honours Thesis I (3 hrs Lecture) This course is designed for students wishing to pursue topics of special interest at an advanced level for completion of an Honours degree in Kinesiology. Consultation and approval from an honours supervisor in the faculty is required prior to registration.
Restrictions: Department Permission Required.

KIN-3304 (3) Advanced Resistance Training (3 hrs Lecture) This course examines the principles of resistance training from anatomical, biomechanical and physiological bases. Topics to be covered include: teaching specific exercise techniques, spotting and participant safety, program design, testing and monitoring, and physiological adaptations to training. The course has a large practical component, in which students are expected to acquire and demonstrate their expertise in the topic areas. This course will meet the knowledge requirement of the Manitoba Fitness Council's Resistance Training Course.
Note: This course can be used toward the Science requirement.
Requisite Courses: KIN-2301 and KIN-2304 [prerequisite(s)].

KIN-3305 (3) Physical Activity: Promotion and Adherence (3 hrs Lecture) This course examines theory and practices that promote the adoption of physical activity and health behaviour, as well as strategies to foster adherence. Topics include effective individual and community intervention design, counselling in the fitness profession and the dose-response relationship to adherence of physical activity. Issues related to obesity, exercise addiction and physical activity across the lifespan are also discussed.
Requisite Courses: A minimum 30 credit hours completed [prerequisite(s)].

KIN-3500 (6) Athletic Therapy: Practicum II (3 hrs Apprenticeship/Internship/Practicum) This course provides both on-field and clinical experience in athletic therapy under the appropriate supervision. Students learn to apply the theoretical knowledge of injury prevention and management acquired in KIN 3504 while working in a field setting. A concurrent clinical placement provides an opportunity to assess and rehabilitate injuries experienced by the athletic and physically active population. This course can be used toward the Science requirement.
Restrictions: Instructor Permission Required.
Requisite Courses: A minimum grade of B in KIN-2500(3), KIN-2503(3) and KIN-3504(3) and proof of registration with the Canadian Athletic Therapists' Association and the Manitoba Athletic Therapists' Association must be provided to the practicum coordinator prior to obtaining permission to take the course [prerequisite(s)].

KIN-3501 (3) Assessment of Upper and Lower Limb Sport Injuries (3 hrs Lecture | 3 hrs Lab) This course presents thetheoretical and practical knowledge necessary for the recognition of athletic injuries to the appendicular skeleton. Students will study orthopaedic assessment techniques as well as history taking, record keeping, and assessment protocols.
Note: This course can be used toward the Science requirement.
Requisite Courses: A minimum grade of B in KIN-2301 and KIN-2202 or permission of the instructor [prerequisite(s)]; KIN-3501L (lab) (must be taken concurrently).

KIN-3502 (3) Rehabilitation of Upper and Lower Limb Sport Injuries (3 hrs Lecture | 3 hrs Lab) This course presents the theoretical and practical knowledge necessary for the treatment of athletic injuries to the appendicular skeleton. Students will study rehabilitation protocols, including pain and inflammation management, range of motion, strength and reintegration to physical activity.
Note: This course can be used toward the Science

requirement.
Requisite Courses: KIN-3201 and a minimum grade B in KIN-2304 and KIN-3501 or permission from the instructor [prerequisite(s)]; KIN-3502L (lab) (must be taken concurrently).

KIN-3503 (3) Massage Techniques in Sport (3 hrs Lecture) In this course the student learns the theoretical basis and technical application of sport massage. The course examines the basic components of sport massage, pre- and post-event massage techniques, and the role of massage in the rehabilitation of athletic injuries.
Requisite Courses: A minimum grade of B in both KIN-2301 and KIN-2202 or permission of the instructor [prerequisite(s)].

KIN-3504 (3) Sport First Responder (3 hrs Lecture) In this course, students study the essentials of emergency care and develop the skills required to effectively respond to a medical emergency, particularly as it relates to the sport environment. Topics include field evaluation of traumatic injuries, primary and secondary survey, airway management, and neurological, internal and orthopaedic injuries.
Requisite Courses: KIN-2202 with a minimum grade B or permission of the instructor [prerequisite(s)].

KIN-3505 (3) Pathology in Sport Medicine (3 hrs Lecture) This course introduces the student to pathological manifestations occurring during illness and injury. Topics include the cellular and vascular events that occur after an injury, the inflammatory and healing process, as well as the many systemic and organically based illnesses and injuries that may be complicating factors when treating athletic injuries.
Note: This course can be used toward the Science requirement.
Requisite Courses: BIOL-1112 or KIN-2301 and KIN-2204 or permission of the instructor [prerequisite(s)].

KIN-3904 (3) Personal Fitness Trainer (3 hrs Lecture) This course prepares students to provide individual physical activity/exercise prescription(s) to apparently healthy individuals. The student will be eligible for national certification with the Canadian Society for Exercise Physiology (CSEP) as a Certified Personal Trainer (CPT), ie. CSEP-CPT. This option is included in the course content, but successful meeting/surpassing of the national CSEP standards is NOT a course requirement.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: KIN-2301 and KIN-2204, or BIOL-1112; plus KIN-3106, KIN-2304, KIN-3304, KIN-2202,KIN-3201, and KIN-3305, and one of KIN-3105, KIN-2305, or KIN-2105 [prerequisite(s)].

KIN-4104 (3) Sport Ethics (3 hrs Lecture) Using such philosophical concepts as deontology, teleology and existentialism, this course provides an inquiry into ethics and morality as they apply to sport and physical education. The course challenges students' understanding of theories and frameworks, develops skills using methods in moral reasoning and critical reflection, and examines issues of professionalism and professional conduct. The role of organizations in promoting ethical values and social responsibilities in sport and physical education is also examined and critically evaluated.
Requisite Courses: KIN-2200 or KIN-2305 or permission of the instructor [prerequisite(s)].

KIN-4106 (3) Exercise Physiology in Chronic Disease (3 hrs Lecture) In developed nations, chronic diseases comprise the major causes of morbidity and mortality. This course examines the pathophysiology of selected chronic diseases and how each affects exercise performance. Exercise prescription for these higher risk populations is also examined. The chronic diseases discussed include, but are not limited to: cardiovascular disease, diabetes, arthritis, osteoporosis.
Requisite Courses: KIN-3106 and KIN-3505 or permission of the instructor [prerequisite(s)].

KIN-4200 (3) Advanced Seminar Coaching (3 hrs Lecture) This course is designed to integrate the theoretical and technical components of coaching. Students will discuss and prepare annual and quadrennial plans for their sport.
Requisite Courses: KIN-1200, KIN-2101, KIN-2105, KIN-2501, KIN-3106, KIN-3201 and KIN-3304 [prerequisite(s)]; KIN-4207 (must be taken previously or at the same time as this course).

KIN-4201 (3) Applied Biomechanics (3 hrs Lecture) This course focuses on the applied biomechanics of the musculoskeletal system, with specific emphasis on the role that effective and efficient ergonomics can play in the prevention of both acute and chronic injuries of the musculoskeletal system that occur as a result of abnormal, altered, or inefficient anatomical biomechanics.
Note: This course can be used toward the Science requirement.
Requisite Courses: KIN-3201 [prerequisite(s)].

KIN-4206 (3) Directed Studies (3 hrs Directed Reading) Students pursue topics of special interest at an advanced level in consultation with, and under the supervision of a faculty member. Content and approach vary depending upon instructor and student interests.
Note: Permission of the Department Chair is required to register.
Restrictions: Department Permission Required.

KIN-4207 (3) Motor Learning and Control (3 hrs Lecture) This course investigates contemporary theories, topics and issues in motor learning and motor control. Relevant theoretical concepts are applied to teaching, coaching and other physical activity settings. Various theories of motor learning and control are studied The course studies the conditions and underlying processes associated with motor skill learning. Specific topics include the nature of motor learning and control; measurement and motor performance; structuring a practice environment; effective instructional conditions; transfer of learning; feedback; the controversy over abilities; and underlying

neuromuscular processes in motor skill learning.
Note: This course can be used toward the Science requirement.
Restrictions: Students may not hold credit for this course and KIN-3207.
Requisite Courses: A minimum 45 credit hours completed [prerequisite(s)].

KIN-4256 (3) Honours Thesis II (3 hrs Lecture) This course is designed for students wishing to pursue topics of special interest at an advanced level for completion of an Honours degree in Kinesiology. Consultation and approval from an honours supervisor in the faculty is required prior to registration.
Restrictions: Department Permission Required.
Requisite Courses: You must successfully complete KIN-3256(3). Requirement: Permission from the Honours supervisor in the faculty of Kinesiology [prerequisite(s)].

KIN-4301 (3) Applied Human Anatomy (3 hrs Lecture) The course focuses on the functional aspects of human anatomy. Topics include applied neuroanatomy, three dimensional and surface anatomy using diagnostic imaging and palpatory skills. The course is primarily geared to students interested in Athletic Therapy, the CSEP Certified Exercise Physiologist designation, and other related fields.
Note: This course can be used toward the Science requirement.
Requisite Courses: Minimum grade of B in KIN-2301; KIN-3501 or KIN-3106 [prerequisite(s)].

KIN-4500 (6) Athletic Therapy: Practicum III (3 hrs Apprenticeship/Internship/Practicum) This course provides both on-field and clinical experience in athletic therapy under the appropriate supervision. Student learns to apply the theoretical knowledge of injury prevention and management techniques from KIN 3500 in a field setting with high impact or collision sports. Students assume an extended leadership role within their field placement and demonstrate advanced injury prevention, assessment and treatment strategies. Students also work concurrently in a clinical setting where they practice advanced assessment and rehabilitation techniques associated with KIN 4501. Clinically, the student is expected to progress to self-directed management of patients including enhanced understanding and application of therapeutic modalities and rehabilitation techniques.
Restrictions: Instructor Permission Required.
Requisite Courses: Minimum grade of B in KIN-2500 and KIN-3502 and proof of registration with the Canadian Athletic Therapists' Association and the Manitoba Athletic Therapists' Association must be provided to the practicum coordinator prior to obtaining permission to take the course [prerequisite(s)].

KIN-4501 (3) Sports Injuries of the Spine (3 hrs Lecture | 3 hrs Lab) The student studies injuries incurred to the cervical, thoracic and lumbar spine including joints, ligaments, discs and surrounding musculature. The brain and skull are also studied. Topics include anatomy, mechanisms of injury, signs and symptoms, assessment techniques, treatment and rehabilitation.
Note: This course can be used toward the Science requirement.
Requisite Courses: KIN-3501 and KIN-3502 with a minimum grade of B or permission of the Instructor [prerequisite(s)]; KIN-4501L (lab) (must be taken concurrently).

KIN-4502 (3) Drugs and Ergogenic Aids in Sport (3 hrs Lecture) This course examines the historical and contemporary issues and the physiological effects of the use and abuse of drugs and ergogenic aids in sport. Topics include the physiological effects of performance enhancing drugs such as anabolic steroids, stimulants, beta blockers, herbal supplements, creatine, and blood doping. The student is introduced to national and international guidelines for banned substances and testing protocols. Discussion also includes the common prescription and non-prescription drugs used in sport. The moral and ethical aspects of drugs and ergogenic aids in sport are emphasized throughout the course.
Note: This course can be used toward the Science requirement.
Requisite Courses: KIN-3106 [prerequisite(s)].

KIN-4556 (3) Honours Seminar in Kinesiology (3 hrs Seminar/Discussion) This course examines advance research methods, topics and professional practice in Kinesiology. This seminar provides Honours Kinesiology students the opportunity to enhance their understanding of kinesiology research and prepare them for undertaking their own research. Allowing them to explore issues related to advanced kinesiology topics and the research process (e.g. ethics, methodologies and instrumentation), as well as participate in discussions about research philosophy and issues related to writing and producing research. This course is only offered every second year on the course calendar.
Note: Permission of Chair or Honours supervisor is required.
Restrictions: Department Permission Required.

KIN-4601 (3) Nutrition for Sport Performance (3 hrs Lecture) This course explores the role of adequate nutrition for optimal performance in sport. Students examine sport--specific macro nutrient and micro nutrient needs of athletes, with a focus on the role of nutrients in energy metabolism as a means to support sport performance. Challenges in achieving adequate nutritional status and current issues in sport nutrition, including the use of nutritional ergogenic aids, are examined. Students are encouraged to consider evaluating scientific evidence in the rapidly evolving field of sports nutrition.
Requisite Courses: KIN-1501 (or the former KIN-2501), KIN-2304 and KIN-3106 [prerequisite(s)].

LINGUISTICS

LING-1001 (6) Introduction to Linguistics (3 hrs Lecture) This course introduces students to the nature of human language and linguistic research. The aim is to familiarize students with the properties of language by focusing on the following core areas: phonetics and phonology (sound structure), morphology (word structure), syntax (sentence structure), semantics (the structure of meaningful categories) and pragmatics (the use of language in specific social and cultural contexts). Other topics covered include language acquisition, language variation, and language change. A variety of languages are used for illustration.
Restrictions: Students may not hold credit for this course and ANTH-2022 | FREN-2022 | LING-1200.

LING-2001 (3) Phonetics and Phonology (3 hrs Lecture) This course describes all English consonant and vowel sounds in terms of place and manner of articulation. It also identifies how sounds are organized into syllables and words by studying the concepts of phonemes, allophones and phonological rules. Although the course focuses on English phonology, it also draws heavily on other languages to illustrate the key concepts. Students will be required to master characters and diacritics from the International Phonetic Alphabet.
Cross-listed: ANTH-2401(3) and ENGL-2803(3).
Restrictions: Students may not hold credit for this course and ANTH-2401 | ENGL-2803.

LING-2002 (3) Morphology (3 hrs Lecture) This course introduces students to the concepts and methods of word analysis. Students investigate the nature of morphemes (smallest units of meaning), their different types and functions, and the different ways they are organized into words. The course explores the process of word formation through derivation and compounding as well as grammatical uses of inflectional morphemes. Based largely in English, both lectures and exercises also draw on various other languages to highlight key morphological features and constructs.
Cross-listed: ANTH-2402(3) and ENGL-2805(3).
Restrictions: Students may not hold credit for this course and ANTH-2402 | ENGL-2805.

LING-2003 (3) Syntax (3 hrs Lecture) Syntax is the study of the arrangement of words into groups, clauses and sentences. In this course students use morphological, syntactic, semantic, and lexical criteria to define traditional parts of speech, in order to understand how these combine to form a variety of clauses and sentences types. Form, function, class and structure are introduced from the perspective of systemic functional and communication linguistics. These descriptive frameworks are contrasted with transformational generative models and others.
Cross-listed: ANTH-2403(3) and ENGL-2802(3).
Restrictions: Students may not hold credit for this course and ANTH-2403 | ENGL-2802.

LING-2004 (3) Semantics (3 hrs Lecture) Semantics is the branch of linguistics concerned with how we construct meaning using language. It is arguably the most diverse branch, situated between the highly formalizable "inner layers" of phonology, morphology and syntax and the fuzzier "outer layer" of pragmatics. Key ideas covered in the course include: the difference between sense and reference, the application of basic rules in formal logic, prototype theory, componential analysis, and cognitive semantics; how to identify thematic roles in sentences; the functions of noun classifiers, deictics, and adpositions in different languages; and, the nature of metaphors, metonyms and image schemas.
Restrictions: Students may not hold credit for this course and ANTH-2405 | ENGL-2806.

LING-2101 (3) Language and Culture (3 hrs Lecture) The course examines how language encodes cultural dialects from different regions and time periods within various social and cultural contexts. Selected British, American, and Canadian dialects are studied from specific historical and contemporary periods. Social factors such as age, gender, ethnicity, class, socio-economic, educational, political, and religious factors are considered from a sociolinguistic perspective. The course also examines language and dialects related to various registers, such as student-teacher classroom exchange, job interviews, work talk, and casual conversation. To examine the differences in these registers, functional and systemic perspectives of communication linguistics are introduced.
Cross-listed: ENGL-2804(3) and ANTH-2406(3).
Restrictions: Students may not hold credit for this course and ANTH-2406 | ENGL-2804.

LING-2102 (3) Method and Theory in Linguistic Anthropology (3 hrs Lecture/Seminar) This course examines the relationship between language and culture, including the theories and principles of linguistic anthropology. More than 20 languages are compared and contrasted in order to understand the concepts of language structure. Topics include the basic principles of phonetics and phonology, morphology, syntax, pragmatics, language change, literacy, nonverbal communication and signed languages.
Cross-listed: ANTH-2400(3).
Restrictions: Students may not hold credit for this course and ANTH-2400.

LING-2103 (3) Languages of the World (3 hrs Lecture) Taking a general overview of the linguistic map of the world where approximately 7000 languages are currently spoken, this course looks at some of the main language families and examines evidence for genetic relationships within them. Variations within a single language, principles underlying different writing systems, as well as issues of language contact, endangered languages, and the role of English as an emerging world langauge are also considered. Examples are drawn from a wide range of languages.
Cross-listed: ANTH-2404(3).
Restrictions: Students may not hold credit for this course and ANTH-2404 | LING-2404.

LING-2208 (3) Greek and Latin in Today's English (3 hrs Lecture) Of the 20,000 words in common use in English, about half have come from Latin, directly or through French. Greek, too, has made its contribution and continues to do so as the language of science expands. In addition to a thorough study of the formation of nouns, verbs, and adjectives from their Greek and Latin component parts, we will examine the Greek script, principles of transliteration, medical and scientific Greek, words from Greek mythology and society, Roman numerals, legal Latin, abbreviations of Latin words in common use, Latin mottoes and proverbs, and unusual plural forms in English. No knowledge of Latin or Greek is required.
Cross-listed: CLAS-2800(3).
Restrictions: Students may not hold credit for this course and CLAS-2800.

LING-2301 (3) Phonetics (3 hrs Lecture | 3 hrs Lab) This course presents the theory and practice of French phonetics and phonology. Theory covers the acoustics and physiology of speech, the International Phonetic Alphabet, the description of French vowels, consonants, articulation features (assimilation, liaison, etc.), and prosodic patterns (syllabation, rhythm, intonation, etc.). Practical applications include phonetic transcription, orthoepy (the relationship between pronunciation and orthography) and a lab program aiming at oral performance.
Cross-listed: FREN-2202(3).
Restrictions: Students may not hold credit for this course and FREN-2202.
Requisite Courses: FREN-21109(3), or placement test, or the former FREN-1112(6)or permission of the instructor [prerequisite(s)]; LING-2301L (Lab) (must be taken concurrently).

LING-2401 (3) German Phonetics (3 hrs Lecture) This course presents the theory and practice of German phonetics and phonology, its practical applications (e.g., the use of pronunciation dictionaries), and material realizations in standard German. The theory covered includes the physiology of speech, the International Phonetic Alphabet, as it relates to German, and phonetic transcription. Emphasis is placed on othoepy (the relationship between pronunciation and orthography) and on correcting the student's oral performance in German.
Cross-listed: GERM-2202(3).
Restrictions: Students may not hold credit for this course and GERM-2202.
Requisite Courses: GERM-2109 [prerequisite(s)].

LING-3001 (3) Textual Analysis (3 hrs Lecture) This course examines the principles and methods of textual analysis as a language-centered approach to literary and non-literary discourse. Various texts are analyzed using six descriptive linguistic tools, namely sounding (phonology), seeing (graphology), wording (lexis), arranging (syntax), meaning (semology and semantics), and ornamenting (rhetoric). Textual analysis considers the effect of writers' choices to create different reader responses to literary elements such as developing characters, building suspense, creating humour, and achieving particular rhetorical purposes.
Cross-listed: ENGL-3800(6) and ANTH-3405(6).
Restrictions: Students may not hold credit for this course and ANTH-3405 | ENGL-3800.

LING-3002 (3) Discourse Analysis (3 hrs Lecture) In this course students are introduced to phasal analysis, as well as several other advanced forms of analyses that discourse analysts use in their explanation of spoken discourse. In addition, students read articles through the term written by many of the internationally renowned discourse analysts and relevant to the analyses they are learning.
Requisite Courses: LING-3001 or ANTH-3405 or ENGL-3800 or permission of the instructor [prerequisite(s)].

LING-3006 (3) Language Typology (3 hrs Lecture) This course examines and classifies a number of languages by applying the basic concepts of Anthropological Linguistics to analysis of the phonology, morphology, syntax, semantics, and pragmatics of various languages. The structure of these languages is compared and contrasted to explore typological patterns and explain structural diversity of human languages. Relations between the grammar and pragmatic features of the languages are also explored. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: LING-4006(3), ANTH-3400 and ANTH-4400(3).
Restrictions: Students may not hold credit for this course and ANTH-3400 | LING-4006.
Requisite Courses: ANTH-2400 or LING-2102 or permission of the instructor [prerequisite(s)].

LING-3101 (3) Registers of Our Daily Life (3 hrs Lecture) Students are introduced to issues involved in the research being done by linguists, text analysts, discourse analysts, and sociolinguists concerning various types of institutional discourse. They are required to carry out a research project on a register of their choice. Experimental investigations and contemporary research focus on medical, scientific, legal, business, financial, political, classroom, and media discourse.
Cross-listed: ANTH-3407(3), ENGL-3802(3).
Restrictions: Students may not hold credit for this course and ANTH-3407 | ENGL-3802.
Requisite Courses: LING-2101 or ANTH-2406 or ENGL-2804 [prerequisite(s)].

LING-3102 (3) Comparative Indo-European Linguistics and Mythology (3 hrs Lecture) This course proposes an integrated overview of Indo-European tradition based on comparative linguistics, mythology, archaeology, social structure and religion. A survey of Indo- European languages, ancient and modern, including their relationships, writing systems, and sociolinguistic context, is followed by an examination of problems in analysis and reconstruction of Indo-European proto-language and proto- culture. The course further explores major Indo-European mythological and poetic traditions, and possible reconstruction of their common sources. It also examines belief systems, literary continuations of mythopoetic material, archeological evidence and historiographic records. Additional in-depth

work is required to receive credit at the 4000 level.
Cross-listed: LING-4102(3), ANTH-3406(3) and ANTH-4406(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3406 | ANTH-4406 | LING-4102.

LING-3103 (3) Sociolinguistics (3 hrs Lecture) Sociolinguistics is the systematic study of language as a social phenomenon with a focus on the relationship between language and various social variables such as age, class, ethnicity and gender. This course examines language variations on regional (regional dialects), social (sociolects) and personal (styles and registers) level, as well as topics such as standard language, slang, jargon, politeness and taboo. It introduces students to the concepts of language ideologies, communities of practice, multilingualism, diglossia and code switching, and explores the problems of language in the contact and of language shift, revival and planning.
Cross-listed: ANTH-3408.
Restrictions: Students may not hold credit for this course and ANTH-3408.
Requisite Courses: LING-1001 [prerequisite(s)].

LING-3104 (3) Indigenous Languages of South America (3 hrs Lecture) Presenting an integrated overview of the indigenous languages of South America, this course looks at main language families spoken there, their spatial distribution, history and classification, as well as their cultural background. With 53 language families and 55 isolates, South America is not only the most diverse region in linguistic terms, but also a storehouse of unusual structural features important for understanding the full range of possible variants of human language. The course also explores typological characteristics of South American languages, potential linguistic areas, proposals of more distant relationships, and the current situation of endangered languages in this region. Additional in-depth work is required to receive credit at the 4000-level.
Cross-listed: ANTH-3411(3), ANTH-4411(3), LING-4104(3), and IS-3104(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3411 | ANTH-4411 | IS-3104 | LING-4104.

LING-3105 (3) Speech and Language Disorders in Children (3 hrs Lecture) This course is designed to introduce students to the field of communication disorders in children. It provides an overview of professional issues. Possible topics include the identification of different types of communication disorders, procedures in the evaluation and treatment of these disorders, and child-care program planning techniques.
Cross-listed: DEV-3300(3).
Restrictions: Students may not hold credit for this course and DEV-3300.
Requisite Courses: PSYC-2200 or Departmental permission [prerequisite(s)].

LING-3201 (3) Special Studies (3 hrs Lecture) Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only exceptional circumstances, and/or only when students can satisfy program requirements in no other way. The course proposal follows guidelines of the professor's host department and receives approval from the Program Coordinator.
Note: It is recommended that students complete at least 18 credit hours of Linguistics courses before registering.
Restrictions: Instructor Permission Required.

LING-3302 (3) French Morphology and Syntax (3 hrs Lecture) Based on the analysis of modern French, this course presents fundamental linguistic concepts, including nature and types of monemes, distributional and syntactic properties of morphemes, and the French verbal system (mood, tense and aspect). The syntax of simple, compound and complex sentences is studied in a transformational-generative perspective, as it applies to French. At the Honours level, in FREN-4204/LING-4304, additional approaches (mainly the functional and the cognitive) are used to examine complex utterances in various oral and written styles.
Restrictions: Students may not hold credit for this course and FREN-3204.
Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

LING-3303 (3) Géolinguistique français (French Geolinguistics) (3 hrs Lecture) This course presents contemporary varieties of French in Canada and other parts of the Francophone World. After a brief introduction to linguistic change from early dialects to today's international norm, the course focuses on regional variation particularly in Canada and North America, major geolinguistic concepts (e.g. regionalism, isogloss), and fieldwork methods. Sound documents are explored for their vocabulary and grammar, to help students expand their communication skills in different environments, as they become more familiar with different varieties of French. The Honours level concentrates on methodology and linguistic data analysis (e.g. lexicometry, linguistic atlases).
Cross-listed: FREN-3202(3).
Restrictions: Students may not hold credit for this course and FREN-3202 | FREN-4202 | LING-4303.
Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

LING-3305 (3) Studies in Bilingualism (3 hrs Lecture) This course explores three major aspects of bilingualism: the context, the learner, and the writer. The context section introduces historical and geographical aspects of bilingualism (e.g. official/unofficial bilingualism in the Francophone world), and resulting sociolinguistic situations (e.g. diglossia/bilingualism). The main section of the course focuses on the bilingual learner (e.g. multilingual acquisition, compound bilingualism, the active lexicon in Franco-Manitoban and immersion schoolchildren). The concluding section examines examples of bilingual writing (e.g. Beckett, Green, Leveille).
Cross-listed: FREN-3205(3), FREN-4205(3), and LING-4305(3).

Restrictions: Students may not hold credit for this course and FREN-3205 | FREN-4205 | LING-4305 | RHET-3156.
Requisite Courses: 6 credit hours in 2000-level French Studies courses, or permission of the instructor [prerequisite(s)].

LING-3311 (6) Comparative Stylistics and Translation (3 hrs Lecture) In this course, French is studied by being contrasted with English in a comparative lexicology and comparative grammar approach. Linguistic divergence is examined at the lexical level (e.g. semantic values, stylistic variants, linguistic interference), the grammatical and syntactic levels (e.g. gender, modifiers, modal auxiliaries, word order), and the pragmatic level, with a focus on cultural strategies (e.g. sentence segmentation into translation units, modulation, grammatical transposition). Translation strategies are explored so as to address the distinctive lexical, grammatical, syntactic, and pragmatic features of each language.
Cross-listed: FREN-3311(6)
Restrictions: Students may not hold credit for this course and FREN-3111.
Requisite Courses: You musr successfully complete 6 credit hours in French Studies courses; including 3 credit hours in 2000-level language, or obtain permission of the instructor [prerequisite(s)].

LING-3401 (3) German Lexicology (3 hrs Lecture) This course focuses on the German lexicon, its forms and formation. Students learn to distinguish different structural types of words (e.g., acronyms, derivatives), to identify their basic components (e.g., prefixes, suffixes), and to recognize the mechanisms involved in their formation. Through the study of synonyms and antonyms, students explore the semantic relationships between words. The hierarchical structure of the lexicon is examined. Course work emphasizes practical strategies for vocabulary enrichment and mastery.
Cross-listed: GERM-3403(3).
Restrictions: Students may not hold credit for this course and GERM-3403.
Requisite Courses: 12 credit hours in 2000-level German Studies courses, or permission of the instructor [prerequisite(s)].

LING-3405 (3) The Acquisition of German as an Additional Language (3 hrs Lecture) A language may be learned at home, in the classroom or on the street. But how do babies make sense of the sounds around them so they can effectively communicate? Why is it difficult for older learners to acquire a second language? Are there secrets for second-language learning? In this course students explore the learning and teaching of German as an additional language. Students also critically examine their own language acquisition as they strive to understand how languages are learned, with an end toward improving their own language skills.
Cross-listed: GERM-3858(3).
Restrictions: Students may not hold credit for this course and GERM-3858.
Requisite Courses: GERM-2109 and any 3 credit hours in 2000-level German Studies courses except GERM-2001 [prerequisite(s)].

LING-3505 (3) History of the Spanish Language (3 hrs Lecture) This course traces the development of the Spanish language from its Latin origins to its modern-day dialects in Spain and the Americas. It examines both the internal evolution of the Spanish Language(its phonetics, phonology, morphology, syntax, semantics, and pragmatics) and the sociocultural and historical factors that influenced its development. Various linguistic documents illustrating the distinct features of Spanish in different eras are studied. Special attention is paid to the appearance of cognate words shared by Spanish and English.
Cross-listed: SPAN-3301(3).
Restrictions: Students may not hold credit for this course and SPAN-3301.
Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000-level, or permission of the instructor [prerequisite(s)].

LING-4001 (3) History of Linguistics (3 hrs Lecture) In this course students explore the history of linguistics from Panini, Plato, and Aristotle before the common era, through the centuries until the nineteen sixties. Theorists considered may include Thrax, Priscian, Sweet, Jespersen, Humboldt, Malinowski, Bloomfield, Sapir, and Saussure.
Cross-listed: ANTH-4403(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4403 | ENGL-4801.
Requisite Courses: ANTH-3405 or LING-3001 or ENGL-3800 and permission of the Program Coordinator [prerequisite(s)].

LING-4002 (3) Contemporary Linguistic Theory (3 hrs Lecture) In this course students explore several contemporary linguistic theories such as Gregory and Malcolm's communication linguistics; Halliday's systemic functional linguistics; Pike's tagmemics; Lamb's stratificational linguistics; and Chomsky's transformational generative grammar as well as its development in government binding theory. In addition certain theories are introduced which explore the relationship between linguistics, society and culture. Examples include pragmatics and linguistic anthropology.
Cross-listed: ANTH-4402(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4402.
Requisite Courses: Permission of the Program Coordinator and LING-3001 or ANTH-3405 or permission of the instructor [prerequisite(s)].

LING-4003 (3) Topics in Linguistics (30 hrs Lecture) This course offers upper-level instruction in a variety of linguistically related topics. The specific focus of the course varies from year to year with the instructor. It may, for instance, focus on the work of an important linguist, a particular linguistic theory, or advanced studies in areas of syntax, lexicography, phonology, etc.
Restrictions: Honours Form Required.
Requisite Courses: Permission of the Program Coordinator plus a minimum of 18 credit hours from List A and 12 credit hours from List B or permission of the instructor [prerequisite(s)].

LING-4004 (3) Honours Thesis (3 hrs Thesis) In this course students engage in a summative investigation of a topic of their choice. They choose texts to analyze, undertake the analysis and apply releveant research methods, and research data bases as appropriate. They write an academic research paper, submit an abstract to the Student's Linguistic Colloquium and finally revise their paper for presentation. Through the process, students meet with a supervising professor to determine primary objectives, establish a schedule of work and assignments, and evaluate all of the steps in the process.
Note: Permission of the Program Coordinator plus a minimum of 18 credit hours from list A and 6 credit hours from list B or in the absence of these courses permission of the Instructor is required. Students must have a GPA of at least 3.0 in Linguistics.
Restrictions: Honours Form Required.

LING-4005 (3) Semiotics and Structuralism (3 hrs Lecture) This course provides a theoretical overview of semiotics (the study of signs and of sign systems) and structuralism (a specific method of analyzing texts). Readings include selected works by Saussure, Peirce, Jakobson, Barthes, Derrida, Lévi-Strauss and others. Special emphasis is given to Lévi-Strauss' structural analysis of myths. Through a variety of projects, students learn how to apply Lévi-Strauss' method to segment related myths and other texts into discrete units of plot, organize these into concordances, and determine patterns of syntagmatic and paradigmatic association. The strengths and weaknesses of this method are also discussed.
Cross-listed: ANTH-4401(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4401.
Requisite Courses: Permission of the Program Coordinator and LING-2102 or ANTH-2400 or permission of the instructor [prerequisite(s)].

LING-4006 (3) Language Typology (3 hrs Lecture) This course examines and classifies a number of languages by applying the basic concepts of Anthropological Linguistics to analysis of the phonology, morphology, syntax, semantics, and pragmatics of various languages. The structure of these languages is compared and contrasted to explore typological patterns and explain structural diversity of human languages. Relations between the grammar and pragmatic features of the languages are also explored. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: LING-3006(3) and ANTH-3400 and ANTH-4400(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3400 | LING-3006.

LING-4025 (3) Indigenous Languages: Culture, Rights and Conflict (3 hrs Seminar/Discussion) Indigenous languages are an integral part of Indigenous peoples' identity, worldview and culture. It is however, currently estimated that up to ninety per cent of the world's Indigenous languages are likely to disappear by the end of the century. This course is designed to give students and overview of Indigenous language issues related to culture, advocacy, revitalization, and resistance. Students are encouraged to critically compare and contrast the treatment of Indigenous languages through legislation, policy, grassroots activism, and educational and systemic efforts in countries such as Canada, the United States, New Zealand, Norway, and Sweden.
Cross-listed: IS-4025(3)
Restrictions: Honours Form Required. Students may not hold credit for this course and IS-4025.
Requisite Courses: IS-1015 or IS-1016 and IS-1017 [prerequisite(s)].

LING-4101 (3) Topics in Language, Culture, and Communication (3 hrs Lecture) This course offers instruction in current issues related to the interrelationship between language, culture, and communication. The specific focus of the course varies from year to year with instructor.
Note: Permission of the Program Coordinator and the Instructor, plus LING-2101(3) and LING-3001(6) or in the absence of these courses permission of the Instructor is required. Students must have a GPA of at least 3.0 in Linguistics.
Restrictions: Department Permission Required.
Requisite Courses: LING-2101 and LING-3001 and permission of the Program Coordinator [prerequisite(s)].

LING-4102 (3) Comparative Indo-European Linguistics and Mythology (3 hrs Lecture) This course proposes an integrated overview of Indo-European tradition based on comparative linguistics, mythology, archaeology, social structure and religion. A survey of Indo- European languages, ancient and modern, including their relationships, writing systems, and sociolinguistic context, is followed by an examination of problems in analysis and reconstruction of Indo-European proto-language and proto- culture. The course further explores major Indo-European mythological and poetic traditions, and possible reconstruction of their common sources. It also examines belief systems, literary continuations of mythopoetic material, archeological evidence and historiographic records. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: LING-3102(3), ANTH-3406(3) and ANTH-4406(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3406 | ANTH-4406 | LING-3102.

LING-4104 (3) Indigenous Languages of South America (3 hrs Lecture) Presenting an integrated overview of the indigenous languages of South America, this course looks at main language families spoken there, their spatial distribution, history and classification, as well as their cultural background. With 53 language families and 55 isolates, South America is not only the most diverse region in linguistic terms, but also a storehouse of unusual structural features important for understanding the full range of possible variants of human language. The course also explores typological characteristics of South American languages, potential linguistic areas, proposals of more distant relationships, and the current situation of endangered languages in this region. Additional in-depth

work is required to receive credit at the 4000-level.
Cross-listed: ANTH-3411(3), ANTH-4411(3), LING-3104(3), and IS-3104(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3411 | ANTH-4411 | IS-3104 | LING-3104.

LING-4201 (3) Special Studies I (30 hrs Lecture) Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way. Students are required to submit a short course proposal to be vetted and approved by the professor with whom they propose to work and that professor's home department.
Note: Permission of the Program Coordinator and supervising Instructor plus a minimum of 18 credit hours from list A and 6 credit hours from list B is required. Students must have a GPA of at least 3.0 in Linguistics.
Restrictions: Department Permission Required.

LING-4202 (6) Special Studies II (3 hrs Lecture) Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or when students can satisfy program requirements in no other way. Students are required to submit a short course proposal to be vetted and approved by the professor with whom they propose to work and that professor's home department.
Note: Permission of the Program Coordinator and supervising Instructor plus a minimum of 18 credit hours from list A and 6 credit hours from list B is required. Students must have a GPA of at least 3.0 in Linguistics.
Restrictions: Department Permission Required.

LING-4203 (3) Tutorial Apprenticeship (3 hrs Lecture) This course provides opportunities for experiencing and exploring learning and teaching strategies in designated university linguistics and culture courses. Students may assist by; offering individual support and instruction for students facing challenges with course material; leading groups of advanced or remedial students within the class when appropriate; designing class materials including exercises and answer keys. Students meet regularly with the supervising professor in order to discuss and evaluate teaching strategies and materials.
Note: Permission of the Program Coordinator and supervising Instructor, plus a minimum of 18 credit hours from list A and 6 credit hours from list B is required. Students must have a GPA of at least 3.0 in Linguistics.
Restrictions: Department Permission Required.

LING-4204 (3) Research Apprenticeship (3 hrs Apprenticeship/Internship/Practicum) In this course students reflect on how research issues influence their study of language and culture. Students meet with instructors who have similar research insterests in one-to-one tutorials and seminars to discuss common research questions and practices. They may consider a range of issues, including various recording, transcribing and analyzing strategies for real data. They may also consider how the analysis of key periodicals, critical studies and professional associations define a particular research topic, and constrain how various research topics and explorations are communicated. The course supports the development of research skills for work in the field of Linguistics and Culture.
Note: Permission of the Program Coordinator and supervising Instructor plus a minimum of 18 credit hours from list A and 6 credit hours from list B is required. Students must have a GPA of at least 3.0 in Linguistics.
Restrictions: Department Permission Required.

LING-4300 (3) Language and Style (3 hrs Lecture) The first focus of this course is on French Lexicology (e.g. word formation, neologisms), and the interaction between lexis, semantics (e.g. semantic fields) and syntax (e.g. idioms). The second focus is on the relation between language and style in various French texts (e.g. essays, speeches), explored for their stylistic variation and discursive features (e.g. foregrounding, rhythm). Class work investigates French vocabulary and dictionary presentations of linguistic variation (usage labels of time, place and style). Course work includes compositions that develop lexical and rhetorical cohesion when writing in French, and a research paper on an individual linguistic topic.
Cross-listed: FREN-4200(3).
Restrictions: Honours Form Required.
Requisite Courses: 6 credit hours in 2000-level FRENCH language/linguistics or permission of the instructor [prerequisite(s)].

LING-4302 (3) Syntax of Modern French (3 hrs Lecture) This course focuses on modern French syntax in a functional perspective: morphological, distributional and syntactic criteria are used to define word classes; the functions of words and syntagms in simple and complex sentences are examined (e.g., primary/secondary function, nominal expansion, cognate object, syntagm type), as well as verbal valency and forms (e.g., passive, pronominal, impersonal). This course also presents various descriptive concepts (e.g., grammaticality, macro-/micro-syntax, coalescence, degrouping) and a brief comparison with other approaches (e.g., transformational-generative, cognitive). Coursework includes sentence production and sytactic analyses of literary and non-literary texts.
Cross-listed: FREN-4112(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-4112 | FREN-4206 | LING-4304.
Requisite Courses: FREN-2109 and a minimum of 3 credit hours in French Studies at the 3000 level and permission of the French Department Chair [prerequisite(s)].

LING-4303 (3) Géolinguistique Française (french Geolinguistics) (3 hrs Lecture) This course presents contemporary varieties of French in Canada and other parts of the Francophone World. After a brief introduction to linguistic change from early dialects to today's international norm, the course focuses on regional variation particularly in Canada and North America , major geolinguistic concepts (e.g. regionalism, isogloss), and

fieldwork methods. Sound documents are explored for their vocabulary and grammar, to help students expand their communication skills in different environments, as they become more familiar with different varieties of French. The Honours level concentrates on methodology and linguistic data analysis (e.g. lexicometry, linguistic atlases).
Cross-listed: FREN-4202(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3202 | FREN-4202 | LING-3303.
Requisite Courses: 6 credit hours of 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

LING-4304 (3) French Morphology and Syntax (3 hrs Lecture) Based on the analysis of modern French, this course presents fundamental linguistic concepts, including nature and types of monemes, distributional and syntactic properties of morphemes, and the French verbal system (mood, tense and aspect). The syntax of simple, compound and complex sentences is studied in a transformational-generative perspective, as it applies to French. At the Honours level, in FREN-4206/LING-4304, additional approaches (mainly the functional and the cognitive) are used to examine complex utterances in various oral and written styles.
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-4112 | FREN-4206 | LING-4302.
Requisite Courses: 6 credit hours of 2000-level French language/linguistics or permission of instructor [prerequisite(s)].

LING-4305 (3) Studies in Bilingualism (3 hrs Lecture) This course explores three major aspects of bilingualism: the context, the learner, and the writer. The context section introduces historical and geographical aspects of bilingualism (e.g. official/unofficial bilingualism in the Francophone world), and resulting sociolinguistic situations (e.g. diglossia/bilingualism). The main section of the course focuses on the bilingual learner (e.g. multilingual acquisition, compound bilingualism, the active lexicon in Franco-Manitoban and immersion schoolchildren). The concluding section examines examples of bilingual writing (e.g. Beckett, Green, Leveille).
Cross-listed: FREN-3205(3), FREN-4205(3), and LING-3305(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3205 | FREN-4205 | LING-3305 | RHET-3156.
Requisite Courses: 6 credit hours in 2000-level French Studies courses [prerequisite(s)].

MATHEMATICS

MATH-0031 (0) Math Access for Early/Middle Teachers (3 hrs Lecture | 1.25 hrs Lab) This course covers selected topics from the K-12 math curriculum in preparation for the course MATH-2903. Topics include the real number system, integer and fraction arithmetic, proportions and percentages, exponents, the distributive property, solving linear equations, basic geometry, the Pythagorean theorem and the Cartesian coordinate system. A grade of C+ or higher in this course can be used to satisfy the prerequisite for MATH-2903 but this course cannot be used as a prerequisite for MATH-0042 or any other mathematics course.
Note: This is a non-credit course offered over 12 weeks.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: MATH-0031L (lab) (must be taken concurrently).

MATH-0041 (0) Mathematics Access I (3 hrs Lecture | 1.25 hrs Lab) This course covers mathematics from school math courses. Topics include the real number system, integer and fraction arithmetic, exponents and radicals, polynomial arithmetic and algebraic expressions, rational expressions, equation-solving techniques, coordinate geometry, lines, functions, and geometry of right-angled triangles. A grade of C+ or higher in this course can be used in lieu of an Applied Math 40S prerequisite for MATH-2903. The two courses, MATH-0041 AND MATH-0042 can be used in lieu of Pre-Calculus 40S Mathematics for all university prerequisites. This course may be audited by students who have passed Applied Math 40S, Pre-Calculus 30S or Pre-Calculus 40S.
Note: This is a non-credit course offered over 12 weeks. Students who are registered in high school may not register in this course. *STUDENTS IN THE FACULTY OF EDUCATION WHO NEED THE PREREQUISITE FOR MATH-2903 SHOULD TAKE MAKE-0031*
Requisite Courses: MATH-0041L (lab) (must be taken concurrently).

MATH-0042 (0) Mathematics Access II (3 hrs Lecture | 1.25 hrs Lab) This course covers mathematics from high school pre-calculus courses. Topics include the binomial theorem, fractional equations, factorization of polynomials, the Fundamental Theorem of Algebra, synthetic division, complex numbers, inequalities, relations and functions, exponential and logarithmic functions, circular functions, trigonometry and sequences and series. This course can be used in lieu of Pre-Calculus 40s Mathematics for all university prerequisites. This course may be audited by students who have passed Pre-Calculus 40S.
Note: This is a non-credit course offered over 12 weeks. Students who are registered in high school may not register in this course.
Requisite Courses: A minimum grade of 65% in Pre-Calculus 30S or MATH-0041 or permission of the Department Chair [prerequisite(s)]; MATH-0042L (lab) (must be taken concurrently).

MATH-1101 (6) Introduction to Calculus (3 hrs Lecture | 1.25 hrs Lab) This course covers calculus of a function of one variable. Topics covered include limits, continuity, differentiation and integration of elementary functions (algebraic, exponential, logarithmic, trigonometric and inverse trigonometric), indeterminate forms and l'Hospital's Rule, and improper integrals. Applications covered include maximization and minimization problems, related rates, curve sketching, area, volume, and arc length. Notes: The material covered in this course is equivalent to the combined material from MATH-1103(3) Introduction to Calculus I and MATH-1104(3) Introduction to Calculus II. Students who have not obtained a minimum grade of 60% in Pre-Calculus 40S are strongly advised to take MATH-0042 Mathematics Access II prior to registering in MATH-1101(6).
Restrictions: Students may not hold credit for this course and MATH-1102 | MATH-1103 | MATH-1104.
Requisite Courses: Pre-Calculus Mathematics 40S or MATH-0042 or the former MATH-0040 [prerequisite(s)]; MATH-1101L (lab) (must be taken concurrently).

MATH-1102 (3) Basic Calculus (Terminal) (3 hrs Lecture | 1.25 hrs Lab) This course covers a portion of the calculus of a function of one variable. Topics covered include: limits, continuity, differentiation and integration of elementary functions (algebraic, exponential, logarithmic). Applications covered include: maximizing and minimizing problems, curve sketching, and area.
Note: Students intending to take senior courses in Mathematics, Statistics, Physics, Chemistry, or similar scientific and technical areas should not take MATH-1102 (which is a terminal course). Such students should take MATH-1101 (6) or both MATH-1103(3) AND MATH-1104(3).
Restrictions: Students may not hold credit for this course and MATH-1101 | MATH-1103 | MATH-1104.
Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S or MATH-0042 [prerequisite(s)]; MATH-1102L (lab) (must be taken concurrently).

MATH-1103 (3) Introduction to Calculus I (3 hrs Lecture | 1.25 hrs Lab) This course covers differential calculus of a function of one variable. Topics include limits, continuity, and the differentiation of elementary functions (algebraic, trigonometric, inverse trigonometric, exponential and logarithmic functions). Applications include curve sketching, optimization problems, and related rate problems. The combined material from MATH-1103(3) Introduction to Calculus I and MATH-1104(3) Introduction to Calculus II is equivalent to MATH-1101(6) Introduction to Calculus.
Note: Students who have not obtained a minimum grade of 60% in Pre-Calculus 40S are strongly advised to take MATH-0042 prior to registering in this course.
Restrictions: Students may not hold credit for this course and MATH-1101 | MATH-1102.
Requisite Courses: Pre-Calculus Mathematics 40S or MATH-0042 or the former MATH-0040 [prerequisite(s)]; MATH-1103L (lab) (must be taken concurrently).

MATH-1104 (3) Introduction to Calculus II (3 hrs Lecture | 1.5 hrs Lab) This course covers single variable

integral calculus. Topics include: definite and indefinite integrals, the natural logarithm defined as an integral, L'Hôpital's rule, techniques of integration, and improper integrals. Applications covered include areas between curves, volumes of solids of revolution, and arc length of a curve. The combined material from MATH-1103(3) Introduction to Calculus I and MATH-1104(3) Introduction to Calculus II is equivalent to MATH-1101(6) Introduction to Calculus.
Restrictions: Students may not hold credit for this course and MATH-1101 | MATH-1102.
Requisite Courses: Minimum grade of C in MATH-1103 [prerequisite(s)]; MATH-1104L (lab) (must be taken concurrently).

MATH-1201 (3) Linear Algebra I (3 hrs Lecture) This is an introduction to fundamental results concerning systems of linear equations, matrices, determinants, properties of complex numbers, vector geometry, and vector space properties of n-dimensional Euclidean space.
Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S or MATH-0042 [prerequisite(s)].

MATH-1401 (3) Discrete Mathematics (3 hrs Lecture | 1.5 hrs Lab) This course covers logic (simple and compound statements, truth tables, logical equivalencies, quantifiers); proof methods (direct, contrapositive, contradiction); elementary set theory (subsets, unions, intersections, set difference, power sets, Cartesian products); basic number theory (divisibility, the division algorithm, and Euclidean algorithm); mathematical induction; relations (binary, equivalence -- including congruence modulo n, partial orders); functions (well-defined, one-to-one, onto, bijective, compositions, inverses, images and inverse images of sets); counting (inclusion-exclusion principle, addition and multiplication principles, pigeonhole principle, permutations, combinations, the binomial theorem). This course is intended for students planning to major in Mathematics.
Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S or MATH-0042 [prerequisite(s)]; MATH-1401L (lab) (must be taken concurrently).

MATH-2102 (3) Differential Equations I (3 hrs Lecture) This is an introduction to differential equations including the following topics: solution of first order equations, reduction techniques, and solution of nth order linear differential equations. Most applications considered will be from Physics.
Note: Students who have already completed MATH-1201(3) or the former MATH-2201(6) should inform registration staff that they have standing in one of the corequisite courses.
Requisite Courses: MATH-1101, or MATH-1103 and MATH-1104 [prerequisite(s)]; MATH-1201 (must be taken previously or at the same time as this course).

MATH-2103 (3) Differential Equations II (3 hrs Lecture) This course covers further concepts and methods of solving differential equations. The contents include: Laplace transform method, power and Frobenius series solutions, matrix methods for systems of linear differential equations, and an introduction to partial differential equations including the method of separation of variables.
Restrictions: Students may not hold credit for this course and MATH-2112.
Requisite Courses: MATH-2102 [prerequisite(s)]; MATH-2106 and MATH-2203 (must be taken previously or at the same time as this course).

MATH-2105 (3) Intermediate Calculus I (3 hrs Lecture) Topics covered are selected from the following list: Formal definition of a limit, limit theorems, sequences, infinite series (convergence tests, power series, Taylor's theorem), parametric equations.
Note: Mathematics majors are strongly advised to take this course in their second year. Restrictions (ineligible students): A student may not receive credit for both MATH-2105(3) and the former MATH-2101(6).
Requisite Courses: A minimum grade of C in MATH-1101(6) or in MATH-1104(3) [prerequisite(s)]; MATH-1201(3) or the former MATH-2201(6) (must be taken previously or at the same time as this course).

MATH-2106 (3) Intermediate Calculus II (3 hrs Lecture) Topics covered are selected from the following list: Polar coordinates, Multivariable functions (limits and continuity, partial derivatives, gradient,extrema, Lagrange Multipliers); Multiple integrals (double and triple integrals, applications, change of variable, cylindrical and spherical coordinates, jacobians); Vector functions; and Vector calculus.
Note: Mathematics majors are strongly advised to take this course in their second year.
Requisite Courses: MATH-2105 and MATH-1201 [prerequisite(s)].

MATH-2202 (3) Applied Algebra (3 hrs Lecture) This course will introduce students to modern applications of algebraic structures. It begins with a study of the fundamental properties of finite fields and their relationship with geometry. The course continues by studying such applications as error-correcting codes, cryptography, design of experiments and fast arithmetic.
Restrictions: Students may not hold credit for this course and MATH-2301.
Requisite Courses: MATH-1201 and MATH-1401 or permission of instructor [prerequisite(s)].

MATH-2203 (3) Linear Algebra II (3 hrs Lecture) This course covers finite dimensional vector spaces; linear transformations and matrices; change of bases; eigenvalues and eigenvectors; and diagonalization.
Restrictions: Students may not hold credit for this course and MATH-2201 | MATH-2221.
Requisite Courses: MATH-1201(3) and either MATH-1101(6) OR MATH-1103(3) [prerequisite(s)].

MATH-2501 (3) Introduction to Number Theory (3 hrs Lecture) This course explores properties of integers, linear Diophantine equations, Fermat's Theorem, congruences, and quadratic residues.
Requisite Courses: MATH-1401 and at least 3 additional credit hours in Mathematics at the 1000 level or above [prerequisite(s)].

MATH-2701 (3) Linear Optimization (3 hrs Lecture)

Topics for this course are selected from the Simplex algorithm, game theory, sensitivity analysis, duality theory, and efficient implementations of Simplex.
Restrictions: Students may not hold credit for this course and MATH-4702.
Requisite Courses: MATH-2203, or the former MATH-2221, or the former MATH-2201 or permission of the instructor [prerequisite(s)].

MATH-2803 (3) Scientific Computing for Mathematics (3 hrs Lecture) This course is an introduction to some of the many aspects of computers, from the design and implementation of computer hardware, machine language, compiler and language theory to the design, analysis, and implementation of algorithms. The course can be an introduction to computer programming (through a specific programming language such as C or C++) with focus on algorithms of importance to mathematics, e.g. numerical algorithms from Calculus such as Newton-Raphson, Simpson's rule, and numerical linear algebra. The course may also introduce students to specialized mathematical applications, e.g. MAPLE. Other topics may be covered at the discretion of the instructor.
Requisite Courses: MATH-1201, and MATH-1101 or MATH-1102 or MATH-1104 [prerequisite(s)].

MATH-2901 (3) History of Calculus (3 hrs Lecture) This course gives an overview of the main ideas of Calculus, together with their historical development. It will investigate issues such as the definition of Calculus; how and when it developed; what problems inspired its creation; and how it changed the way mathematicians and others think about mathematical knowledge. Readings of original sources in English translation may range from Babylonian mathematical tablets, through Euclid and the Greeks, past Galileo, Leibniz and Newton, to Cauchy, Riemann and Robinson.
Note: Education students in the Early, Early/Middle and/or Middle Years Streams cannot use this course to satisfy the math distribution requirement. For all other students, this course can be used to fulfill either the science requirement or the humanities requirement. Only ONE of MATH-2901 or MATH-2902 may be used towards degree credit.
Cross-listed: PHIL-2901(3).
Restrictions: Students may not hold credit for this course and PHIL-2901.
Requisite Courses: Pre-Calculus Mathematics 40S, or MATH-0042, or the former MATH-0040 [prerequisite(s)].

MATH-2902 (3) Mathematics Prior to 1640 (3 hrs Lecture) This course examines selected topics in mathematics and traces their development in the Old World prior to 1640. It focuses on the theory and methodologies of algebra, number theory, trigonometry, and combinatorics. As well, the course reviews geometry and number systems. Students are expected to solve problems and prove certain theorems.
Note: Education students in the Early, Early/Middle and/or Middle Years Streams cannot use this course to satisfy the math distribution. For all other students, this course can be used to fulfil either the science requirement or the humanities requirement. Only ONE of MATH-2901 or MATH-2902 may be used towards degree credit.
Requisite Courses: Pre-Calculus Mathematics 40S or MATH-0042 or the former MATH-0040 [prerequisite(s)].

MATH-2903 (3) Mathematics for Early/Middle Years Teachers I (3 hrs Lecture | 2 hrs Lab) This course is for prospective elementary or middle years teachers who wish to gain a thorough understanding of the mathematics underpinning many of the topics taught in the K-8 curriculum. Topics include discrete math (logic and deductive reasoning, proof techniques, sets), properties of number systems (natural numbers, rational numbers, irrational numbers, real numbers), number theory (algorithms, numeration systems, Euclidean algorithm, prime factorization, modular arithmetic, divisibility, greatest common factors and least common multiples), ratios and proportional reasoning and the role of algebra and functions in problem solving. Restriction: This course may not be used towards the major or minor requirement for a degree in Mathematics. Students who are not registered in the Faculty of Education may not register for this course.
Requisite Courses: Pre-Calculus Mathematics 40S, or MATH-0042 or the former MATH-0040, or a grade of 65% or higher in Applied Mathematics 40S or a grade of C+ or higher in MATH-0031 or MATH-0041 [prerequisite(s)]; MATH-2903L (lab) (must be taken concurrently).

MATH-2904 (3) Mathematics for Early/Middle Years Teachers II (3 hrs Lecture | 2 hrs Lab) This course is for prospective elementary and middle years teachers who wish to gain a thorough understanding of the mathematics underpinning many of the topics in the K-8 curriculum. Topics include probability and statistics (measures of centre and variation, permutations and combinations, probability rules, expected value), measurement (metric system and US measurement system, perimeter, area, volume, Pythagorean theorem), and Euclidean geometry (angles, polygons and 3-dimensional shapes, Euclid's axioms, congruence, Euclidean constructions, coordinate geometry, transformations of the plane).
Requisite Courses: MATH-2903 or 3 credit hours of mathematics at the 1000 level or above, excluding courses MATH-2901 and MATH-2902 [prerequisite(s)]; MATH-2904L (lab) (must be taken concurrently).

MATH-3101 (6) Advanced Calculus and Analysis (3 hrs Lecture) This course studies construction of the reals, uniform convergence and sup-norms, Stone-Weierstrass theorem, theory of integration, Fourier analysis, line and surface integrals, Green's, Gauss' and Stoke's theorems.
Requisite Courses: MATH-1401 and MATH-2106, and MATH-2203 or MATH-2221 [prerequisite(s)].

MATH-3103 (3) Methods in Advanced Calculus (3 hrs Lecture) This course covers methods and applications of advanced calculus. Topics are chosen from: differentiation and integration of vector valued functions; arc length and speed; curvature and general motion in 3-dimensional space; vector fields, line integrals and surface integrals; the fundamental theorems of vector analysis (Green's Theorem, Stokes' Theorem, and the Divergence Theorem); Fourier series and other topics in harmonic analysis.
Requisite Courses: MATH-2106 [prerequisite(s)].

MATH-3104 (3) Methods in Partial Differential

Equation (3 hrs Lecture) This is an introductory course on Partial Differential Equations that focuses on solutions using analytic and numerical methods, with applications in physics, chemistry, and biology. Topics include: first-order equations; classification and solution of second-order partial differential equations (elliptic, parabolic, hyperbolic); initial-value and boundary- value problems, Sturm-Liouville systems, and Green's function methods. Also, numerical methods for solving partial differential equations are introduced.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: MATH-2106 and MATH-2102 or PHYS-2105 and PHYS-2106 [prerequisite(s)]; MATH-2103 (recommended to be taken previously or at the same time as this course).

MATH-3202 (3) Group Theory (3 hrs Lecture) This course studies symmetry groups of regular polygons and Platonic solids, permutations and permutation groups; abstract groups, cosets, homomorphisms, subgroups, normal subgroups and quotient groups; isomorphism theorems, Sylow theorems, classification of finitely generated Abelian groups; group actions and counting with Burnside's lemma.
Restrictions: Students may not hold credit for this course and MATH-3201 | MATH-4201.
Requisite Courses: MATH-1401 and MATH-2203 or the former MATH-2221 or the former MATH-2201 [prerequisite(s)].

MATH-3203 (3) Linear Algebra III (3 hrs Lecture) This course introduces students to inner product spaces; properties of Hermitian and normal matrices; unitary matrices; factorization theorems; Schur's Theorem; the Spectral Theorem; the Cayley-Hamilton Theorem; and quadratic forms. At the discretion of the instructor, other advanced topics in linear algebra may be covered.
Requisite Courses: MATH-1401 and MATH-2203 (or the former MATH-2201) [prerequisite(s)].

MATH-3401 (3) Graph Theory (3 hrs Lecture) This course includes the following topics: graph isomorphism, shortest path problem, Euler tours, trees, graph colourings and bipartite matchings.
Restrictions: Students may not hold credit for this course and MATH-2011 | MATH-3403.
Requisite Courses: MATH-1401 or permission of the instructor [prerequisite(s)].

MATH-3402 (3) Combinatorics (3 hrs Lecture) This course includes the following topics: generating functions and recurrence relations, the principle of inclusion and exclusion, symmetric groups, finite fields, and combinatorial designs.
Restrictions: Students may not hold credit for this course and MATH-2022 | MATH-2402 | MATH-3601 | MATH-4403.
Requisite Courses: MATH-1401 and one of MATH-1102 or MATH-1101 or MATH-1103 or MATH-1104 [prerequisite(s)].

MATH-3412 (3) Introduction to Operations Research (3 hrs Lecture) This course provides a practical introduction to the formulation and solution of some economics and industrial problems using Operations Research models. It emphasizes model-building and problem-solving using computer packages. Topics covered are chosen from linear programming, transportation, assignment and transshipment problems, network models, integer programming, nonlinear programming, decision making, inventory models, and queuing theory.
Cross-listed: STAT-3412(3).
Restrictions: Students may not hold credit for this course and STAT-3412.
Requisite Courses: MATH-1201 or MATH-2201 or ECON-3201 or permission of the instructor [prerequisite(s)].

MATH-3611 (3) Mathematical Statistics I (3 hrs Lecture) The course provides students with a firm foundation in probability theory, which is necessary for a complete understanding of any advanced statistics. Topics include counting, joint and conditional distributions, random variables, and special distributions.
Cross-listed: STAT-3611(3).
Restrictions: Students may not hold credit for this course and STAT-3611.
Requisite Courses: STAT-1301 and STAT-1302 or the former STAT-1201, or both STAT-1501 and STAT-1601 or STAT-2001, and MATH-2106 or the former MATH-2101 [prerequisite(s)].

MATH-3612 (3) Mathematical Statistics II (3 hrs Lecture) This course studies the continuous probability distributions and their general properties, distributions of functions of random variables, sampling distributions, including t and F and introduction to estimation and theory of hypotheses testing.
Cross-listed: STAT-3612(3).
Restrictions: Students may not hold credit for this course and STAT-3612.
Requisite Courses: MATH-3611 or STAT-3611 [prerequisite(s)].

MATH-3701 (3) Numerical Methods (3 hrs Lecture with variable meeting hours) Methods for finding roots of functions, numerical differentiation and numerical integration, interpolation and polynomial approximation, solving systems of equations, and solving the initial value problem in ordinary differential equations are studied in this course. Computer programming is used to implement the relevant numerical algorithms.
Requisite Courses: MATH-2102, MATH-2106 (or the former MATH-2101) and MATH-1201 (or the former MATH-2201) or MATH-2203 or the former MATH-2201 [prerequisite(s)].

MATH-4001 (3 or 6) Directed Readings in Mathematics (3 hrs Directed Reading) This is a reading course available only to students in their third or fourth year. A topic is arranged by mutual written agreement between the student and a Supervisor. The student is required to meet the Supervisor weekly.
Note: Students must have a minimum GPA of 3.0 in all mathematics courses, at least one 3000-level course and

written permission of the instructor and the Department Chair.
Restrictions: Department Permission Required.
Requisite Courses: A minimum GPA of 3.0 in all Mathematics courses, at least one 3000-level Mathematics course and written permission of the instructor and the Department Chair [prerequisite(s)].

MATH-4003 (3) Topics in Mathematics (3 hrs Lecture) This course covers an area in mathematics as selected by the instructor. Possible topics may be in algebraic combinatorics, functional analysis, Galois theory, representation theory, or advanced topics in combinatorics, graph theory, measure theory, or topology. Students should consult the instructor or Department Chair for the current topic. This course may be repeated for credit when the topic varies.
Restrictions: Department Permission Required.

MATH-4101 (3) Complex Analysis (3 hrs Lecture) This course studies construction of the complex numbers from the reals, Cauchy's theorems, Laurent Series, evaluating line integrals by means of residues, Cauchy-Riemann equations, conformal mapping, harmonic functions, Riemann sphere, Riemann surfaces, analytic continuation and monodromy theorem.
Restrictions: Students may not hold credit for this course and MATH-3102.
Requisite Courses: MATH-2106 or permission of the instructor [prerequisite(s)].

MATH-4202 (3) Rings and Fields (3 hrs Lecture) This course is a study of field axioms, finite and infinite fields, integral domains, fraction fields, division rings, abstract rings, polynomial rings, PID's and UFD's, Galois Theory; solvability of cubic and quartic, unsolvability of the quintic and other classical mathematical problems.
Restrictions: Students may not hold credit for this course and MATH-3201 | MATH-4201.
Requisite Courses: MATH-3202 [prerequisite(s)].

MATH-4401 (3) Advanced Graph Theory, Networks and Combinatorial Optimization (3 hrs Lecture) Topics in this course are chosen from algorithmic complexity and problem classification, trees, distance invariants, Steiner trees, network flows and their applications, PERT networks, connectivity, optimal matchings, packings and coverings, colourings, perfect graphs and graph classes, planar graphs, extremal graph theory, and Ramsey theory.
Restrictions: Students may not hold credit for this course and MATH-3013.
Requisite Courses: MATH-3401 [prerequisite(s)].

MATH-4403 (3) Set Theory (3 hrs Lecture) This course introduces concepts of set theory essential to modern mathematics. Topics include axioms for sets, infinite sets, cardinality, ordinal and cardinal numbers, and ordered sets.
Restrictions: Students may not hold credit for this course and MATH-2402 | MATH-3402 | MATH-3601.
Requisite Courses: MATH-1401 and one of MATH-3401, MATH-3402, MATH-2201, MATH-2203, MATH-2501 [prerequisite(s)].

MATH-4601 (3) Introduction to Topology and Analysis (3 hrs Lecture) In this course the basic concepts of topology are studied in the setting of metric spaces: open sets, convergence, continuity, connectedness, compactness, and completeness. The emphasis will be on Euclidean spaces, normed linear spaces, and function spaces, where the concepts of topology apply to mathematical analysis. Connections with and applications to analysis will be emphasized throughout, such as the monotone convergence theorem, the intermediate value property, the Heine-Borel property, Baire category, uniform boundedness, and the fixed-point property for complete metric spaces.
Restrictions: Honours Form Required. Students may not hold credit for this course and MATH-3232 | MATH-3601.
Requisite Courses: MATH-3101 [prerequisite(s)].

MATH-4602 (3) Real Analysis (3 hrs Lecture) Topics covered in this course will include normed linear spaces, Banach spaces and Lp spaces, Lebesgue measure and integration. This course will also cover classical results such as the Stone-Weierstrass theorem and the Ascoli Theorem.
Restrictions: Students may not hold credit for this course and MATH-3602.
Requisite Courses: MATH-3101 (must be taken previously or at the same time as this course).

MATH-4603 (3) Topology (3 hrs Lecture) This course is a study of topological spaces and their applications. Topics to be studied will include separation axioms, covering properties, product spaces, quotient spaces, filters, nets, convergence, compactness and connectedness.
Restrictions: Students may not hold credit for this course and MATH-3602.
Requisite Courses: MATH-3101 (must be taken previously or at the same time as this course).

MATH-5041 (3) Numbers and Operations I (3 hrs Lecture) This course is a post-baccalaureate course designed to give K-8 classroom teachers a thorough understanding of topics in the K-8 curriculum and to link those concepts to topics covered in later years. Topics covered include history of number systems, laws of operations, standard algorithms for the base 10 system, arithmetic in other bases, rational numbers and decimals, ratios and percentages, divisibility rules and problem solving.
Note: Students must hold a B.Ed and be a classroom teacher. Student who do not hold a B.Ed at the time of registration may not receive credit for this course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

MATH-5042 (3) Numbers and Operations II (3 hrs Lecture) This course is a post-baccalaureate course designed to give K-8 classroom teachers a thorough understanding of topics in the K-8 curriculum and to link those concepts to topics covered in later years. Topics covered include rational numbers and decimals, prime and composite numbers, Fundamental Theorem of Arithmetic,

greatest common divisors, lowest common multiples, Euclidean algorithm, Pythagorean Theorem, irrational numbers and problem solving.
Note: Students must hold a B.Ed and be a classroom teacher. Student who do not hold a B.Ed at the time of registration may not receive credit for this course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: MATH-5041 [prerequisite(s)].

MATH-5043 (3) Geometry, Measurement, and Statistics (3 hrs Lecture) This course is a post-baccalaureate course designed to give K-8 classroom teachers a thorough understanding of topics in the K-8 curriculum and to link those concepts to topics covered in later years. Topics covered include points, lines and planes, units of measurement, properties of polygons, circles and solids, transformations, probability and data analysis.
Note: Students must hold a B.Ed and be a classroom teacher. Student who do not hold a B.Ed at the time of registration may not receive credit for this course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

MATH-5044 (3) Problem Solving and Algebra (3 hrs Lecture) This course is a post-baccalaureate course designed to give K-8 classroom teachers a thorough understanding of topics in the K-8 curriculum and to link those concepts to topics covered in later years. The focus is on developing symbolic manipulation and problem solving techniques. Topics covered include algebra techniques, modeling real-world situations with mathematics, standard and non-standard problem-solving methods, including Singapore bar-model technique, and developing word problems for K-8 students.
Note: Students must hold a B.Ed and be a classroom teacher. Student who do not hold a B.Ed at the time of registration may not receive credit for this course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: MATH-5042 [prerequisite(s)].

MENNONITE STUDIES

MENN-2101 (3) Mennonite Studies I (3 hrs Lecture) This course is a survey of the origins and history of the Anabaptists in Switzerland, the Netherlands, Germany, Prussia and Russia. Attention is given to the interaction of religion and culture in the history of European Mennonites.
Cross-listed: HIST-2108(3)and REL-2363(3).
Restrictions: Students may not hold credit for this course and HIST-2108 | REL-2363.

MENN-2102 (3) Mennonite Studies II (3 hrs Lecture) This course is a survey of the immigration and resettlement of Mennonites in Russia and in North and South America. The course includes a study of the origins and distinctive characteristics of particular Mennonite groups and conclude with a brief survey of Mennonites around the world.
Cross-listed: HIST-2109(3).
Restrictions: Students may not hold credit for this course and HIST-2109 | HIST-3109 | REL-2364.

MENN-2131 (3) History of Peace and Nonviolence I (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from ancient times to the 1700s. It focuses in particular on Europe, with special emphasis on the period from ancient Greece and Rome, to Early Modern times in Western Europe. The course also addresses history of peace in other parts of the world. Thus, it contrasts Christian traditions of nonviolence with those of Hindu, Buddhist and other eastern traditions. For case studies, the course examines Mennonite communities in 16th and 17th century Switzerland and the Netherlands.
Cross-listed: HIST-2131(3), CRS-2131(3).
Restrictions: Students may not hold credit for this course and CRS-2131 | HIST-2131.

MENN-2132 (3) History of Peace and Nonviolence II (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from the 1700s to the present. It focuses in particular on North America, but also covers selected events in other parts of the world. The course, thus, contrasts Christian traditions of nonviolence with those of aboriginal, secular, and eastern cultures. For case studies, the course examines Mennonite communities in 19th and 20th century Canada and the United States where Mennonites have embraced pacifism as a fundamental principle of social organization.
Cross-listed: HIST-2132(3) and CRS-2132(3).
Restrictions: Students may not hold credit for this course and CRS-2132 | HIST-2132.

MENN-3000 (6) Special Topics in Mennonite Studies (3 hrs Tutorial) This tutorial is designed to enable students to follow an aspect of Mennonite Studies in depth. The topic should be selected in consultation with the Professor. Offered on an individual basis to advanced students at the discretion of the Chair in Mennonite Studies.

MENN-3102 (3) Luther, Zwingli and Radical Reformers (3 hrs Lecture) This course deals with the relationship between the objectives and methods of the "mainline" reformers of the sixteenth century (mainly Luther and Zwingli) and those of the "radical" reformers (such as Thomas Müntzer, Andrew Carlstadt, and the Anabaptists), and assesses the historical results of this relationship.
Cross-listed: HIST-3216(3).
Restrictions: Students may not hold credit for this course and HIST-3216.

MENN-3108 (3) Gender and Mennonites (3 hrs Lecture) This course will examine the role of women and of men in the evolving Mennonite society. It will trace these gender roles amongst the Radical Anabaptists of Western Europe, the agrarian Mennonite communities in Russia and North America, and the modern, urban centres in North America. The course will examine patriarchal structures of Mennonite households, churches, and communities, but also focus on the ways in which women create mechanisms of autonomy and meaning within those structures. The ideas that comprise Mennonite femininity and masculinity will receive special attention. Gender will also be traced through the Mennonite life-cycle, commencing at childhood and tracked through times of youth, marriage, mid-age and retirement. The course will examine how Mennonite theological teachings, everyday language, modes of production, fertility rates, and national cultures affect ideas of gender in Mennonite society.
Cross-listed: HIST-3108(3).
Restrictions: Students may not hold credit for this course and HIST-3108.

MENN-3110 (3) Russia and the Mennonites (3 hrs Lecture) This lecture/seminar course deals with the history of the Mennonites in Imperial Russia and the Soviet Union from 1789 to 1989. Cultural, economic, and religious developments of the so-called 'Mennonite Commonwealth' in the nineteenth century and of the far-flung Mennonite communities in the Soviet Union during the twentieth century are emphasized and analyzed.
Cross-listed: HIST-3110(3).
Restrictions: Students may not hold credit for this course and HIST-3110 | MENN-3203.

MENN-3111 (3) Conflict and Mennonites (3 hrs Lecture) This course deals with the Anabaptist and Mennonite understanding and experience of pacifism throughout the centuries, with special emphasis on their dealings with nation-states, church schism, ethnic relations, and domestic abuse.
Cross-listed: HIST-3111(3).
Restrictions: Students may not hold credit for this course and HIST-3111.

MENN-3114 (3) Latin America and the Mennonites (3 hrs Lecture) This lecture/seminar course is a study of the founding and development of Mennonite communities in Central and South America. The focus is on problems European and Canadian Mennonites faced (and still face) in their attempt to establish an existence and identity in a predominantly Latin world. The course contrasts these conservative Mennonites to the more radical communities composed of indigenous Latin American Mennonites. In particular, it compares the manner in which the two groups

of Mennonites have responded to the social and economic issues of Latin America.
Cross-listed: HIST-3114(3).
Restrictions: Students may not hold credit for this course and HIST-3114 | MENN-3101.

MENN-3116 (3) Mennonites and World Issues (3 hrs Lecture) This lecture/seminar course studies Mennonite responses to the wider world, and examines changes that have taken place among Mennonites with regard to world issues over the course of history. These issues include: urbanization, environmentalism, poverty, mass culture, the communications revolution, the global economy, and family life. An emphasis is placed upon the Twentieth Century World.
Cross-listed: HIST-3116(3).
Restrictions: Students may not hold credit for this course and HIST-3116 | HIST-3301.

MENN-3126 (3) Environmental History & the Mennonites (3 hrs Lecture) This course takes a global perspective on environmental history, especially as it relates to nature and food production. Its focus is on 20th century, a time of immense change in agriculture and horticulture. It considers how new technologies, science, government policies and global markets related to local cultures, especially to religion and ethnicity. While global in nature, the course focuses on specific farm communities around the world. Particular attention is given to ways different kinds of "Mennonite" communities, with their ideas on non-violence and simplicity, related to land and nature.
Cross-listed: HIST-3126(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and HIST-3126.

MENN-3128 (3) Indigenous-Mennonite Relations (3 hrs Lecture) Indigenous-Mennonite Relations examines the history of the encounters between Indigenous societies and a European settler group. It focuses on specific encounters, first in Canada, but also in the United States, Mexico, Paraguay and Bolivia. It considers the intrusion on Indigenous lands of ethno-religious societies such as the Mennonites, and the evolution of attending social relations, including both inter-community co-operation and conflict. It examines respective worldviews, including ideas on non-violence, social equality, gender relations, racialization and land stewardship. The course considers recent cross-cultural exchanges, including Mennonite advocacy, Indigenous counter-cultures, and persisting relations between the two cultures.
Cross-listed: HIST-3128(3).
Restrictions: Students may not hold credit for this course and HIST-3128.

MENN-3150 (3) Mennonite Community and Development (3 hrs Seminar/Discussion) This course analyzes the experiences of the Mennonite community in service and peace work. It highlights the values, approach, and methods particular to Mennonite humanitarian work. The Mennonite tradition of holistic development emphasizes individual transformation (providing the tools for indigenous development) and social transformation (involving all peoples in creating local, national, and global systems that are just). The work of Mennonite organizations such as the Mennonite Central Committee and the Mennonite Economic Development Agency, of ecumenical organizations such as the Canadian Foodgrain Bank and InterChurch Action, and of inter-organizational groups such as SEED Winnipeg will provide examples for student reflection and analysis.
Cross-listed: IDS-3150(3).
Restrictions: Students may not hold credit for this course and IDS-3150.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

MENN-3202 (3) The Mennonite Image in World Literature (3 hrs Lecture) This course deals with selected German and non-German authors who have treated the Mennonites as a major theme in their fiction. The following authors, among others, will be studied: H.J.C. von Grimmelshausen, Gottfried Keller, Theodor Fontane, Cæsar von Arx, Friedrich Dürrenmatt, and Sandra Birdsell.

MENN-3212 (3) Fact, Fiction, and Images: Interpreting Manitoba Mennonites (3 hrs Lecture) This course introduces the student to a wide variety of historic Manitoba Mennonite writers. It includes authors of personal writings, authors or historic works from a variety of disciplines, and authors of poetry and historical fiction. This course analyzes the texts of these authors from the perspective of history, asking what light they shed on the lived experience of Mennonites in Manitoba and how specific historical times might have informed those writings. The course suggests a broad definition of "author", recognizing that all texts are literary constructions, employing particular media to make sense of the Mennonite worlds in Manitoba.
Cross-listed: HIST-3212(3).
Restrictions: Students may not hold credit for this course and HIST-3212.

MENN-3452 (3) Anabaptism and Evangelicalism (3 hrs Lecture) This course will seek to understand both Evangelicalism and Anabaptism in light of recent historiography. Considerable attention will be given to the development of fundamentalism and evangelicalism in the past century in order to provide a basis for understanding the distinctive and common elements of the two traditions.

MENN-3541 (3) Mennonites in Canada (3 hrs Lecture) This course will survey major developments in Canadian Mennonite communities from 1786 to the present. It will trace the following themes: the Swiss American and Russian roots of Canadian Mennonites; community formation in Ontario and Western Canada; Anabaptism in every day life (especially the way it was played out in the family); theological developments in the late nineteenth and early twentieth centuries; the survival of Mennonite faith distinctives in the urban and socially-integrated Canadian society since World War II. Special emphasis will be placed on establishing the unique features of Canadian Mennonite experience.

Cross-listed: HIST-3541(3).
Restrictions: Students may not hold credit for this course and HIST-3541.

MENN-4535 (6) Immigration and Ethnicity in Canada and the United States (3 hrs Seminar/Discussion) This research seminar examines the history of immigration to North America between 1860 and 1960. The course focuses on the nature of migration patterns and the adaptation of immigrants to the new world, especially the rise of ethnic identities. The course discusses the similarities and differences in the Canadian and American immigrant experience.
Cross-listed: HIST-4535(6).
Restrictions: Students may not hold credit for this course and HIST-4535.

MODERN LANGUAGES & LITERATURES

MOD-1101 (6) Introduction to Dutch Language and Culture (3 hrs Lecture | 1 hrs Lab) Dutch is spoken not only in The Netherlands, but around the world and even in Canada. Winnipeg itself is home to a large Dutch migrant population. This course in Dutch language and culture is designed for students who have no previous knowledge of the language and who wish to acquire a command of written and spoken Dutch and knowledge of Dutch culture. Its aim is to provide a solid base in vocabulary, grammar, pronunciation and cultural knowledge. Regular oral practice and computer exercises supplement the course and give the student additional practice in Dutch.
Note: Native Dutch speakers are not eligible to take this course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: MOD-1101L (lab) (must be taken concurrently).

MOD-2710 (3) Literature in Translation (3 hrs Lecture) This course focuses on modern non-English literary texts in English translation. Readings may be organized around a genre such as the novel; a critical approach such as post-colonialism or cultural studies; a period such as Romanticism; or specific literary traditions in languages such as French, German, Spanish, and Italian. Students should consult the Department of Modern Languages and Literatures for a description of the current offering. This course may be repeated for credit when the topic varies.
Cross-listed: ENGL-2710(3), SPAN-2710(3), SPAN-3710(3).
Restrictions: Students may not hold credit for this course and ENGL-2710 | SPAN-2710 | SPAN-3710.
Requisite Courses: SPAN-2180(3) or FREN-2180(3) or GERM-2209 (3) or 6 credit hours of First-Year English [prerequisite(s)].

MULTIDISCIPLINARY

MULT-0999 (1) Junior Research Scholar (Variable Meeting Hours) This course is designed for students wishing to gain experience in university research prior to commencing their university program. Students work with a university professor on a mutually agreeable research topic. The course is offered on a pass/fail basis. This course may be repeated to a maximum of 3 credit hours in total. Restriction: This course may be used as an elective credit towards a degree, but is not intended to meet major requirements of General Degree requirements for any program.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Instructor Permission Required.

MULT-1000 (3) Introduction to University (3 hrs Lecture) This course serves as a prepatory course for university studies or as a support course taken concurrently with initial enrolment. Students become familiar with the nature and demands of university study, and acquire personal strategies and attitudes that enhance their first-year experience and their ability to function effectively in a university environment. Students also develop practical and effective learning, study, and time management skills, and learn how to apply strategies to aid in the writing of tests and exams. There are opportunities to practice such as note-taking, organizing information, essay writing, public speaking and class participation, and conducting research.

MULT-1005 (6) Concepts in Science (3 hrs Lecture) This course explores science at a qualitative level from this interdisciplinary viewpoint, with an aim to foster scientific literacy and develop critical thinking skills that are so crucial in today's society. Topics are drawn from biology, chemistry, geography, and physics, and range from the large - the universe, the earth, and ecosystems - to the small - cells, molecules, and atoms. Emphasis is placed on the unifying concepts running through such diversity, with activities and demonstrations forming an integral component.
Cross-listed: BIOL-1005(6) and PHYS-1005(6).
Restrictions: Students may not hold credit for this course and BIOL-1005 | PHYS-1005.

MULT-1200 (3) Walls-To-Bridges: Studing Together At Corrections Facilities (3 hrs Lecture) Grounded in lived realities of criminalization and imprisonment, this course is offered at the correctional sites on various topics. Classes bring together campus-enrolled and incarcerated students. Emerging out of the American Inside-Out model, the Canadian Walls to Bridges program (W2B) engages with Freirian principles and Indigenous pedagogy, and anti-racist practice. The course is taught by W2B trained University of Winnipeg faculty. Students are interviewed before they are given permission to take the course.
Note: This course may be repeated for credit when the topic varies. Restriction: Students must receive clearance from the corrections facility where the course is being held.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Instructor Permission Required.

MULT-2119 (3) Summer Institute in Diseases and Policy (2 hrs Lecture | 1 hrs Seminar/Discussion) A team of professionals presents advances to students on biomedical, clinical, diagnostic, epidemiological, sociological, and other aspects of diseases and health conditions, including indigenous healing. The course evaluates their impacts on the well-being of the global populace. Human rights, aboriginal and indigenous issues, gender, sexuality, human potential, economics, business and development, etc, are addressed. Lectures and round table discussions engender dialogue. Principles of "Responsibility to Protect" and "Strategic Engagement" are explored in developing public policy, to entrench global health and the other noble values. Assignments differ at each level. This course can be repeated for credit when the topic varies.
Cross-listed: BCHM-2119(3).
Restrictions: Instructor Permission Required. Students may not hold credit for this course and BCHM-2119 | MULT-4119.
Requisite Courses: 30 credit hours in an undergraduate program; including at least 3 credit hours of 2000 level (or higher) in Biology, or permission of the instructor [prerequisite(s)].

MULT-2219 (3) Health, Disease and Development (2 hrs Lecture | 1 hrs Seminar/Discussion) Students are taught by experts in domains of wellness, ill-health, disease, injury, mental health, etc.; especially as these impact the state of less privileged and marginalized peoples, correlating with human and economic development. Spirituality and Indigenous healing practices also come into focus. The pathophysiology of infectious and non-infectious diseases is addressed. Strategies and paradigms are explored towards evolving policies to empower larger populations towards attaining favourable health status engendering meaningful development and self-determination, enhanced productivity, social security, entrenchment of human rights, and other such correlates of quality of life. Assignments differ at each level. Graduate students must develop policy.
Cross-listed: MULT-4219(3), BCHM-2219(3), BCHM-4219(3). Restrictions: Students taking this course may not receive credit for MULT-4219 or MULT-7319.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and BCHM-2219 | BCHM-4219 | MULT-4219.
Requisite Courses: 30 credit hours in an undergraduate program, including at least 3 credit hours of 1000 level (or higher) Biology; or permission of the instructor [prerequisite(s)].

MULT-3001 (3) Ethics of Globalization (3 hrs Seminar/Discussion) This course examines the ethical bases and moral philosophical foundations which underpin and justify globalisation. Perspectives include Kantian theory, virtue theory, natural law theory, feminist ethics, utilitarian theory and Rawls' concepts of justice. We also examine current globalization assumptions and practices in terms of fundamental ethical principles, paying attention to a comparative analysis of Canadian and American experiences. Whenever possible, we attempt to examine, understand, and deal with non-Western standards of ethics including those of aboriginal groups and other cultures, traditions, and religions that possess ethical frameworks far different from those of the West.
Restrictions: Instructor Permission Required.
Requisite Courses: POL-2100, POL-2200, or PHIL-2200 [prerequisite(s)].

MULT-3900 (3 or 6) Topics in Multidisciplinary Studies (3 hrs Lecture) This course allows students to study a multidisciplinary topic. The topic may be one which is multidisciplinary so as not to be contained within the curriculum of a particular Department or Program. It may also be cross-listed with an existing course in which registration would be inappropriate for students not admitted to a restricted-entry program, but from which students in other programs could benefit. This course may be repeated for credit if the topic varies.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

MULT-4119 (4.5) Summer Institute in Diseases and Policy (3 hrs Lecture | 1.5 hrs Seminar/Discussion) A team of professionals presents advances to students on biomedical, clinical, diagnostic, epidemiological, sociological, and other aspects of diseases and health conditions, including indigenous healing. The course evaluates their impacts on the well-being of the global populace. Human rights, aboriginal and indigenous issues, gender, sexuality, human potential, economics, business and development, etc, are addressed. Lectures and round table discussions engender dialogue. Principles of "Responsibility to Protect" and "Strategic Engagement" are explored in developing public policy, to entrench global health and the other noble values. Assignments differ at each level. This course can be repeated for credit when the topic varies.
Cross-listed: BCHM-4119(4.5).
Restrictions: Instructor Permission Required. Students may not hold credit for this course and BCHM-4119 | MULT-2119.
Requisite Courses: 30 credit hours in an undergraduate program; including at least 3 credit hours of 2000 level (or higher) in Biology, or permission of the instructor [prerequisite(s)].

MULT-4219 (3) Health, Disease and Development (2 hrs Lecture | 1 hrs Seminar/Discussion) Students are taught by experts in domains of wellness, ill-health, disease, injury, mental health, etc.; especially as these impact the state of less priveleged and marginalized peoples, correlating with human and economic development. Spirituality and Indigenous healing practices also come into focus. The pathophysiology of infectious and non-infectious diseases is addressed. Strategies and paradigms are explored towards evolving policies to empower larger populations towards attaining favourable health status engendering meaningful development and self-determination, enhanced productivity, social security, entrenchment of human rights, and other such correlates of quality of life. Assignments differ at each level. Graduate students must develop policy.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and BCHM-4219 | MULT-2219.
Requisite Courses: 90 credit hours in an undergraduate program, including at least 3 credit hours of 1000 level (or higher) in Biology, or permission of instructor [prerequisite(s)].

MULT-4901 (3 or 6) Multidisciplinary Thesis (3 hrs Lecture) MULT-4901 (V) This course provides an opportunity for a student in a four-year of Honours multidisciplinary or Student-Designed program to do a final thesis or research project in which the content or topic does not fit within an existing department or interdisciplinary program. The requirements for such a course are expected to adhere to normal expectations and practice for undergraduate thesis. Students should consult their program advisor for more detail.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

MUSIC

MUS-1011 (3) Ensemble Practicum I (Choral) (Apprenticeship/Internship/Practicum with variable meeting hours) Ensemble is a rehearsal and performance practicum designed to introduce and develop the art of ensemble performance in choral music. Students perform a broad range of literature in many public events throughout the year.
Note: Previous experience as a chorister in an ensemble, or permission of the instructor.

MUS-1015 (3) Ensemble Practicum (Instrumental) (3 hrs Lecture) Ensemble is a rehearsal and performance practicum designed to develop the art of ensemble instrumental performance. Students perform a broad range of literature in many public events throughout the year.
Note: Those without previous experience as an instrumentalist in an ensemble should contact the instructor.

MUS-1500 (3) Music Appreciation (3 hrs Lecture) Over a century before his famous novel Les miserable inspired the celebrated Broadway musical, Victor Hugo recognized the unique, expressive nature of music. This course explores as many different musical genres as possible in order to achieve a broad understanding of how music reflects culture and society and crosses artistic boundaries to express, as Hugo aptly articulated, "that which cannot be said and on which it impossible to be silent." The central objectives of this course are to encourage active listening skills and informed personal and communal responses to music through study of musical language, history, idioms, style, and trends.
Cross-listed: THFM-1500(3).
Restrictions: Students may not hold credit for this course and THFM-1500.

MUS-2011 (3) Ensemble Practicum (Choral) (3 hrs Lecture) Ensemble is a rehearsal and performance practicum designed to develop the art of ensemble instrumental performance. Students perform a broad range of literature in many public events throughout the year. This course may be repeated for credit once.
Note: those without previous experience as an instrumentalist in an ensemble should contact the instructor.
Cross-listed: THFM-2011(3).
Restrictions: Students may not hold credit for this course and THFM-2011.

PHILOSOPHY

PHIL-1001 (6) Introduction to Philosophy (3 hrs Lecture) This course is a historical introduction to basic philosophical problems and methods. It considers central questions in ethics, religion, politics, knowledge, and metaphysics, e.g., are humans selfish by nature? Is moral decision-making rational? Does God exist? What is the meaning of life? What are the principles of correct reasoning? Is knowledge the same thing as perception? Is the real world different from the world as it appears to us? What are space and time? Do we have free will, or are our choices completely deteremined by forces outside of us? Philosophers discussed may in clude: Plato, Aristotle, Aquinas, Descartes, Hume, and Kant.
Note: PHIL-1301(6) and either PHIL-1001(6) or PHIL-1002(6) may be taken for degree credit.
Restrictions: Students may not hold credit for this course and PHIL-1002 | PHIL-1003.

PHIL-1002 (6) Values and the Human Condition (3 hrs Lecture) This course introduces philosophical inquiry by examining how some philosophers in the Western Philosophical tradition understand human nature and the values that provide competing accounts of how to live well. Questions addressed may include: What is it to be human? What is the good life? Are human beings uniquely rational? Are we inherently independent or social? Is human value dependent upon God? Do we have moral and/or political responsibilities? Can we acquire the knowledge we need to achieve the good life? Is there life after death? Philosophers may include: Plato, Aristotle, Aquinas, Mill, Kant, Kierkegaard, Sartre as well as contemporary philosophers.
Note: PHIL-1301(6) and either PHIL-1001(6) or PHIL-1002(6) may be taken for degree credit.
Restrictions: Students may not hold credit for this course and PHIL-1001 | PHIL-1003.

PHIL-1301 (6) Introduction to Logical Reasoning (3 hrs Lecture) This course develops critical thinking skills that are indispensable to the study of most academic disciplines. It provides an understanding of basic logical principles, methods for analyzing and evaluating arguments, as well as strategies for constructing well-reasoned arguments. Arguments for analysis and practicing reasoning skills come from everyday life, academic disciplines, and the philosophical tradition. Topics may include: deductive and inductive reasoning, validity and soundness, inductive strength and cogency, formal and informal fallacies, argument mapping, categorical logic, Venn diagrams, truth tables, sufficient and necessary conditions, theories of truth, and essay writing.
Note: PHIL-1301(6) and either PHIL-1001(6) or PHIL-1002(6) may be taken for degree credit.
Restrictions: Students may not hold credit for this course and PHIL-2301 | PHIL-2302.

PHIL-2002 (3) History of Philosophy: Classical (3 hrs Lecture) This course is the study of a limited but representative selection of classical philosophers, especially Plato and Aristotle. The readings will focus on a variety of philosophical problems. The contributions of the different thinkers will be critically evaluated and the influence of earlier thinkers on subsequent philosophical thought will be explored.

PHIL-2003 (3) History of Philosophy: Early Modern (3 hrs Lecture) This course is the study of a limited but representative selection of modern philosophers from the time of Descartes to the time of Kant. The readings will focus on a variety of philosophical problems. The contributions of the different thinkers will be critically evaluated and the influence of earlier thinkers on subsequent philosophical thought will be explored.

PHIL-2004 (3) History of Philosophy: 19th Century Continental (3 hrs Lecture) This course examines a limited but representative selection of Continental philosophers and themes from the 19th and 20th centuries. The philosophers may include such figures as Hegel, Schopenhauer, Comte, Marx, Kierkegaard, Nietzsche, and Bergson. Possible themes are the idea of historical development, the competing claims of the sciences and the humanities, the attack on reason and objectivity, the assertion of the primacy of the will, and the analysis of the human condition.

PHIL-2005 (3) History of Philosophy: Recent Anglo-American (3 hrs Lecture) This course examines a limited but representative selection of English-speaking philosophers and themes from the 19th and 20th centuries. The philosophers may include Mill, Bradley, James, Dewey, Royce, Collingwood, and Russell. Possible themes are theories of meaning and truth, the relation between perception and reality, the controversy between science and religion, and values in a social context.

PHIL-2010 (3) History of Philosophy: Existentialism (3 hrs Lecture) This course explores characteristic existentialist themes including notions of human freedom, anxiety, self-deception, authenticity, and the limits of meaning and knowledge. We consider such representative thinkers as Kierkegaard, Nietzsche, Heidegger, Sartre, de Beauvoir, and Camus.
Restrictions: Students may not hold credit for this course and PHIL-2007.

PHIL-2012 (3) History of Philosophy: Medieval Latin (3 hrs Lecture) This course examines selected philosophical works in the Latin traditions from the time of Augustine to the end of the 14th century. Topics in moral and political philosophy, logic and metaphysics, epistemology, philosophy of science, and philosophical theology may be discussed. The influence of earlier Arabic and Hebraic thinkers on subsequent Latin philosophical thought is explored.
Restrictions: Students may not hold credit for this course and PHIL-3503.

PHIL-2020 (3) History of Philosophy: Renaissance (3 hrs Lecture) This course examines the philosophical thought of the European Renaissance, from 1400 to 1600. Themes include the Renaissance recovery of classical

Greek philosophy, the Renaissance interpretation and development of Arabic (Islamic and Judaic) philosophy, mathematics, science and Renaissance humanism. Authors include: Petrarch, Pico, Nicholas of Cusa, Marsillo Ficino, Erasmus, Thomas More, Bacon, Galileo, and Machiavelli.

PHIL-2200 (6) Social and Political Philosophy (3 hrs Lecture) This course is a critique of attempts to give ethical justification for social institutions and practices. Why should one obey the state? When is disobedience justified? Are there any inalienable and absolute human rights? What are the conditions and limits of liberty? Why and when is it moral to punish? Is free enterprise consistent with principles of justice? Is it ever right to engage in war? Readings will include the work of some of the following: social contract theorists, utilitarians, Hegelians, Marxists, existentialists, and analytic philosophers.
Cross-listed: POL-2200(6).
Restrictions: Students may not hold credit for this course and PHIL-2205 | POL-2200.

PHIL-2201 (6) Moral Philosophy (3 hrs Lecture) This course will examine representative moral ideas and standards of human conduct, with some consideration of their practical relevance. Topics that may be considered are the nature of morality, conceptions of the good life, virtues and vices, the justification of moral standards, moral relativity and scepticism, the bearing of behavioural studies on moral judgment and the validation of standards, and the question of freedom and moral responsibility. Readings will be selected from both classical and contemporary sources.

PHIL-2202 (3) Health Care and Bioethics (3 hrs Lecture) This course examines bioscience and medical ethical issues from Western moral and legal perspectives. Topics may include: abortion, euthanasia, stem cell research, cloning, gene therapy, the genetic manipulation of organisms, the distribution of scarce medical resources, patient confidentiality, competency criteria, the physician-patient relationship, patient right to information and the truth, the definitions of life and death, new reproductive technologies, and the debate between public and private health care.
Note: PHIL-2202(3) was previously titled Ethics in Medicine and Law

PHIL-2207 (3) Philosophy of Law (3 hrs Lecture) Typical problems are the nature and function of law, the relations between law and morality, and the examination of legal concepts and legal reasoning. There will be some discussion of the actual function of law in society.
Requisite Courses: Any introductory course in Philosophy or permission of the instructor [prerequisite(s)].

PHIL-2208 (3) War and Peace (3 hrs Lecture) This is a study of the ethical issues connected with war and the securing of peace, as articulated in the writings of major philosophers such as Plato, Aristotle, Aquinas, Hobbes, Kant, James, Russell, and Camus, and perhaps selected political and military thinkers such as Machiavelli and Clausewitz. Relevant moral theories such as the ethics of non-violence, the idea of a holy war, the theory of the just war, and the doctrine of deterrence will be critically examined both in their historical context and in the context of the nuclear age.

PHIL-2211 (3) Philosophy of History (3 hrs Lecture) The course will include an examination of topics such as the following: significant answers to the question, "What is history," the relation between fact and value judgment in understanding history, the relevance of historical understanding for structuring our insight in to the human condition, the meaning of world history as a whole, and theories of historical explanation.

PHIL-2219 (3) Philosophy of Art (3 hrs Lecture) Through reading key theorists in the history of aesthetics, this course examines some of the fundamental problems in the philosophy of art, including those of the definition and purpose of art, the nature of beauty, the sources of genius and originality, the problem of forgery, and the possible connection between art and the moral good.
Restrictions: Students may not hold credit for this course and PHIL-2221.

PHIL-2220 (3) Philosophy of Literature (3 hrs Lecture) This course examines some of the philosophical problems posed by literature, i.e., the nature and function of literature, problems of interpretation and criticism, the place of authors' intentions in reading and understanding texts, and the possible role of literature in moral life.

PHIL-2230 (3) Moral Issues in Business (3 hrs Lecture) This course examines ethical issues arising from business practice. Possible discussion questions include: Does capitalism violate human rights? Are there limits to what can be bought and sold? Do corporations have moral as well as legal obligations? Does a just state ensure that all citizens have jobs? Does economic value trump the right to life? Is it permissible for a company to value shareholder profit above environmental protection? Should whistle blowers be protected? Is it fair to force private companies to adhere to affirmative action policies in the work place? Are lies and deceit in advertisements morally permissible?
Note: PHIL-2230(3) was previously titled Ethical Issues in Business

PHIL-2232 (3) Philosophy of Religion (3 hrs Lecture) This course is a philosophical examination of basic problems of religion and theology. Topics are selected from the nature and main forms of religion, the existence and nature of God, the claims of mystical and religious experience, the relation of religion and science, the relation of religion and morality, the problem of evil, human destiny, revelation and faith, and the nature of religious language.
Restrictions: Students may not hold credit for this course and PHIL-2231.

PHIL-2233 (3) Environmental Ethics (3 hrs Lecture) The course will examine principles and problems related to our responsibilities for the world in which we live. Typical topics may include the following: the implications of ecology for ethics, our obligations to future human generations, the varieties of value which might be found in the world of nature, and tensions between ideals of liberty and justice under conditions of scarcity.

Note: This is a required course for the Environmental Studies degree.

PHIL-2234 (3) Philosophy of Nature (3 hrs Lecture) This course considers hypotheses about the nature of things as suggested by recent developments in the physical and biological sciences coupled with philosophical speculation. How have modern theories of evolution, relativity, genetics, biochemistry, quantum mechanics, electromagnetism, and nuclear physics altered our understanding of the origins and nature of the cosmos? In the light of scientific theory and speculation on such topics, the course reassesses philosophical theories about space, time, matter, and life.

PHIL-2240 (3) Indigenous Justice Issues (3 hrs Lecture) This course in applied political theory examines various moral and political issues that are the basis for present conflicts between Indigenous Peoples and the Canadian state. Indigenous and Western philosophies provide contexts for critically examining past and present relationships and for considering how to move into more just relationships. Topics may include: treaty rights, colonization, the Indian Act, residential schools, Aboriginal rights, racism, restorative justice, and the United Nations Declaration on the Rights of Indigenous Peoples.
Cross-listed: IS-2240(3).
Restrictions: Students may not hold credit for this course and IS-2240.

PHIL-2251 (3) Philosophy of the Natural Sciences (3 hrs Lecture) Key issues in understanding and evaluating the enterprise of natural science form the subject matter. Questions dealt with might include the following: Is there a scientific method? Can scientific theories be tested against experience? What are the criteria for the acceptability of scientific theories? Is induction reliable? What are the "laws of nature" and how can they be known? Is a true scientific theory simply a useful tool in our search for power over nature, or does it also provide us with an accurate description of the world we live in?

PHIL-2252 (3) Philosophy of the Social Sciences (3 hrs Lecture) The course will be concerned with understanding the social sciences and psychology, with special emphasis on methodological issues. Possible topics are the following: theory construction in the human sciences, the influences of ideologies upon the methods and findings of these disciplines, the problem of objectivity, types of explanation, and the relation between explaining, predicting, and engineering human behaviour. Is it reasonable to look for laws of human behaviour on the basis of which we can engage in utopian social planning?

PHIL-2264 (3) Philosophy of Mind (3 hrs Lecture) This course is a consideration of philosophical problems concerning the mind, such as the nature of mental activity (consciousness, perception, thinking), personal identity, the relation of mind and body, and our knowledge of other minds. The bearing of psychology on these philosophical reflections will be considered.

PHIL-2281 (3) Philosophy of Education (3 hrs Lecture) This course is an examination of traditional and modern philosophical perspectives on the educational and learning process as applied to current practices.

PHIL-2291 (3) History of Educational Ideas (3 hrs Lecture) This course is a study of the development and implications of educational ideas from Plato to the present.
Note: This is a Support Course for the Education Program.

PHIL-2302 (6) Logic (3 hrs Lecture) This course studies the fundamentals of logic including (i) the basic elements of formal logic -- the classical logic of propositions and quantifiers and topics in some non-classical approaches, and (ii) the applied study of practical logic -- the evaluation and analysis of informal reasoning. Historical and Philosophical matters will be included.
Note: This course may not be used to fulfil the Humanities requirement.
Restrictions: Students may not hold credit for this course and PHIL-1301 | PHIL-2301.

PHIL-2901 (3) History of Calculus (3 hrs Lecture) This course gives an overview of the main ideas of Calculus, together with their historical development. It will investigate issues such as the definition of Calculus; how and when it developed; what problems inspired its creation; and how it changed the way mathematicians and others think about mathematical knowledge. Readings of original sources in English translation may range from Babylonian mathematical tablets, through Euclid and the Greeks, past Galileo, Leibniz and Newton, to Cauchy, Riemann and Robinson.
Note: This course may be used to fulfil either the Science requirement or the Humanities requirement.
Cross-listed: MATH-2901(3). Note: Education students in the Early, Early/Middle, and/or Middle Years Streams cannot use this course to satisfy the math distribution requirement. For all other students, this course can be used to fulfill either the science requirement or the humanities requirement. Only ONE of Math-2901 or MATH-2902 may be used towards degree credit.
Restrictions: Students may not hold credit for this course and MATH-2901.
Requisite Courses: Pre-Calculus Mathematics 40S, or MATH-0042, or the former MATH-0040 [prerequisite(s)].

PHIL-3100 (3) Epistemology (3 hrs Lecture) This course examines problems of knowledge. Topical investigations may include skepticism; knowledge and its relation to thought; experience, truth, and inference; subjectivity and objectivity; relativism and absolutism; and realism versus antirealism.
Restrictions: Students may not hold credit for this course and PHIL-2261.
Requisite Courses: 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3101 (3) Metaphysics (3 hrs Lecture) This seminar course examines problems of metaphysics. Topical investigations may include causation and determinism; necessity and possibility; identity and persistence, including personal identity; essence and essentialism; freedom and agency; ontology; substances and events; realism and antirealism; and the nature of time.
Restrictions: Students may not hold credit for this course

and PHIL-2261.
Requisite Courses: A minimum 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3215 (6) Philosophy and Social Reality (3 hrs Seminar/Discussion) This course is an enquiry into the relationship between the individual and society as seen by some historically important Western philosophers. The examination of this relationship discloses the extent to which theories of knowledge, reality, values, and society are interdependent.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3301 (6) Argumentation (3 hrs Seminar/Discussion) This course studies the principles and techniques of the critical interpretation and evaluation of argumentation. Topics studied include normative rules of reasoned discussions useful to resolve conflicts of opinion, and violations of such rules, i.e. informal fallacies and other faults of argumentation.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3304 (3) Philosophy of Language (3 hrs Lecture) This course focuses on the theory of signs, symbols, and meaning in language. Does meaning lie in a relation between language sign and an object in the world, in a internal state of consciousness, or in the pragmatic context of language use? Attention is given to various kinds and functions of language: descriptive and evaluative discourse, the language of logic and mathematics; and argumentation and reasoning in natural language. Through a study of natural language and computer languages the course asks what, if anything, is distinctively human in our language and other symbol systems.
Restrictions: Students may not hold credit for this course and PHIL-2372.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3500 (3) Philosophical Perspectives (3 hrs Seminar/Discussion) This course studies historical works by selected philosophers. Each course coherently focuses on an important thinker, a movement or school of thought, their predecessors and historical impact, and with comparisons to other thinkers strikingly similar or opposed in doctrine. The course avoids excessive specialization, but is built around the conviction that one good way to get breadth of philosophical insight is to move deeply into the spirit and world view of the great philosophers. For details on the topic to be studied, please contact the Philosophy Department.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3502 (3) History of Philosophy: Medieval, Arabic and Hebraic (3 hrs Lecture) This course examines the medieval Arabic and Hebraic interpretations of Greek thought, and the philosophical dialogue between Islamic and Jewish philosophers, with particular emphasis on questions of the nature of philosophy, politics and theology. Authors include al-Kindi, Averroes, al-Ghazali, ibn Tufayl, Avicenna, al-Farabi and Maimonides.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3504 (3) Plato and Before (3 hrs Lecture) Ancient Greek works of speculative and critical thought concerning the nature of reality, truth, beauty, goodness, knowledge, and human existence provide the material for study; with the greatest portion of time spent on the dialogues of Plato. Students are encourages to develop their own reflections on fundamental issues in response to the works read.
Restrictions: Students may not hold credit for this course and PHIL-4112.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3505 (3) Aristotle and After (3 hrs Lecture) Aristotle is the dominant figure in this course, but some attention is paid to philosophical developments in the Hellenistic and Medieval periods. This course is normally taken after PHIL-3504(3) but may be taken by students having some familiarity with the writings of Plato.
Note: Students who have not taken PHIL-3504(3) are encouraged to consult with the department prior to registration.
Restrictions: Students may not hold credit for this course and PHIL-4113.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3507 (3) 17th Century Philosophy (3 hrs Lecture) This course is a systematic study of leading philosophical thinkers of the 17th century, such as Descartes, Hobbes, Spinoza, Locke, Leibniz, and Berkeley.
Restrictions: Students may not hold credit for this course and PHIL-4114.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3508 (3) 18th Century Philosophy (3 hrs Lecture) This course is a systematic study of leading philosophical thinkers of the 18th century, such as Burke, Smith, Rousseau, Bentham, and Kant.
Restrictions: Students may not hold credit for this course and PHIL-4115.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3509 (3) 19th Century Philosophy (3 hrs Lecture) This course is a systematic study of leading 19th century European philosophers such as Hegel, Schopenhauer, Feuerbach, Nietzsche, Schiller, and Fichte.
Restrictions: Students may not hold credit for this course and PHIL-4116.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3510 (3) Anglo-American Philosophy (3 hrs Lecture) This course is a systematic study of leading 20th century Anglo-American philosophers such as Moore, Russell, Wittgenstein, Dewey, Carnap, Quine, Brandom, Rorty, McDowell, and Arendt. Topics may include common sense philosophy; logical atomism; logical positivism; logical

analysis; Oxford Linguistic Philosophy; pragmatism; and naturalism.
Restrictions: Students may not hold credit for this course and PHIL-4118.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3511 (3) Postmodern Philosophy (3 hrs Lecture) This course provides an overview of challenges to the philosophical tradition that developed in the twentieth century, including critiques of traditional notions and theories of epistemological and linguistic certainty, ethical and political normativity and justification, as well as the ideals of reason, truth, and progress. Thinkers discussed may include: Nietzsche, Heidegger, Kojève, Adorno, Horkheimer, Lyotard, Deleuze, Foucault, Derrida, and Rorty.
Restrictions: Students may not hold credit for this course and PHIL-4119.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3512 (3) Philosophy of Mind (3 hrs Lecture) This course examines key problems and developments in the philosophy of mind. Topics may include the mind-body problem; supervenience and reductionism; the nature of consciousness; theories of reference; subjectivity and self-knowledge; mental content and the nature of intentionality. Issues arising from cognitive science; neuroscience, and artificial intelligence may also be addressed.
Restrictions: Students may not hold credit for this course and PHIL-4276.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3513 (3) Topics in Ethics (3 hrs Lecture) This course critically examines a moral problem, theory, or theorist. Theorists may include: Plato, Aristotle, Locke, Hume, Mill, Kant, Moore, Anscombe, Nussbaum, Morito. Problems may include: notions of the good life, moral obligation, the scope of the moral community, the is/ought distinction, human rights.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3514 (3) Topics in Applied Ethics (3 hrs Lecture) This course systematically studies a contemporary ethical issue, exploring the ways contemporary philosophers attempt to resolve it. Topics may include: climate change and individual responsibility; entitlements of the poor and obligations of the rich; censorship and freedom of expression; crime and punishment; euthanasia; the right to privacy; employment and medical care; disability rights.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3515 (3) Topics in Political Philosophy (3 hrs Lecture) This course critically examines questions in political philosophy, both perennial and contemporary. Authors discussed may include: Plato, Aristotle, Hobbes, Rousseau, Locke, Mill, Marx, Rawls, Nozick, Strauss, Scruton, Taylor, Kymlicka, Turner. Problems may include: When are people a nation? When is a state illegitimate, Do the sovereignty claims of Indigenous Peoples trump those of nation states? What is a social contract? Do citizens have political obligations? Is democracy the only just form of government? Is civil society morally preferable to anarchy? What does justice require of a nation's economic and political institutions? What is the relationship between collective and human rights?
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3516 (3) Topics in Applied Political Philosophy (3 hrs Lecture) This course systematically studies a contemporary political question, exploring the ways in which contemporary philosophers have attempted to answer it. Topics may include, but are not limited to, duties of government and citizens; government intervention in the economy, including the collective bargaining process; security rights vs. liberty rights; genocide and state-sponsored terrorism; the treatment of linguistic and ethnic minorities; war and peace. Emphasis is on the theoretical resources that philosophers have available to them in thinking about the ideal society and forms of government.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-4117 (3) Topics in Continental Philosophy (3 hrs Lecture) This course is a systematic study of a problem, set of problems, or key figure(s) in contemporary continental philosophy. Possible themes include: the Foucault-Habermas debate; Derrida and/or Levinas' critique of Husserl; problems in contemporary continental ethics; the scope of hermeneutics; phenomenological method; theories of the self. Possible thinkers to be discussed include: Husserl, Heidegger, Gadamer, Habermas, Levinas, Derrida, and Foucault.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4131.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; and permission of the Programme Advisor [prerequisite(s)].

PHIL-4204 (3) Topics in Moral Philosophy (3 hrs Lecture) This course is a systematic study of a problem or set of problems in contemporary moral philosophy. Possible topics include comparison of normative theories (e.g., deontology, utilitarianism, and virtue ethics), freedom and moral responsibility, relativism, the nature of moral agency, and the nature and justification of moral judgments. The emphasis is on recent debates in moral philosophy; however, some reference is made to the historical roots of contemporary moral problems.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4202.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4266 (3) Topics in Epistemology (3 hrs Lecture) This course involves a systematic study of a problem or set of problems in epistemology. Topics may include

knowledge and justification; foundationalism and coherentism; perception, introspection, and memory; and skepticism.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4265.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4267 (3) Topics in Metaphysics (3 hrs Lecture) This course involves a systematic study of a problem or set of problems in metaphysics. Topics may include the nature or categories of being; substance; modality; problems of space and time; and free will.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4265.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4277 (3) Topics in Analytic Philosophy (3 hrs Lecture) This course is the study of a problem or set of problems in contemporary analytic philosophy. It may include works by Frege, Russell, Moore, Wittgenstein, Quine, Davidson, Putnam, and Sellars.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4275.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4501 (3) Topics in Aesthetics (3 hrs Lecture) This course provides a systematic study of a problem or set of problems in philosophical aesthetics. Possible topics include: contemporary theories of art; the nature of beauty; problems in the interpretation of art. In a given year, the course may focus specifically on one art form, such as music, architecture, or film; it may be dedicated to a problem that crosses formal boundaries, such as expression, intention, or authenticaly; or it may critically assess the work of a given aesthetic theorist or movement, such as the British 18th century or Formalism; Kant, Collingwood, or Danto.
Restrictions: Honours Form Required.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4502 (3) Special Topics Honours Seminar (3 hrs Seminar/Discussion) This course provides a forum for the close study of an area of philosophy that may not be covered by our regular course offerings, or that may reflect the current research interests of our facility. Topics may focus on a particular thinker of movement, a problem in philosophical method, or an emergent area of philosophical debate.
Restrictions: Honours Form Required.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4503 (3) Topics in the History of Philosophy (3 hrs Seminar/Discussion) This course involves a detailed critical investigation of a major figure, movement, or period within the history of philosophy, with particular attention to those not covered in the regular courses at the earlier levels. Topics may include, for example, Platonism, Aristotelian commentators, ancient neo-Platonists, 18th century British Empiricism, German idealism, the Vienna Circle, or a systematic study of a particular thinker.
Restrictions: Honours Form Required.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4504 (3) Topics in Social and Political Philosophy (3 hrs Seminar/Discussion) This course involves an investigation into contemporary problems or developments in social and political thought. Topics may include: classical political rationalism, Islamic political philosophy, multiculturalism, critiques of liberalism, contemporary Marxist debates, or problems of global justice and human rights. This course may equally concentrate on the work of a major figure, such as Taylor, Habermas, or Weil.
Restrictions: Honours Form Required.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4700 (3) Directed Individual Study (3 hrs Directed Reading) This course presents senior students with the opportunity for in-depth research and writing in a specific topic or problem area, selected by the student in consultation with a Faculty Advisor. The student will meet regularly with his/her Advisor to discuss the research in progress, and will submit a substantial paper on the topic at the end of term.
Note: A preliminary course description must be submitted in writing to the Instructor and Programme Advisor by the end of the first week of term.Only one Individual Study course may be taken for degree credit.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4900 | PHIL-4901.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4800 (6) Honours Thesis (3 hrs Lecture) To complete the Honours BA, students must undertake, normally in the final year of their study, a programme of research under the supervision of a member of the department. The thesis provides the student with the opportunity to design and complete an original research project on a subject of interest and relevance to the discipline. Students wishing to enrol in this course must first consult with the Programme Advisor to determine a thesis topic. Submission of the student's final work is

followed by an oral examination.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4900 | PHIL-4901.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHYSICS

PHYS-1005 (6) Concepts in Science (3 hrs Lecture) This course explores science at a qualitative level from this interdisciplinary viewpoint, with an aim to foster scientific literacy and develop critical thinking skills that are so crucial in today's society. Topics are drawn from biology, chemistry, geography, and physics, and range from the large - the universe, the earth, and ecosystems - to the small - cells, molecules, and atoms. Emphasis is placed on the unifying concepts running through such diversity, with activities and demonstrations forming an integral component.
Cross-listed: BIOL-1005(6) and MULT-1005(6).
Restrictions: Students may not hold credit for this course and BIOL-1005 | MULT-1005.

PHYS-1101 (6) Foundations of Physics I (3 hrs Lecture | 3 hrs Lab) This calculus-based course provides students with a working knowledge of the basic concepts underlying modern physics. Topics covered include the following: Introduction to Newtonian mechanics with special emphasis on the principles of conservation (i.e., energy and momentum); applications of Newtonian mechanics, including the simple harmonic oscillator and harmonic waves on a string; gravity theory, including planetary/satellite motion, escape velocity, gravity as curved spacetime and black holes; postulates of special relativity and their consequences; geometric optics applied to mirrors, lenses, and optical instruments; electromagnetic phenomena, including interference and diffraction; quantum behaviour, wave-particle duality, the uncertainty principle, atomic physics with applications to the laser.
Note: This course is intended primarily for Physics majors but is also useful preparation for entrance exams for professional programs.
Requisite Courses: Physics 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S [prerequisite(s)]; PHYS-1101L (lab) (must be taken concurrently); MATH-1101 or both MATH-1103 and MATH-1104 (must be taken previously or at the same time as this course).

PHYS-1301 (6) Introduction to Physics (3 hrs Lecture | 3 hrs Lab) This is a non-calculus course intended for pre-medical, pre-dental, and arts students. Topics include the following: mechanics, electric and magnetic fields, electric circuits, light, optics, Bohr theory, radioactivity, and nuclear reactions.
Note: In order for a student with credit in PHYS-1301(6) to proceed to further courses in Physics, he/she must have (a) permission of the Department and (b) standing in MATH-1101(6) or both MATH-1103(3) and MATH-1104(3).
Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S or MATH-0042 [prerequisite(s)]; PHYS-1301L (lab) (must be taken concurrently).

PHYS-1701 (6) Astronomy (3 hrs Lecture) This course is a science elective intended for the liberal arts student. There is no formal laboratory, but there will be periodic observations and demonstrations. The topics include the following: stellar astronomy and stellar evolution, the solar system and its evolution, galaxies, and theories of the universe. There will also be an introductory treatment of the composition of matter, the nature of light, the principles of optics, and the operation of telescopes and auxiliary instruments.

PHYS-2102 (3) Scientific Computing (3 hrs Lecture) Many problems arising in science are too difficult to solve analytically, and thus require analysis of some form of computer based analysis. Using the language of C/C++, this course introduces the most common programming constructs used in scientific computing. The critical importance of data structures to represent information is emphasized, which naturally leads to an object-oriented approach to problem solving. The use of external libraries, such as those for numerical analysis, to solve more advanced problems are explored, with attention paid to checks that can be made on the reliability of the results.
Note: Experience with elementary computer programming is recommended
Cross-listed: ACS-2102(3).
Restrictions: Students may not hold credit for this course and ACS-2102.

PHYS-2103 (3) Numeric and Symbolic Computing (3 hrs Lecture) This course provides an introduction to modern scientific software packages for numeric and symbolic computation that are commonly used in teaching, research and industry. Topics covered include functions, arrays, plotting, and data visualization. In an algorithmic self-contained way, this course introduces and discusses algebra, linear algebra, integration, differentiation, and the solution of differential equations with a focus on real world and scientific applications. Although there is no university-level mathematics prerequisite, comfort with basic algebra and rudimentary ideas in pre-calculus is assumed.
Cross-listed: ACS-2103(3).
Restrictions: Students may not hold credit for this course and ACS-2103.
Requisite Courses: MATH-1101 or both MATH-1103 and MATH-1104 (recommended prerequisite); Pre-Calculus Mathematics 40S or permission of the Physics Department [prerequisite(s)].

PHYS-2105 (3) Mathematical Physics I (3 hrs Lecture) This course provides a study of mathematical techniques commonly used in Physics. Topics covered include vector calculus, coordinate systems, complex variables, distributions, and introductory matrix algebra. The companion course Mathematical Physics II continues this study with further areas of interest. The MAPLE symbolic algebra computer program is introduced and then used throughout the course.
Restrictions: Students may not hold credit for this course and PHYS-2104.
Requisite Courses: PHYS-1101 and MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)].

PHYS-2106 (3) Mathematical Physics II (3 hrs Lecture) This course, which is a companion course to Mathematical Physics I, is a study of mathematical techniques commonly

used in Physics. Topics covered include diagonalization of complex matrices, Fourier analysis, ordinary and partial differential equations, and special functions. The MAPLE symbolic algebra computer program is used throughout the course.
Restrictions: Students may not hold credit for this course and PHYS-2104.
Requisite Courses: PHYS-1101, and MATH-1101 or both MATH-1103 and MATH-1104, or PHYS-2105 [prerequisite(s)].

PHYS-2110 (3) Statics (3 hrs Lecture) This course provides an introduction to systems in static equilibrium. Topics covered include statics of particles, equivalent systems of forces, equilibrium of rigid bodies, centroids and centers of gravity, and analysis of complicated structures.
Requisite Courses: PHYS-1101 and MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)].

PHYS-2201 (6) Electricity and Magnetism (3 hrs Lecture | 3 hrs Lab) Topics covered in this course include: electrostatics, circuits, magnetic effects of a current, electromagnetic induction, properties of dielectric and magnetic materials, waves and optics.
Requisite Courses: PHYS-1101 and either MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)]; PHYS-2201L (lab) (must be taken concurrently); PHYS-2105 and PHYS-2106 (must be taken previously or at the same time as this course).

PHYS-2302 (6) Foundations of Physics II (3 hrs Lecture | 3 hrs Lab) This course contains a series of topics in physics which together with Foundations of Physics I, provide students with a broad understanding of physics. Topics include the following: rotation of rigid bodies, angular momentum, fluid mechanics, thermodynamics, special relativity, quantum mechanics, atomic physics, solid state physics, and nuclear physics.
Requisite Courses: PHYS-1101 and either MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)]; PHYS-2302L (lab) (must be taken concurrently); PHYS-2105 and PHYS-2106 (recommended to be taken concurrently).

PHYS-2502 (3) Radiation and the Environment (3 hrs Lecture | 3 hrs Lab) This course provides an overview of radiation in the environment and its effects on materials and living systems. Topics will include x-rays, ultraviolet, visible, infrared, microwave and radio-frequency emissions, acoustical and ultrasonic radiation, and alpha, beta, and gamma radiation from radioactive sources. Emphasis will be placed on the applications of radiation in the real world, including health and environmental issues.
Requisite Courses: Any core laboratory course in Biology, Chemistry, or Physics [prerequisite(s)].

PHYS-2503 (3) Medical Imaging (3 hrs Lecture) This course is an introduction to medical techniques, such as ultrasound, x-rays, CT scans, MRIs, and PET scans. The basics of how each technique works as well as what causes contrast in the images are explored, both qualitatively and quantitatively, using algebra and trigonometry. The suitability of each technique for imaging specific medical problems will be discussed.
Requisite Courses: CHEM-1111 and CHEM-1112, or PHYS-1101, or PHYS-1301 [prerequisite(s)].

PHYS-2705 (6) Cosmology: Science Fact to Science Fiction (3 hrs Lecture) This course gives an introduction to the scientific study of the universe as a whole. Modern aspects of cosmological physics, not usually encountered in elementary physics courses, will be covered. These topics include the following: the standard scenario for early universe evolution; the triumph of big bang cosmology; the hierarchical nature of galaxy formation and clustering; the speed-of-light constraint on space travel and communication; the paradoxical nature of quantum physics; the existence of antimatter; the success of the Special Theory of Relativity; the description of gravity using Einstein's General Theory of Relativity; the characteristics of neutron stars, black holes, wormholes, cosmic strings and other astrophysical oddities; and the logic of spacetime topology of higher dimensions, of parallel universes, and of time travel. Finally, the course will consider how human beings and extraterrestrial life forms fit into the overall scheme of things. Although the subjects discussed will be conceptually sophisticated, the presentation will require minimal mathematical knowledge.

PHYS-2777 (3) The Study of Time (3 hrs Lecture) With an overall scientific perspective this course concerns itself with information gathered from Philosophy, History, Neuroscience, Biology and Physics pertinent to our fundamental notions of time. Topics such as the historical and philosophical notions of time and time keeping, the biological clocks of living organisms, the perception of time in everyday life, the thermodynamic arrow of time, the physical dilation of time, the possibility of time travel, the description of time from a higher-dimensional point of view, and other relevant aspects of time are discussed. Although the subjects covered are conceptually sophisticated, the presentation requires minimal mathematical knowledge.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: A minimum of 18 credit hours completed or with permission of the Physics Department [prerequisite(s)].

PHYS-2803 (3) Fundamentals of Digital Electronics (3 hrs Lecture | 3 hrs Lab) Basic circuit theory, digital logic, integrated circuits, microcontroller fundamentals, software control hardware, senors, and applications. Strongly recommended: Prior experience with elementary computer programming.
Requisite Courses: complete 18 credits [prerequisite(s)]; PHYS-2803L (lab) (must be taken concurrently).

PHYS-2812 (3) The Physics of Music (3 hrs Lecture) This course is an introduction to the physical underpinnings of the production, propagation and perception of the sounds that we interpret as music. After an overview of the fundamentals of both physics and music, we explore the nature and propagation of sound waves, the meaning

of pure tones, and the question of how pure tones combine to form the harmonious complex waveforms produced by various musical instruments. Other topics include the workings of the human ear, and basic elements of concert hall acoustics. Finally, by studying elements of fractal music, we examine some issues surrounding the question of what is music, compared to, say, a random collection of sounds.
Requisite Courses: A minimum of 30 credit hours of study [prerequisite(s)].

PHYS-3103 (3) Special Topics in Physics
(Seminar/Discussion with variable meeting hours) This course examines a topic in physics chosen to meet student needs. The topic will vary from year to year. Please consult the Physics Department for the current topic.
Restrictions: Department Permission Required.

PHYS-3202 (3) Classical Mechanics I (3 hrs Lecture) This course is a three dimensional vector treatment of Newtonian particle dynamics with an emphasis on conservation principles. Topics will include advanced problems in dynamics, including friction, rotation of rigid bodies and moments of inertia, and damped and forced oscillations.
Restrictions: Students may not hold credit for this course and PHYS-3102.
Requisite Courses: PHYS-1101 and either MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)]; PHYS-2105 and PHYS-2106 (recommended to be taken previously or at the same time as this course).

PHYS-3203 (3) Classical Mechanics II (3 hrs Lecture) This course is a continuation of the treatment of classical mechanics contained in PHYS-3202(3). Topics will include rotation of rigid bodies, central force fields, especially gravity, and Keplers laws, small vibrations, and normal modes. As well, the Lagrange and Hamiltonian formalisms will be introduced, including that involving constraints.
Restrictions: Students may not hold credit for this course and PHYS-3102.
Requisite Courses: PHYS-1101 and PHYS-3202 [prerequisite(s)]; PHYS-2105 and PHYS-2106 (recommended to be taken previously or at the same time as this course).

PHYS-3301 (6) Quantum Mechanics I (3 hrs Lecture | 3 hrs Lab) This course covers the following topics: special relativity, statistical distributions, wave properties of matter, quantum operators, probabilistic interpretation of wave-functions, and applications of the Schrodinger equation, including the treatment of the harmonic oscillator.
Requisite Courses: PHYS-2302 [prerequisite(s)]; MATH-2102 and PHYS-2105 and PHYS-2106 (recommended to be taken previously or at the same time as this course).

PHYS-3402 (3) Thermal Physics I (3 hrs Lecture) This course introduces the standard concepts of classical thermodynamics. It also prepares the student for a quantum statistical approach to what fundamentally underlies these laws of thermodynamics. Topics include the absolute temperature scale, heat, work internal energy, entropy, Carnot engines, as well as the three laws of thermodynamics. Elementary concepts in probability and statistics and the Boltzmann Hypothesis are also discussed.
Restrictions: Students may not hold credit for this course and PHYS-3401.
Requisite Courses: PHYS-3301 (must be taken previously or at the same time as this course).

PHYS-3403 (3) Thermal Physics II (3 hrs Lecture) This course develops the standard methodology of statistical mechanics which strives to derive all of the classical results of thermodynamics through quantum statistical analysis. Topics included are the microcanonical ensemble, the canonical ensemble, Boltzmann's Distribution, as well as the quantum mechanical description of heat and work. Other more advanced topics in statistical mechanics are discussed depending on time.
Restrictions: Students may not hold credit for this course and PHYS-3401.
Requisite Courses: PHYS-3402 [prerequisite(s)]; PHYS-3301 (must be taken previously or at the same time as this course).

PHYS-3901 (3) Intermediate Physics Laboratory (3 hrs Lab for Degree Credit | 3 hrs Lab) This course introduces students to instrumentation in the areas of atomic and nuclear physics. Students will set up and conduct several experiments as well as formulate and present reports on their work.
Requisite Courses: PHYS-2302 [prerequisite(s)]; PHYS-3901L (Lab) (must be taken concurrently).

PHYS-4001 (6) Honours Thesis (3 hrs Project / Thesis) This course is normally taken in the final year of the honours program. Students will undertake a research program in experimental or theoretical physics under the supervision of a faculty member. An essential component of the course is the oral and written presentation of the results.
Note: Students must consult with the Department Chair and the prospective supervisor before enrolling.
Restrictions: Honours Form Required.

PHYS-4201 (6) Electromagnetic Theory (3 hrs Lecture) This course will develop Maxwell's equations and apply them to problems of conductors, dielectrics, and magnetic materials.
Requisite Courses: PHYS-2201, MATH-2105 and MATH-2106 [prerequisite(s)]; PHYS-2105 and PHYS-2106 (recommended to be taken previously or at the same time as this course).

PHYS-4302 (3) Condensed Matter Physics (3 hrs Lecture) This course deals with the physics resulting from assembling a very large number of atoms to form a macroscopic piece of a solid. The main topics are: ordering of atoms to form crystal structures, and how the crystal structures vibrate; electronic characteristics of solid insulators, semiconductors and metals; magnetic properties of solids; and how defects significantly modify the physical characteristics of solids.
Restrictions: Students may not hold credit for this course

and PHYS-4301.
Requisite Courses: PHYS-2105 and PHYS-2106 [prerequisite(s)]; PHYS-3301 (must be taken previously or at the same time as this course).

PHYS-4303 (3) Subatomic Physics (3 hrs Lecture) In this course students are introduced to the very small world of the nucleus. First nuclear properties are reviewed, and then various models for forces between nucleons are presented. Radioactive decay / nuclear reactions and detectors are considered. Various applications of nuclear physics are discussed in the areas of power plants, condensed matter physics, and medical physics. Particle physics is considered to the extent that time permits.
Restrictions: Students may not hold credit for this course and PHYS-4301.
Requisite Courses: PHYS-2105 and PHYS-2106 [prerequisite(s)]; PHYS-3301 (must be taken previously or at the same time as this course).

PHYS-4501 (6) Introduction to General Relativity (3 hrs Lecture | 3 hrs Lab) This course will introduce the student to the modern theory of gravitation called General Relativity. The course begins with a thorough treatment of the role of Special Relativity in mechanics and electromagnetism using four-vectors and spacetime diagrams. A short introduction to tensor analysis will then be given. Following this, the Einstein equations will be formulated and the standard solutions will be analyzed. Using these solutions the experimental tests of General Relativity will be investigated as well as astrophysical and cosmological predictions.
Note: In general, students will be expected to have or be willing to acquire a high degree of mathematical literacy. Students should consult with the instructor.
Restrictions: Students may not hold credit for this course and PHYS-3401.
Requisite Courses: PHYS-2105 and PHYS-2106 [prerequisite(s)].

PHYS-4601 (6) Quantum Mechanics II (3 hrs Lecture | 3 hrs Lab) This is an advanced course that describes the underlying structure of quantum mechanics and its applications. Topics include general formalism, spin and angular momentum, approximation methods, and scattering theory. Various interpretations of the formalism are also discussed with emphasis on conceptual issues. The basic theory is applied to several physical problems including the fine structure of the hydrogen atom and stimulated emission in lasers.
Requisite Courses: PHYS-3301 [prerequisite(s)]; PHYS-2105 and PHYS-2106 (recommended prerequisite).

PHYS-4901 (3) Advanced Physics Laboratory (3 hrs Lab for Degree Credit) This laboratory course familiarizes students with advanced laboratory techniques and introduces research methodologies. A selection of experiments is chosen from the areas of electromagnetism, atomic and nuclear physics, solid state physics, theoretical physics, quantum mechanics and classic experiments in physics.
Requisite Courses: PHYS-2201 and PHYS-3901 [prerequisite(s)].

POLITICAL SCIENCE

POL-1011 (6) Introduction to Political Science (3 hrs Lecture) Political science is the parent discipline of a number of areas of study including a very broad definition of what is 'political'. This course provides a foundation for the study of politics in the world around us. Topics include human rights, global affairs, the Canadian Constitution and Treaties, political theories, the role of the state, political systems, public administration and policy, and political participation, movements and protest. The course is presented within the context of historical and current events. Maximum 6 credit hours of Political Science at the 1000 level may be used for degree credit.
Restrictions: Students may not hold credit for this course and POL-1012 | POL-1014 | POL-1016 | POL-1018 | POL-1020.

POL-1012 (3) The Canadian State and Indigenous Peoples (3 hrs Lecture) This course provides an introduction to the historical and contemporary relationships between the Canadian government/society and Canada's Indigenous peoples. Topics include the Treaties, the Indian Act and subsequent efforts to abolish or reform these fundamental legislative parameters of the relationships. Other topics include original Indigenous governance traditions and contemporary Indigenous governance in the cities.
Note: Students may hold a maximum 6 credit hours at the 1000 level in Political Science, minimum 2.0 GPA.
Restrictions: Students may not hold credit for this course and POL-1011.

POL-1014 (3) Great Ideas in Political Thought (3 hrs Lecture) This course introduces students to central questions crucial to the study of political thought. Students examine the ideas of great thinkers such as Plato, Aristotle, Confucius, Hobbes, Locke, Rousseau, Wollstonecraft, J.S. Mill, Marx, and Engels and their perspectives on enduring questions such as: What is human nature? What is the best form of government? Is politics an activity in which all subjects/citizens are able to participate or should it be a specialized activity reserved for social, economic and/or intellectual elites? How much power should a state exercise over individuals' lives? Should citizens always obey the law?
Note: Students may hold a maximum 6 credit hours at the 1000 level in Political Science, minimum 2.0 GPA.
Restrictions: Students may not hold credit for this course and POL-1011.

POL-1016 (3) Global Political Issues (3 hrs Lecture) This introductory course offers a broad perspective on global politics. Providing a foundation in the role of the state, the course covers topics such as global political economy, security, power, human rights and inequality in an ever-changing world.
Note: Students may hold a maximum 6 credit hours at the 1000 level in Political Science, minimum 2.0 GPA.
Restrictions: Students may not hold credit for this course and POL-1011.

POL-1018 (3) Issues in Canadian Politics, Government, and Democracy (3 hrs Lecture) This course gives students an introduction to power in the Canadian political sphere and how it is mediated in institutions, ideas and structures. We examine how issues and decisions of political leaders influence our economic and social lives. The course covers the major ideologies and institutions of government decision-making and reform at the municipal, provincial, regional and global levels in Canada, including an introduction to partisan politics as well as ongoing and emerging public policy issues. The course examines democracy from a comparative perspective, including comparing Canada's political system with different countries throughout the world.
Note: Students may hold a maximum 6 credit hours at the 1000 level in Political Science, minimum 2.0 GPA.
Restrictions: Students may not hold credit for this course and POL-1011.

POL-1020 (3) Why Politics Matters: Themes and Debates (3 hrs Lecture) This course introduces students to various theories and debates of political analysis. The course discusses political power and how it is exercised. Comparisons across liberal democracies provide insights into the strengths of political processes regarding citizen engagement, government decision-making, political participation and state-society relations. The course concludes by analysing the process of change in a political system either through formal, representative institutions, such as political parties and legislatures, or through the collective action of social and political organizations.
Note: Students may hold a maximum 6 credit hours at the 1000 level in Political Science, minimum 2.0 GPA.
Restrictions: Students may not hold credit for this course and POL-1011.

POL-2010 (3) Politics in the Inner City (3 hrs Lecture) This course introduces students to political problems and political strategies regarding the inner city. It includes an examination of City Hall, parliamentary politics of the provincial and federal levels as it affects the inner city, and various electoral and non-electoral strategies that can be adopted to advance the interests of inner-city residents.

POL-2020 (3) Colonization and Indigenous Peoples (3 hrs Lecture) This course examines the Indigenous colonial experience, particularly in Western Canada, and the impact colonization has had and continues to have on the relationship between Indigenous peoples and Canadian governments. This course emphasizes the contemporary effects of colonization, particularly as regards identity issues and how they play out in the urban and inner-city environment, and also processes and strategies for decolonization.
Cross-listed: UIC-2020(3) and IS-2020(3).
Restrictions: Students may not hold credit for this course and IS-2020 | UIC-2020.

POL-2100 (6) Global Politics (3 hrs Lecture) This course provides students with an introduction to the study and practice of global level politics. It explores different ways that the scope and content of 'global politics' is understood

theoretically, informed by the view that global politics is seen differently depending on the assumptions that are brought to bear. A range of post-Cold War global practices are considered, including globalization, global political economy, development, security, and global governance.
Restrictions: Students may not hold credit for this course and POL-2123.

POL-2200 (6) Social and Political Philosophy (3 hrs Lecture) This course is a critique of attempts to give ethical justification for social institutions and practices. Why should one obey the state? When is disobedience justified? Are there any inalienable and absolute human rights? What are the conditions and limits of liberty? Why and when is it moral to punish? Is free enterprise consistent with principles of justice? Is it ever right to engage in war? Readings will include the work of some of the following: social contract theorists, utilitarians, Hegelians, Marxists, existentialists, and analytic philosophers.
Cross-listed: PHIL-2200(6).
Restrictions: Students may not hold credit for this course and PHIL-2200 | PHIL-2205.

POL-2220 (6) Politics and Film (3 hrs Lecture) Film is one of the most exciting and complex art forms. This course seeks to enrich students' experience and understanding of movies, to see them as complex cultural creations that embody political and social meanings and not simply as entertainment. Various theoretical approaches to film are examined as well as topics connected to the particular films viewed. Topics may include images of women in film, racial politics, the politics of Hollywood cinema, the slave in film, homosexuality in the movies, and conventions of realism.

POL-2300 (6) Public Administration (3 hrs Lecture) This course offers a general survey of the major areas of public administration. It introduces students to basic terminology, concepts, and issues in the field of public administration. The course begins with organization theories and the relationship between public administration and politics. Topics may include: leadership, change management, ethics, equity and diversity as human resource issues in the public sector, public sector unionization, policy planning and government budgeting, tools of accountability such as program evaluation and performance measurement. Students also learn about public sector trends in alternative service delivery.
Restrictions: Students may not hold credit for this course and POL-2305.

POL-2320 (3) Government-Business Relations in Canada (3 hrs Lecture) This course critically examines the relationship between business and government. State regulation of the economy is a significant element of public policy. Consequently, business and business groups are important political actors seeking to influence the shape and direction of public policy. This course examines that relationship and various mechanisms by which business seeks to influence the state.

POL-2400 (6) Canadian Politics (3 hrs Lecture) This course offers a general introduction to the study of Canadian politics, including an analysis of political culture, political parties, federalism, continentalism, regionalism, and political institutions.
Restrictions: Students may not hold credit for this course and POL-2430.

POL-2410 (6) Human Rights and Civil Liberties in Canada (3 hrs Lecture) This course examines the concepts of human rights and civil liberties. It will incorporate a case study approach in some areas. The course will include an examination of several approaches and concepts of human rights and civil liberties. It also includes an emphasis on selected topics such as: biological rights, rights of children, criminal law in the civil rights context, aboriginal rights and equality rights. The course is very strongly oriented towards Canadian problems, laws and institutions.
Restrictions: Students may not hold credit for this course and POL-2450 | POL-2510.

POL-2415 (3) The Politics of Racism (3 hrs Lecture) This course analyzes contradictions that emerge in the ideology and political practices of the liberal state in its approach to issues of racism. The concept of racism is introduced through an analysis of its individual, institutional, systemic and organized forms. Using documentation from cases in Canada, the United States, Germany, and other countries, the course examines state measures to combat racism, makes use of case studies of state facilitation of the aims of organized racism, and examines activist methods used to counter organized racism and its state facilitation. The intersection of the state and the field of racism is examined as well through analyses of cases involving state security and intelligence services.
Restrictions: Students may not hold credit for this course and POL-2431.

POL-2500 (3 or 6) City Politics (3 hrs Lecture) The course is an introduction to the politics and governance of cities and city regions in Canada. The course explores the history and development of municipal institutions in Canada, municipal finance, the role of local government in the federation, and multilevel governance. The course emphasizes how institutional structure shapes urban politics and policy outcome.

POL-2505 (3) Issues in City Politics (3 hrs Lecture) This course discusses such issues as central city decay, suburban sprawl, concentration of poverty, urban expressway development, and loss of neighbourhood identity. It also examines the political forces acting to cause problems, to neglect them, or to solve them. The focus is on the dynamics of city development and decay, and the political organization and action influencing those dynamics.
Restrictions: Students may not hold credit for this course and POL-2321 | POL-2325.

POL-3030 (3) Special Topics in Political Science (3 hrs Lecture) This course considers selected topics in Political Science; as course content changes, students are encouraged to consult the Department of Political Science regarding potential offerings in a given year. This course may be repeated for credit when the topic varies.

POL-3105 (3) Global Political Economy (3 hrs Lecture) This course provides an introduction to the theories and methods of global political economy and a study of the application of these two areas such as militarization; north-south relations; globalization of production; trade and finance regimes; gender and ecological questions.
Restrictions: Students may not hold credit for this course and POL-3133.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-3110 (3) International Organization (3 hrs Lecture) This course examines various theoretical approaches to the study of international organizations as a generic phenomenon, recognizing that they are part of a complex web of relations that can have subnational, national, international, and transnational ties. More specifically, it explores the place and role of international organizations within the framework of global governance.
Restrictions: Students may not hold credit for this course and POL-3134.

POL-3115 (3) Gender and Global Politics (3 hrs Lecture) This course examines gendered perspectives on the theory and practice of global politics. It considers a range of perspectives on gender and politics, and applies these to an examination of conflict and cooperation, security, global political economy, ecology, human rights, international organizations and international law.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-3120 (3) International Law (3 hrs Lecture) This course deals with the nature of international law in society, the universality of international law, the state and other international persons, sovereignty and equality, recognition of governments and states, civil war and intervention, war and neutrality.
Restrictions: Students may not hold credit for this course and POL-3137.

POL-3121 (3) Special Topics in Global Politics (3 hrs Lecture) This course considers selected topics in Global Politics; as course content varies from year to year, students are encouraged to consult the Department of Political Science regarding potential offerings in a given year. The course may be repeated for credit when topic varies.

POL-3122 (3) China in the Contemporary Global Politics (3 hrs Lecture) China's recent rise to global prominence has had uneven impacts on Chinese citizens, the Chinese economy, the Chinese state, and the world outside of China. In this course, we seek to understand China's rise by asking certain questions. What do various approaches to the study of International Relations (IR) and International Political Economy (IPE) tell us about China's rise in contemporary world politics and in the contemporary Global Political Economy? What are the economic sources and vulnerabilities of China's newfound global prominence? Is China a challenger to an American-led world order?

POL-3130 (3) Canada in World Affairs (3 hrs Lecture) This lecture/seminar course explores differing explanations of Canadian actions in global politics and examines specific areas such as foreign economic and trade policies, military and security policies, and policies towards different regions of the world.
Restrictions: Students may not hold credit for this course and POL-3142.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-3135 (3) Global Security (3 hrs Lecture) This course examines various meanings, dynamics and applications of security in global politics, with particular attention to contemporary debates and issues. It explores what security is, who or what is being secured, from what and by what means. Select topics include: human security, migration, humanitarian intervention, environment, health and food security, gender, global war on terrorism, nuclear non-proliferation and security in the post-colonial world.
Restrictions: Students may not hold credit for this course and POL-3143.

POL-3205 (3) Reason and Revolution (3 hrs Lecture) Reason and revolution are ideas central to contemporary politics. This course explores their roots in 18th century Europe. Enlightenment thinkers argue that society can be reorganized based on reason, freedom and equality. Counter-enlightenment thinkers argue that such attempts often degenerate into the type of violence and terror evident in the French Revolution. This course explores these issues in the writings of thinkers such as Immanuel Kant, Jean-Jacques Rousseau, Edmund Burke, Mary Wollstonecraft, Thomas Paine and others. Restriction: Students may not hold credit for this course and POL-3235(3).

POL-3210 (3) Politics and Art (3 hrs Lecture) This course examines political expression in the visual, performing and literary arts. The course treats various forms of art as cultural documents which provide insight into the political ideas and political culture of society.
Restrictions: Students may not hold credit for this course and POL-3236.

POL-3216 (3) Special Topics in Political Theory (3 hrs Lecture) This course examines one among a range of specialized issues in political theory. Depending on the instructor, topics covered may include Pierre Trudeau's political thought, Gramsci as a thinker, Hobbes's feminism, and/or globalization and inequality. This course can be repeated for credit when the topic varies.

POL-3220 (3) Politics of Post-Modernism (3 hrs Lecture) This course examines a selection of the precursors, proponents and critics of post-modern political thought such as Nietzsche, Foucault, Rorty, Lyotard, Jameson, Butler, Habermas, Derrida and Baudrillard. This course focuses on the politics generated by post-modernism. Among the questions considered are: What is modernism? What is post-modernism? What are the potential effects of a postmodern perspective on political theory and political practices? How has post-modernism

influenced feminism and new social movements more generally?

POL-3224 (3) Research Methods and Project Design (3 hrs Lecture) This is a basic course in research design, intended for beginners. It includes, but is not limited to, research design and evaluation, measurement, sampling, data collection methods, elementary data analysis, research ethics, and reporting results.
Note: Students may not receive credit for this course and the former POL-2206(3).

POL-3230 (3) Canadian Political Thought (3 hrs Lecture) The course examines the historical development and political expression of major Canadian ideologies: conservatism, liberalism, socialism, English-Canadian nationalism, and nationalism in Quebec politics.

POL-3233 (3) Power and Politics: 16th Century Political Thought (3 hrs Lecture) This course explores sixteenth century political thought in the historical context of the dramatic transformations of the Renaissance, the Reformation, the Scientific Revolution and the rise of capitalizm. Key thinkers examined include: Machiavelli, Erasmus, More, Luther, Calvin, Boding and Thomas Smith. Special attention is given to newly emerging conceptions of power, state, citizen, family and political freedom.
Note: Students may not hold credit for this course and the former POL-3200.

POL-3234 (3) Sovereignty and Politics: 17th Century Political Thought (3 hrs Lecture) This course explores seventeenth century political thought in the historical context of the dramatic transformations of the Reformation, the Scientific Revolution, the English Civil Wars, and the rise of capitalism. Key thinkers to be examines include English Levellers, Descartes, Hobbes, Locke, and Harrington. Special attention is given to highly contested conceptions of sovereignty, property, natural rights and liberties, and revolution.
Restrictions: Students may not hold credit for this course and POL-3200.

POL-3235 (6) Politics of Love and Sex (3 hrs Lecture) This course offers students the opportunity to study political thought through the prism of love and sex. Students are introduced to some of the central thinkers in the Western canon (such as Plato, Augustine, Rousseau, and Wollstonecraft). We consider the complexity and persistence of problems for human society related to love and sexuality. In addition, the course allows for a close examination of current controversies revolving around these human passions, such as gender relations, pornography, homosexual marriage, and prostitution.

POL-3250 (3) Violence, Hegemony and the Rise of Mass Politics (3 hrs Lecture) The 20th Century has been called the age of extremes, one of the most violent in our world's history. It witnessed two world wars, the rise of fascism, the cold war, massive decolonization, universal suffrage and the advent of mass politics and globalization. This course explores political philosophies shaped during these events. Thinkers considered include Rosa Luxemburg, V.I. Lenin, Antonio Gramsci, Friedrich von Hayek, Isaiah Berlin, Hannah Arendt, members of the Frankfurt School and Frantz Fanon. We concentrate on problems faced by democracy in mass society; violence, nationalism, hegemony and freedom.
Restrictions: Students may not hold credit for this course and POL-4210 | POL-4238.

POL-3255 (3) Liberals, Marxists, and Anarchists (3 hrs Lecture) The 19th century witnessed the birth of many of the political ideas that shape our world, from J.S. Mill's liberalism to Marx and Engel's communism, including Nietzsche and the Anarchists. This course places thinkers and movements such as these within their historical context and shows how their ideas are relevant in today's world.
Restrictions: Students may not hold credit for this course and POL-4205 | POL-4237.

POL-3260 (3) Liberalism and Social Democracy (3 hrs Lecture) This course examines the crucial revision of socialism to take account of freedom, the welfare state, democracy and regulation rather than public ownership. It will examine the ideas of Bernstein, Hobhouse, Crosland, Karlsson and Giddens. It deals with similar themes in the Canadian political context, especially the ideas of Frank Scott and Pierre Elliott Trudeau.

POL-3300 (3) Public Policy Process (3 hrs Lecture) The focus of this course is the interplay of politics and the public policy process, with concentration on theories of policy-making, actors in the policy process, and institutions and structures in the policy process. The role of interest groups, political parties, governmental organizations and the like are among the subjects to be examined.
Restrictions: Students may not hold credit for this course and POL-3331.

POL-3305 (3) Special Topics in Public Policy (3 hrs Lecture) The focus of this course will change from year to year, according to the interests of faculty and students. Its general purpose is to permit advanced undergraduate students to examine specific issues in public policy, especially those which are of contemporary interest but are not the subject of a routinely offered course.
Note: The course may be repeated only when the topic varies.
Restrictions: Students may not hold credit for this course and POL-3310 | POL-3332 | POL-3333.

POL-3310 (3) Health Care Policy in Canada (3 hrs Lecture) This course investigates current trends and issues in health care policy in Canada. Students are introduced to the structure of the Canadian health care system, including federal and provincial policy history and the structure of its financing. The course focuses on challenges which occur in implementing and administering health policy change at the federal and provincial levels. The course emphasizes the regionalization of service delivery and the expansion of community-based primary care. Alternative models of health care delivery are explored.
Restrictions: Students may not hold credit for this course

and POL-3305 | POL-3332 | POL-3333.

POL-3315 (3) The Canadian Legal System (3 hrs Lecture) An examination of the structure and functioning of the legal system in Canada, including such topics as: the historical background of British and Canadian law; the Canadian constitution and its prescription for federal and provincial jurisdictions; the nature and limits of executive, legislative and judicial powers; the distinction between common law and statute law; the various fields of law, e.g., criminal, domestic, contract and torts; civil rights and human rights; the administration of justice.
Restrictions: Students may not hold credit for this course and POL-3428.

POL-3320 (3) Women and the Law (3 hrs Lecture) This course focuses on a number of aspects relative to women and the law in Canada. The course includes the following: (1) women within the legal system, e.g., as judge, lawyer, victim and offender; (2) a study of the various laws which affect women either directly or indirectly, examination of existing legislation and review of case law; (3) discussion of various agencies (primarily those which are legislated) which influence the lives of women. Some areas of law which may be reviewed include domestic, criminal, estates, labour, human rights, pensions and day care.
Restrictions: Students may not hold credit for this course and POL-3429.

POL-3321 (3) Gender and Organizations (3 hrs Lecture) Exploring gender's relevance to organizations of various types, including corporations and not-for-profits, this course addresses how gendered analysis can benefit a variety of perspectives on organizations. Taking critical and postmodern approaches to organizational theory and practice, the course considers gender with respect to such topics as leadership; management; communication; conflict resolution; diversity, inclusion, and intersectionality; power; negotiation; organizational change; organizational justice; ethics; healthy workplaces; volunteer workers; management; human resources; and globalization.
Cross-listed: BUS-3321(3) and WGS-3321(3).
Restrictions: Students may not hold credit for this course and BUS-3321 | WGS-3321.
Requisite Courses: POL-2300, WGS-1232 or BUS-2103 or permission of the instructor [prerequisite(s)].

POL-3400 (3) Indigenous Politics in Canada (3 hrs Lecture) The course provides a critical foundation for understanding the context and issues surrounding Canada's recognition of its Indigenous heritage within Canadian democracy. The animated political relationship between Canadian governments and Canada's Indigenous populations, framed by legislation, policy issues, and the expectation of a positive shared future, is the focus of this course.

POL-3405 (3) Indigenous Politics in Manitoba (3 hrs Lecture) The course offers a foundational understanding of political organizations, issues, and historical, political, and other contributions of Manitoba's Indigenous people within the context of Manitoba politics.
Restrictions: Students may not hold credit for this course and POL-3434.

POL-3411 (3) Indigenous People in Canada and the Law (3 hrs Lecture) The course explores foundational documents supporting and defining Canada's legal governance relationship with Indigenous People including federal, provincial, municipal and band responsibilities.

POL-3415 (3) Indigenous Justice and Canadian Law (3 hrs Lecture) This foundational course explores Canadian and Indigenous law in Canada, issues related to legal compliance, and efforts to integrate and incorporate practices from both traditions towards a more effective and appropriate legal system in Canada.

POL-3436 (3) United States Politics (3 hrs Lecture) This course is a study of the United States' political system, including topics such as American political culture, political groups and parties, elections, formal political institutions and policies and trends.
Restrictions: Students may not hold credit for this course and POL-3437 | POL-3438.
Requisite Courses: POL-1011 or permission of the instructor [prerequisite(s)].

POL-3439 (3) Politics in Manitoba (3 hrs Lecture) This course seeks to describe and explain changes in the political culture, political economy and political institutions of Manitoba. Topics may include different approaches to Manitoba politics; political parties in Manitoba; voting patterns in Manitoba; social class, ethnicity and cultures in Manitoba; federal-provincial relations and their impact upon Manitoba.
Restrictions: Students may not hold credit for this course and POL-3432 | POL-4405 | POL-4430.

POL-3450 (3) Sustainability and Environmental Politics (3 hrs Lecture) In 1987 the concept of "sustainable development" was popularized by the Brundtland Commission's Report. Since that time, the term has been used and abused in a great variety of contexts worldwide. The course examines the measures and implications of this concept as it impinges on virtually every policy area in Canada. Specific areas to be examined may include, but will not be limited to, the following: Green politics and capitalism, Canadian Round Tables, values and sustainability, international impacts, urbanization, the welfare state, and the role of women.
Restrictions: Students may not hold credit for this course and POL-3420.

POL-3452 (3) Gender Issues in Canadian Politics (3 hrs Lecture) This course provides an overview of issues facing women in Canadian politics. It begins with an understanding of the different types of feminism and explores feminist theory as an epistemology, an ideology and a social movement. Students then examine issues such as the backlash against feminism, the electoral project, women and public policy concerns and portrayals of women in the media. At the conclusion of the course, students are expected to be cognizant of the salient issues facing women in politics and have a broader understanding of feminist analysis.

POL-3455 (3) Politics and the Mass Media (3 hrs Lecture) This course introduces students to the study of politics and the mass media. Few Canadians actually have the opportunity to attend the machinations of politics first hand, and thus must rely on the mass media to provide them with information about what elected officials are saying and doing. News is constructed within the journalist paradigms and the delivery of news is highly mediated. This course examines what news is and how politicians are both manipulators of and manipulated by the news that's accessed daily.
Restrictions: Students may not hold credit for this course and POL-3424.

POL-3460 (3) Provincial Politics in Canada (3 hrs Lecture) This course provides students with an appreciation of the importance of politics at the provincial level. Students explore issues of regionalism and federalism, while analyzing in a comparative manner the different political realities of each distinct province. What makes provincial politics in Manitoba different from provincial politics in BC or Quebec? What is the role of the provincial premier given the current state of federalism and the impact of globalization? These questions are examined in an effort to provide an understanding of the important and evolving role of the province in Canada.
Requisite Courses: POL-2400 (recommended prerequisite).

POL-3470 (3) Comparative Federalism and Multi-Level Governance (3 hrs Lecture) Most of the world's population live in a country which has multiple layers of government with policy responsibilities constitutionally divided between a national and regional political authorities. In the 21st century, issues of decentralization to regional governments, subsidiarity and local autonomy are argued to be significant to viable social, cultural and political development. This course comparatively analyses the many issues that animate governance in multi-level systems which will include actors, institutions and policy processes. Students investigate the politics of federalism and multi-level governance in jurisdictions such as Canada, the United States, Australia and the European Union.

POL-3510 (3) Interest Groups and New Social Movements (3 hrs Lecture) This course examines the roles of interest groups and social movements in influencing and shaping public policy. The course explores the concept of participation and representation by examining the organization of interests outside of mainstream political parties. The methods by which interest groups and social movements organize themselves, and, in particular, issues of democracy and accountability within these organizations, will be explored. Topics include theoretical perspectives on new social movements, as well as the experiences of workers' movements, women's movements, anti-poverty movements, environmental movements and the role of corporations and economic interest groups.

POL-3520 (3) Community Democracy in a Global Age (3 hrs Lecture) Our democratic institutions, for the most part inherited from the 19th century, are challenged in the 21st century by global markets and corporate mobility. This course explores the effect of globalization on our democratic institutions. While globalization may undermine our democratic institutions, social movements increasingly demand new forms of democratic practice. This course explores the claims of social movements for local/direct democracy and possible solutions to the "crisis" of democracy.

POL-3600 (6) Directed Readings (3 hrs Directed Reading) A directed reading is an individual course of study arranged in consultation with a departmental supervisor. It is open to third year General and third and fourth year Honours students. The program of reading and consultation is arranged by the supervisor and the student. The student is required to write a major paper and take an oral examination based on it.
Restrictions: Instructor Permission Required.

POL-3605 (3) Directed Readings (3 hrs Directed Reading) A directed reading is an individual course of study arranged in consultation with a departmental supervisor. It is open to third year General and third and fourth year Honours students. The program of reading and consultation is arranged by the supervisor and the student. The student is required to write a major paper and take an oral examination based on it.
Restrictions: Instructor Permission Required.

POL-4040 (3) Special Topics in Political Science (3 hrs Seminar/Discussion) This course considers selected topics in Political Science at an advanced level; as course content changes, students are encouraged to consult the Department of Political Science regarding potential offerings in a given year. This course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.

POL-4100 (3) Seminar in Global Politics (3 hrs Seminar/Discussion) This course involves an intensive and advanced study of selected contemporary issues in global politics. The course focuses on various theoretical approaches to the study of global politics and the application of some of these to an analysis of global politics. Students may not receive credit for both this course and the former POL-4123(3), POL-4145(6)or POL 4145(3)
Restrictions: Honours Form Required.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4105 (3) Seminar in Global Political Economy (3 hrs Seminar/Discussion) Much scholarship and popular thinking on the Global Political Economy (GPE) frequently holds that it is something abstract and in the distance or operating on some level that we call the global. In this class, we interrogate such dispositions by considering how large scale structures of the GPE (possibly including, but not limited to, trade, finance, production and migration) and how particular localities, including Winnipeg, neighbourhoods, households, and various daily sites are

"implicated in the global". What parts of our daily lives are affected by the GPE? What is our relationship with the GPE? How do we think of political and economic agency in a purportedly global age?
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4133.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4106 (3) The Political Economy of Rising Non-Western States (3 hrs Seminar/Discussion) In this course, students examine and consider the extent to which we are in the midst of a transition to a new global political economy, one in which rising non-Western states have increasing amounts of clout. Students consider what it has meant to develop outside of the global capitalist core historically, and whether patterns of development inherited from history have significance today. Finally, students consider the extent to which non-Western countries are building mechanisms that at the most challenge and at the least circumvent mechanisms associated with Western, if not American, aspirations to governing the global political economy since World War II.
Restrictions: Honours Form Required.

POL-4110 (3) Seminar in International Organization (3 hrs Seminar/Discussion) This course is a study of international institutions and the processes of international cooperation. Special emphasis is placed on the League of Nations; the United Nations Organization and its specialized agencies; and regional arrangements such as the European Economic Community, the Commonwealth and the North Atlantic Treaty Organization.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4134.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4120 (3) Seminar in Canadian Foreign Policy (3 hrs Seminar/Discussion) This course examines specific areas of Canadian foreign policy. These may include, but are not limited to, policies related to trade and environment, development assistance, defence, refugees and immigration, or policies related to specific regions.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4142.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4121 (3) Special Topics in Global Politics (3 hrs Seminar/Discussion) This course considers selected topics in Global Politics at an advanced level; as course content will vary, students are encouraged to consult the Department of Political Science regarding potential offerings in a given year. This course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4200 (3) Feminist Political Thought (3 hrs Seminar/Discussion) This course is an inquiry into feminist political thought. It considers both historical and contemporary writers of importance to feminist political theory. The basic aims of the course are: first, to consider feminist political theory's critical perspective on the classical canon of political thought; and second, to discuss contemporary feminist political theories, including liberal, Marxist, gynocentric and postmodern feminist thinkers.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4236.
Requisite Courses: One 3 credit hour course in Area 2, Political Thought, or PHIL-2200 or WGS-3301 or permission of the instructor [prerequisite(s)].

POL-4215 (6) Seminar in Political Thought (3 hrs Lecture) This course examines a range of current issues in political theory. Topics covered may include issues related to globalization, debates about multiculturalism, civil society, and the viability of democracy and sovereignty in the 21st century.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4216 | POL-4240.
Requisite Courses: One 3 credit hour course in Area 2, Political Thought, or permission of the instructor [prerequisite(s)].

POL-4216 (3) Special Topics in Political Theory (3 hrs Seminar/Discussion) This course examines a range of specialized issues in political theory. Depending on the instructor, topics covered may include Pierre Trudeau's political thought, Gramsci as a thinker, Hobbes's feminism, and/or globalization and inequality. This course can be repeated for credit when the topic varies. Where the subject matter of POL-3216 and POL-4216 is similar, students engage in higher and more intense research and study in POL-4216.
Restrictions: Students may not hold credit for this course and POL-4215 | POL-4240.

POL-4220 (6) Liberty and Community in Modern Canadian Political Thought (3 hrs Seminar/Discussion) This course examines the confluence and tension of freedom and community in the thought of six modern Canadian thinkers: Woodsworth, Scott, Trudeau, Macpherson, Taylor and Grant.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4239.
Requisite Courses: One 3 credit hour course in Area 2, Political Thought, or permission of the instructor [prerequisite(s)].

POL-4225 (6) Scope and Methods of Political Science (3 hrs Seminar/Discussion) The course offers an analysis of the interrelationship among philosophy, theory and method in contemporary Politics. Emphasis in the course will be placed on the development of theoretical principles of political inquiry and the critical analysis of a variety of theoretical approaches commonly employed in Politics, such as behaviouralism, systems theory, class analysis, socialization theory and others.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4246.
Requisite Courses: One 3 credit hour course in Area 2, Political Thought, or permission of the instructor [prerequisite(s)].

POL-4301 (3 or 6) Administrative Foundations of the Public Sector (3 hrs Seminar/Discussion) This course is an examination of the theoretical basis for the administrative state, including such problems as the relationship of political values to administrative decisions, the role of the career civil service in governmental policy formation, the relationship between administrative officials and private interest groups, and the protection of individual rights against administrative abuses. Attention is given to techniques and institutions designed to achieve democratic control of administrative action. Formerly titled: Administrative Theory.
Restrictions: Honours Form Required.
Requisite Courses: One 3 credit hour course in Area 3, Law, Public Policy and Administration or permission of the instructor [prerequisite(s)].

POL-4310 (3) Equity and Human Resources (3 hrs Seminar/Discussion) This course examines the theory and practice of, and major public policy equity issues in, human resource administration. It also analyzes employment discrimination theory, U.S. and Canadian legislation and jurisprudence, contract compliance and compensation. The theory, legislation, planning and execution of these programs are examined from a public and private sector organizational perspective. Topics may include human resource administration and the Charter, pay equity administration, sexual harassment, and human resource administration and government regulation.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4340.
Requisite Courses: One 3 credit hour course in Area 3, Law, Public Policy and Administration, or permission of the instructor [prerequisite(s)].

POL-4380 (6) Special Topics Seminar in Public Administration (3 hrs Lecture) The course concentrates on a topic of primary relevance to students of public administration. Examples of such topics are the role of public bureaucracy in Canadian federalism, the regulatory process in Canada, the role of Crown corporations, issues in health care policy, public administration in Manitoba, and gender and public policy. The course may be repeated for credit when topic varies.
Restrictions: Honours Form Required.

POL-4385 (3) Special Topics in Public Administration (3 hrs Lecture) The course concentrates on a topic of primary relevance to students of public administration. Examples of such topics are the role of public bureaucracy in Canadian federalism, the regulatory process in Canada, the role of Crown corporations, issues in health care policy, public administration in Manitoba, and gender and public policy. The course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.

POL-4400 (6) Seminar in Canadian Politics (3 hrs Seminar/Discussion) This seminar examines selected aspects of Canadian politics. These may include, but are not necessarily limited to political power, culture, ideologies, parties, institutions, political economy, the constitution, federalism, regionalism and Canada-US relations.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4420.
Requisite Courses: POL-2400 or permission of the instructor [prerequisite(s)].

POL-4405 (6) Seminar in Manitoba Politics (3 hrs Seminar/Discussion) This course analyzes selected aspects of the political process and of public administration in the Province of Manitoba. Topics may include political party organization and ideology; public sector management; the politics and administration of northern development, social welfare, education, health care, and other issues of provincial importance. A seminar format will be adopted, and public officials will be invited to offer insights built on practical experience.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-3432 | POL-3439 | POL-4430.
Requisite Courses: One 3 credit hour course from Area 4, Canadian and Comparative Politics, or permission of the instructor [prerequisite(s)].

POL-4410 (3) Seminar in Women in Politics (3 hrs Seminar/Discussion) The course is an examination of the role of women in politics. It will concentrate on a particular aspect of political life such as women in revolution, women and electoral politics, feminist politics.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4431.
Requisite Courses: One 3 credit hour course from Area 4, Canadian and Comparative Politics, or permission of the instructor [prerequisite(s)].

POL-4415 (3 or 6) Political Economy and the State (3 hrs Seminar/Discussion) This course examines the role and function of the state and the economy in the contemporary age within what is commonly defined as the "nation state". Analysis extends beyond the national level. However, the course addresses other levels of governance such as local, indigenous, provincial, national, and pan-national forms. Drawing insights from a host of theoretical perspectives, particular attention is paid to the deeply embedded nature of the economy within the structures of the state, and conversely of the state within the economy. Formerly titled: State and Economy.
Restrictions: Honours Form Required.
Requisite Courses: One 3 credit hour course in Area 4, Canadian and Comparative Politics, or permission of the instructor [prerequisite(s)].

POL-4440 (6) Seminar in Indigenous Political Issues (3 hrs Lecture) Current and ongoing issues directly affecting Indigenous people within the political context of Canada and Manitoba are explored throughout this seminar.
Restrictions: Honours Form Required.
Requisite Courses: One 3 credit hour course in Area 4, Canadian and Comparative Politics, or permission of the instructor [prerequisite(s)].

POL-4445 (3) The Politics of Racism in Canada (3 hrs Seminar/Discussion) This course explores the politics of race and racism in Canada. It examines the intersecting

issues of race, gender, class, immigration/refugee status, and culture as they relate to state policy and governance. The course addresses a range of issues including official multiculturalism, citizenship, state violence, indigeneity and colonialism, and the increasing securitization of racialized immigration groups and refugees in the post-9/11 world. Understanding race and whiteness as a socially constructed system of power relations is the central focus of the course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required.

POL-4505 (3) Politics of Urban Development (3 hrs Seminar/Discussion) Urban development, understood as the growth and change of the urban built form and environment, has a tremendous impact on the lives and livelihoods of residents who reside in urban areas. As a result, urban development and planning is one of the most important policy areas for municipal government, and a significant source of political conflict at the local level. This course compares and contrasts the politics of urban development in cities in North America and abroad, by examining the forces (actors, institutions, and the economy) that shape the development and planning policies of cities.
Note: Students may not hold credit for this course and Graduate Studies courses GPOL-7335 and GPOL-7505.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4334.
Requisite Courses: One 3 credit hour course from Area 5, City and Community Politics, or permission of the instructor [prerequisite(s)].

POL-4515 (6) Inner City Seminar (3 hrs Lecture) This course seeks to explain the emergence and the character of inner cities, and to evaluate proposed solutions to inner city problems. Some attention is paid to the literature on American inner cities; we focus intensively on Winnipeg's inner city. The course features a 3 hour per week practicum requirement with an inner city community-based organization, and the conducting of original, primary research on an inner city topic.
Restrictions: Honours Form Required.
Requisite Courses: One 3 credit hour course in Area 5, City and Community Politics, or permission of the instructor [prerequisite(s)].

POL-4520 (3) Theories of Urban Poverty (3 hrs Seminar/Discussion) This course analyzes and evaluates the works of various social scientists who have written about urban poverty in the late 20th and early 21st centuries. The course addresses such questions as: what are the causes of today's urban poverty?; in what ways does urban poverty today differ from earlier forms of urban poverty?; what is its relationship to global economic forces?; what is its relationship to drugs, gangs, and violence? Writers studied may vary from year to year.
Restrictions: Honours Form Required. Students may not hold credit for this course and UIC-4520.

POL-4525 (3) Local Public Administration (3 hrs Seminar/Discussion) This course examines the processes of public administration at the local level and introduces students to the themes and challenges confronting leaders of local public administration in Canada. Topics covered in the class include the administration and institutional structures of municipalities and city regions, large public policy areas such as higher education, and the indigenous tradition of local public administration.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Honours Form Required.

POL-4600 (6) Directed Readings (3 hrs Directed Reading) A directed reading is an individual course of study arranged in consultation with a departmental supervisor. The program of reading and consultation is arranged by the supervisor and the student. The student is required to write a major paper and take an oral examination with a second reader based on it.
Note: Permission of the instructor is required.
Restrictions: Honours Form Required.

POL-4605 (3) Directed Readings (3 hrs Directed Reading) A directed reading is an individual course of study arranged in consultation with a departmental supervisor. The program of reading and consultation is arranged by the supervisor and the student. The student is required to write a major paper and take an oral examination with a second reader based on it.
Note: Permission of the instructor is required.
Restrictions: Honours Form Required.

POL-4610 (6) Honours Thesis (3 hrs Project / Thesis) Students enrolled in this course pursue a programme of independent research under the supervision of a faculty member. Students proposing to enrol in this course must consult a Department Honours advisor.
Note: Permission of the instructor is required.
Restrictions: Honours Form Required.

PORTUGUESE

PORT-1001 (6) Introductory Portuguese (3 hrs Lecture | 1 hrs Lab) This is designed for students who have little or no previous knowledge of Portuguese and who wish to acquire a solid base in the written and spoken language. An effort is made to place equal emphasis on reading, writing, aural comprehension and oral expression. To this end, one hour of language laboratory /small group supplements classroom work each week.
Note: Native speakers of Portuguese are not eligible to take this course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: PORT-1001L (lab) (must be taken concurrently).

PSYCHOLOGY

PSYC-1000 (6) Introductory Psychology (3 hrs Lecture) This course provides an introduction to the scientific analysis of behaviour and mental activity from the biological, social, and individual perspectives. Major topics include the following: perception, motivation, learning, memory, intelligence, personality, states of consciousness, social interaction, developmental processes, hereditary and environmental influences, abnormal psychology, therapeutic methods, and procedures for collecting and summarizing data. Students are expected to participate directly or indirectly in the Department's ongoing research program. This course is prerequisite for all other Psychology courses.
Restrictions: Students may not hold credit for this course and PSYC-1001.

PSYC-2101 (3) Introduction to Data Analysis (3 hrs Lecture | 3 hrs Lab) This lab course introduces basic data analytic techniques appropriate to experimental and non-experimental research designs. Topics include frequency distributions, descriptive statistics (e.g., mean, standard deviations), and inferential statistics (e.g., estimation and hypothesis testing for means, correlation and count data). The lab component provides an opportunity to develop computational and basic computer skills relevant to data analysis. This course is required for Majors and Honours students in Psychology.
Restrictions: Students may not hold credit for this course and STAT-1201 | STAT-1301 | STAT-1302 | STAT-1401 | STAT-1501 | STAT-1601 | STAT-2001.
Requisite Courses: PSYC-1000 [prerequisite(s)]; PSYC-2101L (lab) (must be taken concurrently).

PSYC-2102 (3) Introduction to Research Methods (3 hrs Lecture | 3 hrs Lab) This lab course introduces basic research designs. Topics include observation and measurement, reliability and validity, balanced coverage of experimental and non-experimental design strategies, control of extraneous variables, generalizability, and research communication. The lab component provides an opportunity to apply knowledge to research experiences that sample from representative areas of psychology. This course is required for Majors and Honours students in Psychology.
Restrictions: Students may not hold credit for this course and PSYC-2100.
Requisite Courses: PSYC-2101, STAT-1301 (or the former STAT-1201), STAT-1501 or STAT-1601 [prerequisite(s)]; PSYC-2102L (lab) (must be taken concurrently).

PSYC-2200 (3) Developmental Psychology I: Fundamentals (3 hrs Lecture) This course, along with PSYC-3200(3), serves as an introduction to developmental psychology. This course covers the following topics: historical and philosophical background (e.g., the nativist-empiricist conflict), theories of development, the biological foundations of early ontogeny (i.e., heredity, conception, prenatal development, and early post-natal development of the nervous system), developmental methodology, and the basics of human perceptual and cognitive development. This is the single 3 credit hour course prerequisite for more advanced courses in the developmental area.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2210 (3) Introduction to Educational Psychology (3 hrs Lecture) This course examines how the basic principles of psychology can be applied to educational research. Topics include heredity, environment, and maturation; motivation and learning; concept formation and creativity; teacher-student interactions; the school as a social system; and current technological advances in education.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2300 (3) Personality Psychology (3 hrs Lecture) This course introduces the various aspects of personality study. These may include (a) theories of personality, ranging from Freudian and revisionist Freudian perspectives to current formulations; (b) personality assessment from a psychometric perspective; and (c) past and present research on personality processes and individual differences.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2400 (3) Social Psychology I (3 hrs Lecture) This course emphasizes the social behaviour and cognitions of the individual in social context. Central topics dealt with from this perspective include social perception and impression formation; attitudes, beliefs, and values; prejudice and discrimination; and the formation and function of the social self. Other relevant topics include sex and gender roles and differences; moral judgment; social development, and social psychology applied to health, law, and justice. Theories and methodology relevant to this orientation and these topics will be examined.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2410 (3) Social Psychology II (3 hrs Lecture) This course emphasizes the social behaviour that emerges in groups of individuals in various interrelationships in social contexts. The theory and method necessary to understanding the principles governing this emergent social behaviour are stressed. Central topics include group dynamics; affiliation, attraction, and close relationships; interpersonal communication and transactions; aggression; prosocial behaviour and altruism; leadership; social change and conflict; and conformity and social control. Other relevant topics include organizational psychology and environmental psychology.
Requisite Courses: PSYC-1000 and PSYC-2400 [prerequisite(s)].

PSYC-2420 (3) The Psychology of Sex and Gender (3 hrs Lecture) This course examines whether and to what extent behaviours and attributes are gender-and/or sex-related. The psychological literature is examined for findings pertinent to the question of female-male differences and similarities, and for indications of socio-cultural and biological factors that may explain these findings. Current social beliefs and norms concerning sex

and gender are examined in the light of existing data.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2430 (3) Psychological Approaches to Social Issues (3 hrs Lecture) This course examines issues of social importance in light of psychological theory and research findings. The issues to be considered will vary with offerings of the course, but will include topics such as the psychology of war and peace, the social psychology of mental health care, the social applications of psychometric testing, the psychology of economic behaviour, etc. The specific topics for a particular offering may be obtained in advance from the Department.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2600 (3) An Introduction to Cognitive Psychology (3 hrs Lecture) This course examines empirical and theoretical approaches to the study of human cognitive processes. Topics to be discussed include perception, attention, short- and long-term memory, semantic memory, language, and thinking. Demonstrations illustrating major principles and exercises for improving cognition are included.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2610 (3) Perception I (3 hrs Lecture) At the border between the physical world and the mind lie the senses. Exactly how the senses manage to gather information about the world is a difficult question that has long engaged physicists, physiologists, anatomists, psychologists, engineers, and computer scientists. This course surveys the results and theories of this interdisciplinary field. The course is valuable preparation for those interested in such areas as audiology, optometry, human factors engineering, medicine, and psychology.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2620 (3) Psycholinguistics (3 hrs Lecture) This course provides an examination of the various models and approaches to language behaviour, with particular emphasis on contemporary psycholinguistic theory and research. Topics include language acquisition, the physiological and cognitive processes mediating language behaviour, semantic considerations, symbolic behaviour, animal communication, and the cultural context of language. This course may be of particular interest to students anticipating graduate study in communication disorders and psycholinguistics.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2800 (3) Fundamentals of Animal Learning (3 hrs Lecture) Contemporary approaches to the study of animal learning will be considered in order to highlight changes in perspectives occurring over the last fifteen years. Areas explored include animal cognition, evolutionary continuity of learning, and the application of learning principles to aid the understanding of clinical phenomena such as pain sensitivity and drug tolerance.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2900 (3) Physiological Psychology I (3 hrs Lecture | 3 hrs Lab) This course is an introduction to the physiological determinants of behaviour. The development, structure, and function of the nervous and endocrine systems are considered in detail. Topics to be covered include the brain bases of sensory, motor, and cognitive processes.
Requisite Courses: PSYC-1000 [prerequisite(s)]; PSYC-2900L (must be taken concurrently).

PSYC-2920 (3) Drugs and Behaviour (3 hrs Lecture) An examination of the physiological means through which drugs exert their effects on behaviour will constitute the core of this course. Topics covered include the assessment of behavioural drug effects, the basic structure and function of the nervous system and the general principles of pharmacology.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-3050 (3) Culture and Psychology (3 hrs Lecture) This course will examine research findings, theory, and methods related to the study of human behaviour and experience as a function of culture. Culture will be interpreted to include ethnicity and social class, but may also include other societal factors that have a similarly broad effect. We will examine the influence of culture on such domains as basic perceptual and cognitive processes, human development and family processes, and issues in social, personality, clinical, and abnormal psychology. Specific methodological and theoretical issues, such as proposals for indigenous theories and methods, will also be considered.
Requisite Courses: At least 3 credit hours in Psychology beyond the 1000 level or permission of the instructor [prerequisite(s)].

PSYC-3200 (3) Developmental Psychology II: Childhood (3 hrs Lecture) This course complements PSYC-2200(3) as the second part of an introduction to developmental psychology. The emphasis here is on theory and research on children. Topics covered will include personality and social development, as well as areas of study that will vary from offering to offering of the course (e.g., perceptual and cognitive development beyond the basics offered in PSYC-2200(3), language, intelligence, abnormal development).
Requisite Courses: PSYC-2200 [prerequisite(s)].

PSYC-3220 (3) Adult Psychology (3 hrs Lecture) This course examines theoretical views, research methodology, and research evidence pertaining to human functioning during adulthood and aging. In addition to examining basic processes such as memory and learning, attention will be given to such topics as job selection, marriage, retirement, life satisfaction, and death and dying.
Requisite Courses: PSYC-2200 [prerequisite(s)].

PSYC-3230 (3) Adolescent Psychology (3 hrs Lecture) This course examines contemporary data and theory concerning the nature of adolescence. Topics to be covered include:definition and history of theory and research on adolescence; family power structure; parent-peer cross-pressure; sex role development; identification; cognitive development; and the youth culture.
Requisite Courses: PSYC-2200 [prerequisite(s)].

PSYC-3450 (3) Organizational Leadership and Decision Making (3 hrs Lecture) This course provides an in-depth survey of research and theory about leadership and decision making in organizations. Power, trait, behavioral, contingency-based, social exchange and transformational models of organizational leadership are examined. Additional topics include leadership styles for effective group decision making, ethics in leadership and the impact of gender and culture on leadership.
Requisite Courses: PSYC-2400 or PSYC-2440 or BUS-2103 [prerequisite(s)].

PSYC-3470 (3) Forensic Psychology (3 hrs Lecture) This course examines ways that psychological principles can inform understand of and practices in the criminal justice system (i.e., law enforcement, courts, corrections). Topics to be covered include: detection of deception, eyewitness testimony, legal decision-making, juries, mental illness in court, risk assessment, psychopathology, and corrections. Research on psychological factors in the criminal justice system and field practices are emphasized.
Cross-listed: CJ-3470(3).
Restrictions: Students may not hold credit for this course and CJ-3470.
Requisite Courses: CJ-2101, or SOC-2125 and SOC-2126, or PSYC-2101 and PSYC-2102, or permission of the instructor [prerequisite(s)].

PSYC-3480 (3) Interpersonal Communication (3 hrs Lecture) This course emphasizes the multilevel communication processes that underlie and support social interaction and relationship formation and change. Special attention is given to the differences and connections between verbal and nonverbal communication and to the rules and rituals of social interaction in everyday life. The methodologies basic to the understanding of communication processes are also stressed.
Requisite Courses: PSYC-2400 or permission of the instructor [prerequisite(s)].

PSYC-3600 (3) Cognitive Processes (3 hrs Lecture) This course examines the nature of higher-order cognitive processing such as memory, thinking, problem solving, creativity, and decision making. The role of language in such processes is examined, and the application of cognitive principles in real life discussed. Demonstrations illustrating major cognitive principles and exercises for improving cognitive skills are included.
Requisite Courses: PSYC-2600 or permission of the instructor [prerequisite(s)].

PSYC-3700 (3) Abnormal Behaviour in Adults (3 hrs Lecture) This course will provide information important to the understanding of psychopathologies that occur in adulthood. Various perspectives (e.g., genetic/biological, social, etc.) and theories (e.g., behavioural, cognitive, psychodynamic, etc.) of abnormal behaviour will be discussed. A major emphasis will be placed on current research in understanding psychopathology.
Requisite Courses: PSYC-2102 or permission of the instructor [prerequisite(s)].

PSYC-3710 (3) Abnormal Behavior Children and Adolescents (3 hrs Lecture) This course will provide information important to the understanding of psychopathologies that occur during childhood and adolescence. Various perspectives (e.g., genetic/biological, social, etc.) and theories (e.g., behavioural, cognitive, psychodynamic, etc.) of abnormal behaviour will be discussed. A major emphasis will be placed on current research in understanding psychopathology that occurs during childhood and adolescence.
Requisite Courses: PSYC-2200 or permission of the instructor [prerequisite(s)].

PSYC-3720 (3) Behaviour Modification (3 hrs Lecture) This course deals with the application of the principles of conditioning theory to the teaching and modification of human behaviour.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-3740 (3) Introduction to Family Processes (3 hrs Lecture) This course will cover the theoretical aspects of family processes. Emphasis will be given to various theoretical formulations of family dynamics and treatment strategies. The use of family therapy for the treatment of various disorders will be discussed and compared to individual treatment approaches.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-3830 (3) Genes, Evolution, and Behaviour 1 (3 hrs Lecture) This course provides an introduction to the study of behaviour from the point of view of genetic inheritance and evolution. Emphasis is placed on the ways in which genetic analysis can help us to understand the interplay between the environment and genes in the determination of behaviour. Topics include genetic defects and chromosomal anomalies, classical ethology, population genetics, heritability estimation, and that aspect of population ethology known as sociobiology.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-3900 (3) Physiological Psychology II (3 hrs Lecture | 3 hrs Lab) This course is a continued study of the structure and function of the nervous system with an emphasis on the physiological and neurological processes underlying regulatory, instinctual, and social behaviour in animals and humans, and on brain systems involved in learning and memory. Laboratories focus on research techniques in neuroscience, including neuroanatomy, histology, electrophysiology, and neuroimaging.
Requisite Courses: PSYC-2900 [prerequisite(s)]; PSYC-3900L (must be taken concurrently).

PSYC-3910 (3) Human Neuropsychology (3 hrs Lecture) The course assumes basic knowledge of neuroanatomy and focuses on the understanding of neural function provided by a study of congenital malformation of structure, brain disease and behavioural loss. Topics include the following: developmental anomalies and associated behaviours; plasticity and recovery of function following insult or disease; localization of function; hemispheric specialization; epilepsy. Although not a prerequisite, Human Neuropsychology would be especially useful as a background for all the following courses:

PSYC-2600(3), PSYC-3600(3), and PSYC-4600(3).
Requisite Courses: PSYC-2900 [prerequisite(s)].

PSYC-3920 (3) Cognitive Neuroscience (3 hrs Lecture | 3 hrs Lab) This course provides an introduction to the field of cognitive neuroscience, the study of the neural substrates underlying cognitive functions. The course will examine the cognitive functions performed by all of the major brain areas, including memory, language, movement, emotion, and decision-making. Specific emphasis will be placed on understanding how different brain systems interact in order to support complex cognitive behaviours. The course is expected to provide a strong foundation in the converging fields of cognitive psychology and neuroscience; laboratories are expected to provide the research skills necessary to test the cognitive functions discussed during lectures.
Requisite Courses: PSYC-2900 [prerequisite(s)]; PSYC-3920L (must be taken concurrently).

PSYC-3930 (3) Mind, Brain, and Body (3 hrs Lecture) This course explores the new fields of psychoneuroimmunology and positive psychology examining how the brain and the body are influenced by psychological phenomena. Conversely, bodily states can influence and even trigger disorders of the mind. The course focuses on the physical and psychological consequences of stress and adversity and on different means of maximizing resilience and minimizing harm. Important amongst the psychological means of promoting health are the techniques being developed as part of positive psychology. Positive psychology fosters psychological and, reciprocally, physical health by promoting and strengthening positive (parasympathetic) emotions, fostering active engagement, and identifying meaningful activity.
Requisite Courses: PSYC-2101 and PSYC-2102 or permission of the instructor [prerequisite(s)]; PSYC-2900 (recommended to be taken previously or at the same time as this course).

PSYC-4010 (3) Advanced Readings and Research in Psychology I (3 hrs Directed Reading) This course allows students to engage in specialized readings and/or research of their own choice under the direction of a member of the Department of Psychology. Normally only subject matter not covered in an available course will be selected. Prior to registering for this course, a student must select an Advisor, prepare an Instructor-approved course of study, and submit the course of study for review by the Psychology Honours Committee. Forms are available from the Department of Psychology outlining this procedure. Registration will not continue without the completed forms.
Restrictions: Department Permission Required.
Requisite Courses: PSYC-4100 [prerequisite(s)].

PSYC-4020 (3) Advanced Readings and Research in Psychology II (3 hrs Directed Reading) This course allows students to engage in specialized readings and/or research of their own choice under the direction of a member of the Department of Psychology. Normally only subject matter not covered in an available course will be selected. Prior to registering for this course, a student must select an Advisor, prepare an Instructor-approved course of study, and submit the course of study for review by the Psychology Honours Committee. Forms are available from the Department of Psychology outlining this procedure. Registration will not continue without the completed forms.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-4010 [prerequisite(s)].

PSYC-4025 (3) Topics in Psychology (3 hrs Lecture) This course studies specific topics in Psychology at an advanced level. Students should consult with the department regarding potential offerings in a given year. Potential topics include: Psychology and the Arts, Reading Development and Dyslexia, Aggression and Violence, Political Psychology. This course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.

PSYC-4030 (3) Psychological Issues in Historical Perspective (3 hrs Lecture) This course deals systematically with selected theoretical and methodological issues common to contemporary psychology and its recent history. In any given year, consideration will be restricted to one or two major issues to be dealt with at an advanced level. The issues selected will be made known to students in advance registration.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-4040 (6) Honours Thesis (3 hrs Lecture) To complete the Honours degree each student must satisfactorily complete during his/her final year, a program of research under the supervision of at least two faculty members. Students wishing to enrol in this course should consult with the Department of Psychology.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-4100 or permission of Psychology Honours Committee [prerequisite(s)].

PSYC-4100 (6) Intermediate Research Design and Data Analysis (3 hrs Lecture | 3 hrs Lab) This lab course extends the basic research and data analysis methods introduced in 2101(3) and 2102(3). Topics in this course include intermediate research methods (e.g. computer-aided research design and literature search, construct validity), intermediate data analysis methods (e.g., analysis of variance and partial/multiple correlation techniques for selected experimental and non-experimental designs), and current issues in social science methodology. The lab component provides opportunities to design, execute, analyze, and report the results of behavioural research, and emphasizes the use of computers in research design and data analysis (e.g., the use of such statistical packages as BMDP, SAS, and SPSS). This course is required of all students in the Psychology Honours program.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2102 [prerequisite(s)]; PSYC-4100L (must be taken concurrently).

PSYC-4200 (3) Topics in Developmental Psychology (3 hrs Lecture) This course will examine selected topics in Developmental Psychology not covered by PSYC-4240(3)

Social Development and PSYC-4250(3) Cognitive Development. The exact topic(s) covered will be determined by the instructor and may vary from year to year.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2200 [prerequisite(s)].

PSYC-4240 (3) Social Development (3 hrs Lecture) This seminar course examines theory and research concerning social development from birth to adolescence. It will include topics such as attachment, sense of self, peer relations, play, aggression, prosocial development, moral development, family and other socialization influences, and gender role development.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2101, PSYC-2200 [prerequisite(s)].

PSYC-4250 (3) Cognitive Development (3 hrs Lecture) This course introduces the student to contemporary research in areas such as memory, language, and logical thinking, that comprise the psychological study of mental growth from birth to adulthood.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2102 [prerequisite(s)].

PSYC-4300 (3) Topics in Personality (3 hrs Lecture) This course will examine selected topics in personality theory and/or research. The exact topic(s) covered will be determined by the Instructor and may vary from year to year.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2300 or PSYC-3300 [prerequisite(s)].

PSYC-4350 (3) Freud: on Personality and Clinical Practice (3 hrs Lecture) This course, together with its sequel (PSYC-4355(3)), presents most of Sigmund Freud's psychological writing as it apears in the definitive English text, *The Standard Edition*. This first half covers Freud's theory of personality, including his concepts of the unconscious, infantile sexuality, the Oedipus complex, and dream interpretation. The course focuses on Freud's earlier writings and on the case studies of Dora, Little Hans, Rat Man, and Schreber.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-4355 (3) Freud: on Society and Culture (3 hrs Lecture) This course, the complement to PSYC-4350(3), is the second half of a survey of Sigmund Freud's work as it appears in *The Standard Edition*. The concern here is with the social theories Freud developed during the second half of his career. The major writings covered will be *Totem and Taboo*, *The Future of an Illusion*, *Civilization and Its Discontents*, *Group Psychology and the Analysis of the Ego*, *Moses and Monotheism*, and the case study of the Wolf Man. A principle theme of these works is the proposition that civilization relies. somewhat precariously, on a renunciation of instinct. While stressing the large titles listed above, the course follows the idea of instinctual ambivalence through various of Freud's shorter writings on sexuality (e.g., "Civilized sexual morality and modern nervous illness") and on literature and art (e.g., "Dostoevsky and parricide").
Restrictions: Honours Form Required.

PSYC-4400 (3) Topics in Social Psychology (3 hrs Lecture) This course is designed for the student who has some background in social psychology and wants to become acquainted with ongoing areas of social psychological research. Several topics will be investigated in depth, and these may vary from year to year. Topics might include prejudice and attitude change, the effects of media, gender roles, interpersonal attraction, aggression, or others.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2410 [prerequisite(s)].

PSYC-4410 (3) Research Seminar in Social Psychology (3 hrs Lecture) This course is designed for the student who has some background in social psychology and methodology and wants to pursue some aspect of it in depth. Each year the course will focus on a particular broad theoretical or applied area of social psychology (e.g., social cognition, group processes, interpersonal relationships) and students will pursue individual projects from within that area. Through exposure to these individual projects and a core of assigned readings, students will attempt to develop an understanding of the theoretical and methodological issues that are important to the development of research in the chosen area of social psychology.
Requisite Courses: PSYC-2410 and PSYC-4100 or permission of the instructor [prerequisite(s)].

PSYC-4600 (3) Topics in Human Learning and Memory (3 hrs Lecture) This course examines current research and theory in human learning and memory, with a particular emphasis on the historical development of issues in this area. The range of topics will vary depending on the interests of students.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2600 or permission of the instructor [prerequisite(s)].

PSYC-4610 (3) Topics in Perception (3 hrs Lecture) A research-based course consisting of lectures, demonstrations, and seminars on special topics relating to sensory and perceptual mechanisms in humans and non-humans. The range of topics will vary, depending on particular interests of students and current interests of the instructor.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2610 [prerequisite(s)]; PSYC-3611 (recommended prerequisite).

PSYC-4630 (3) Topics in Cognitive Psychology (3 hrs Lecture) This course examines a specific theoretical or applied topic in cognitive psychology. Sample topics might include: memory development, inhibitory mechanisms in cognition, cognitive psychology in education, and cognitive retraining after head injury. Please consult the Psychology Department for the current topic.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2600 or permission of the

instructor [prerequisite(s)]; PSYC-4100 (recommended to be taken previously or at the same time as this course).

PSYC-4700 (3) Topics in Abnormal Behaviour (3 hrs Lecture) This is an advanced level seminar in abnormal psychology. The focus of the course will be on recent research related to theories and mechanisms of abnormal behaviour. Topics will include factors related to the development, maintenance, and treatment of abnormal behaviour in children and adults.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-4100 or permission of the instructor [prerequisite(s)].

PSYC-4730 (3) Biological Considerations in Clinical Psychology (3 hrs Lecture) This course will deal with the biological bases of several psychological disorders. In addition, the various psychotherapeutic and pharmacological treatments will be discussed and compared. Topics may include disorders such as alcoholism, anorexia nervosa, mania, depression, schizophrenia, Parkinsonism, Huntington's Chorea, Alzheimer's disease.
Restrictions: Honours Form Required.

PSYC-4750 (3) Psychological Testing (3 hrs Lecture) This course deals with the theory, construction, and use of psychological tests. Primary emphasis is given to exploring the basic concepts in testing and general ability tests.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-4800 (3) Topics in Animal Learning (3 hrs Lecture) This course examines the mechanisms that underlie simple forms of learning in animals. Topics may vary from year to year.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2800 or permission of the instructor [prerequisite(s)].

PSYC-4820 (3) Neuroscience of Addiction and Fear (2 hrs Lecture | 2 hrs Lab) This course focuses on the link between neural mechanisms in the brain and behavior. Topics include how rewards, particularly drugs of abuse, change the brain, and how circuits in the brain permit humans and nonhumans to learn about and avoid potential dangers. Laboratories in the course employ computer aided simulations of the effects of brain lesions and localized drug infusions on the acquisition and extinction of fear learning in a fictional rat.
Note: PSYC-3900(3) or PSYC-3920(3) is recommended but not required.
Restrictions: Honours Form Required.
Requisite Courses: One of PSYC-2800, PSYC-2900, or PSYC-2920 [prerequisite(s)]; PSYC-3900 or PSYC-3920 is recommended but not required (recommended to be taken previously or at the same time as this course); PSYC-4820L (lab) (must be taken concurrently).

PSYC-4830 (3) Genes, Evolution, and Behaviour II (3 hrs Seminar/Discussion) This seminar course provides advanced study of behaviour from the point of view of genetic inheritance and evolution. Emphasis is placed on the ways in which genetic analysis can help us to understand the interplay between the environment and genes in the determination of behaviour. Specific topics to be investigated and presented by students include genetic defects and chromosomal anomalies, classical ethology, population genetics, heritability estimation, and that aspect of population ethology known as sociobiology.
Note: PSYC-3830 or BIOL-2301 recommended.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-1000 [prerequisite(s)]; Note: BIOL-2301 or PSYC-3830 is recommended (recommended to be taken previously or at the same time as this course).

PSYC-4900 (3) Topics in Physiological Psychology (3 hrs Lecture) This is an advanced seminar in physiological psychology. Topics are dependent upon the Instructor; students wanting more information are advised to check with the Psychology Department before enrolling.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-3900 [prerequisite(s)].

PSYC-4920 (3) Topics in Cognitive Neuroscience (3 hrs Lecture) This course provides a detailed survey of the emerging field of cognitive neuroscience. This interdisciplinary field examines the neural mechanisms contributing to cognitive, affective, and social processes. Topics may vary from year to year, and are discussed from neuroscience and behavioural perspectives with special emphasis on solving the research-design challenges associated with analyzing complex behaviours.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2900 and PSYC-3920 [prerequisite(s)].

RADIATION THERAPY

CCMB-2510 (3) Radiation Biology (3 hrs Directed Reading) This course deals with the fundamentals of radiation biology and focuses on the effects of radiation at a cellular and molecular level. The theory of radiation biology is examined at the cellular level and applied to the clinical impact on patients. Radiation biology gives us insight into ways to exploit cellular differences in healthy cells so as to increase the likelihood of tumor eradication. The theory of how radiation interacts with cells and tissues, what impact radiation has on organisms and the radiation patient, and how to best achieve our treatment goals are all examined in this lecture-based course.
Requisite Courses: CCMB-2540 or the former PHYS-2540, admission to the Radiation Therapy program or permission of the instructor [prerequisite(s)].

CCMB-2520 (3) Physics of Radiation Therapy (3 hrs Lecture) This series of lectures is designed to provide the student radiation therapist with a fundamental understanding of the physical nature of both photons and electrons and specifically the manner in which they interact with an absorbing/scattering medium. The concepts presented in this series will enhance the student's ability to make decisions regarding clinical radiation therapy treatments.
Requisite Courses: PHYS-1301, STAT-1501, Admission to the Radiation Therapy Program, or permission of the instructor [prerequisite(s)]; CCMB-2903 (must be taken concurrently).

CCMB-2530 (3) Industrial, Therapy & Imaging Apparatus (3 hrs Lecture) This course introduces the student to the principles of operation of radiation therapy simulation and treatment equipment. It focuses on design of equipment, physical processes involved in equipment operation and radiological imaging processes. Practical reinforcements of principles are provided in a lab setting.
Restrictions: Students may not hold credit for this course and PHYS-2530.
Requisite Courses: PHYS-1301, BIOL-1112, CCMB-2520, Admission to the Radiation Therapy program or permission of the instructor [prerequisite(s)]; CCMB-2913 (must be taken concurrently).

CCMB-2540 (3) Radiation Protection and Health Physics (3 hrs Lecture) This course reviews the fundamental concepts which are used to minimize risk when working with sources of ionizing radiation, with emphasis on the application of these concepts too radiation therapy. Topics covered include: types and sources of radiation, radiation quantities and units, biological effects and potential risk, basic principles of protection, regulation and dose limits, methods of dose monitoring, and application in radiation therapy.
Requisite Courses: CCMB-2904, CCMB-2520, Admission to the Radiation Therapy Program or permission of the instructor [prerequisite(s)].

CCMB-2901 (3) Professional Practice and Patient Care in Radiation Therapy I (3 hrs Lecture) This course focuses on a number of aspects relating to the practice of radiation therapy within the framework of the health care team. It provides the student with the knowledge and skills to practice competently and empathetically in a radiation therapy department. Topics covered include: legal and ethical aspects, communication skills, health promotion, assessment skills (including problem solving and critical thinking), psychosocial aspects of caring for cancer patients and their families, education (theory and practice), general and site related side effects of cancer treatment (primarily radiation therapy). The lab component provides opportunity to apply theory to practice in simulated situations.
Requisite Courses: CCMB-2902 (must be taken concurrently); Admission to the Radiation Therapy Program, BIOL-1112, SOC-1101, CPR First Aid [prerequisite(s)].

CCMB-2902 (3) Clinical Radiation Oncology I (3 hrs Lecture) This course introduces the student to the fundamental concepts, which support the use of radiation in the treatment of disease. It includes etiological and epidemiological aspects, the value of early diagnosis, the biological and pathological aspects of cancer in the human body, as well as the principles of radiobiology and general management of patients with malignant disease. Emphasis is placed on the role of radiation therapy in a curative or palliative role. Students will review several cancer sites and participate in labs to assist them in applying theory to simulated situations.
Requisite Courses: BIOL-1112 [prerequisite(s)]; CCMB-2901 and CCMB-2903 (must be taken concurrently).

CCMB-2903 (3) Treatment Planning and Dosimetry I (3 hrs Lecture) The goal is to provide the student with the necessary mathematical and technical skills, as well as the attitudes, which are required in the planning process. Because of the dangers inherent in the use of ionizing radiation the student must be knowledgeable of the various factors which need to be considered when using radiation for treatment. This course provides the basic information required to correctly calculate treatment parameters and accurately plan radiation treatments for patients.
Requisite Courses: Admission to the Radiation Therapy Program, PHYS-1301, BIOL-1112 [prerequisite(s)]; CCMB-2902 or CCMB-2520 (must be taken concurrently).

CCMB-2904 (3) Clinical Education I (Apprenticeship/Internship/Practicum with variable meeting hours) Students will apply basic concepts of radiation therapy to the planning and delivery of treatment. Opportunities to plan and deliver treatment, as well as to interact with patients; will be provided. This clinical is an orientation to the profession of radiation therapy, and is conducted under the supervision of a registered radiation therapist (R.T.T.). The focus will be on assessment, evaluation, communication, and application of theory to clinical practice.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2901, CCMB-2902, CCMB-2903, CCMB-2520 [prerequisite(s)].

CCMB-2911 (3) Professional Practice and Patient

Care in Radiation Therapy II (3 hrs Lecture) This course builds on Professional Practice and Patient Care in Radiation Therapy I (CCMB 2901). Topics will be reviewed from CCMB 2901 and additional topics as listed, are focused on in such a way that the student will directly apply them to radiation therapy. Topics covered include: professionalism, accountability and advocacy in health care, complementary and alternative treatments, psychosocial aspects of care, patient assessment and education, supporting physiological health, and various other tutorials relevant to the care of radiation therapy patients and their families. The lab component provides opportunity to apply theory to practice in simulated situations.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2904 [prerequisite(s)]; CCMB-2912 (must be taken concurrently).

CCMB-2912 (3) Clinical Radiation Oncology II (3 hrs Lecture) This course builds upon the knowledge and skills acquired in Clinical Radiation Oncology I. The course continues to focus on cancer, with emphasis on clinical presentation, routes of spread and the management of major tumor sites in both adults and children. Considerable time is spent on treatment techniques and sequelae of treatment, which enhances the student's critical thinking skills as it relates to a variety of scenarios. Students will also gain an understanding of systemic radiation therapy treatment and the role of radiation therapy in the treatment of benign disease. The lab component of this course provides the student with hands-on experience allowing them to relate the didactic material to simulated clinical situations.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2904 [prerequisite(s)]; CCMB-2911 and CCMB-2913 (must be taken concurrently).

CCMB-2913 (3) Treatment Planning and Dosimetry II (3 hrs Lecture) A continuation of Treatment Planning and Dosimetry I, this course focuses on the application of previously learned information. The course will actively encourage and provide opportunity for the student to apply knowledge in other related areas to the skilled and accurate planning of treatment. Treatment plans will be designed combining technical aspects (such as 3D conformal imaging, 3D imaging, adjacent fields, electron therapy, etc.), with the specific needs of the patient. In order to enhance learning, students will be encouraged to critique a variety of treatment plans, both as a method of evaluating their own work in terms of accuracy, efficiency, and feasibility; and as a quality assurance tool, promoting excellence in the field of radiation therapy.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2904 [prerequisite(s)]; CCMB-2912, CCMB-2530, or the former PHYS-2530 (must be taken concurrently).

CCMB-3901 (3) Directed Studies I (Directed Reading with variable meeting hours) This course is structured to provide a learner-centered environment and is intended to build on previous courses specific to radiation therapy and supporting students in understanding clinical oncology concepts of specified malignant conditions. This knowledge will enhance the student's problem solving and decision making capabilities and support the student's ability to perform in the clinical radiation therapy environment as they develop as Radiation Therapists.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2912 [prerequisite(s)]; CCMB-3914, CCMB-2510 or the former PHYS-2510 (must be taken previously or at the same time as this course).

CCMB-3903 (3) Directed Studies II (Directed Reading with variable meeting hours) Affiliations are scheduled in a number of areas within CCMB as well as other relevant areas (e.g., diagnostic radiography, MRI, US). An independant learning project, researching a topic of special interest to the student and culminating in a paper of not less than 3000 words must be submitted. Competency Based examinations will assess both the cognitive (knowledge, application and critical thinking) and affective domains of learning related to Radiation Therapy practice.
Requisite Courses: CCMB-3924 (must be taken concurrently); Admission to the Radiation Therapy Program, CCMB-3901 [prerequisite(s)].

CCMB-3914 (3) Clinical Education II (Apprenticeship/Internship/Practicum with variable meeting hours) Students will apply concepts of radiation therapy to clinical practice under the supervision of a registered radiation therapist (R.T.T.). The focus will be on the planning and delivery of radiation treatment, as well as assessment, communication, and teaching skills. Opportunities to problem solve through applications of knowledge to the clinical situation, will be provided.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2911, CCMB-2912, CCMB-2913, CCMB-2530 or the former PHYS-2530, CCMB-2540 [prerequisite(s)]; CCMB-3901 or CCMB-2510 (must be taken previously or at the same time as this course).

CCMB-3924 (6) Clinical Education III (Apprenticeship/Internship/Practicum with variable meeting hours) The student is assigned to a variety of clinical areas, with the majority of time spent in the planning and delivery of treatment. Students continue to apply fundamental concepts of radiation therapy to the care of cancer patients of all ages, and their families, during the time in which they are undergoing radiation therapy. The focus will be on the critical thinking, communication skills, team work, and advocacy. The level of clinical responsibilities is increased as the student performs competencies under the supervision of a registered radiation therapist (R.T.T.).
Requisite Courses: CCMB-3914 [prerequisite(s)]; CCMB-3903 (must be taken concurrently).

CCMB-3934 (6) Clinical Education IV (Apprenticeship/Internship/Practicum with variable meeting hours) The student will continue to apply fundamental concepts of radiation therapy, mainly in planning and delivery of care to cancer patients of all ages, and their families, during the time in which the patient is undergoing treatment. The level of clinical responsibilities is increased as the student performs competencies under the supervision of a registered radiation therapist (R.T.T.). The

clinical practice outcomes of this course begin to integrate the professional responsibilities of an RTT in the domains of cognitive, psychomotor, and affective skills. Students will be required to attend the Western Manitoba Cancer Centre in Brandon for a minimum 2 week rotation.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-3924 [prerequisite(s)].

CCMB-3944 (6) Advanced Clinical Education V (Apprenticeship/Internship/Practicum with variable meeting hours) The student continues to apply concepts of radiation therapy, in planning and delivery of care to cancer patients and their families, during the time in which the patient is undergoing treatment. The level of clinical responsibilities and complexity is increased from Advanced Clinical Education IV as the student performs competencies under the supervision of a registered radiation therapist (R.T.T.) The clinical practice outcomes of this course correlate with the entry-level professional responsibilities of an RTT in the domains of cognitive, psychomotor, and affective skills. Students are required to attend at the Western Manitoba Cancer Centre in Brandon for a minimum 2 week rotation.
Requisite Courses: CCMB-3934 [prerequisite(s)]; CCMB-4902 (must be taken concurrently).

CCMB-4902 (3) Independent Studies (9 hrs Directed Reading) This course is structured to provide a learner-centered environment and is intended to build on previous courses specific to radiation therapy and supporting students in understanding clinical oncology concepts of specified malignant, non-malignant and benign conditions. This knowledge enhances the student's problem solving and decision making capabilities and supports the student's ability to perform in the clinical radiation therapy environment as they develop as Radiation Therapists.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-3924 [prerequisite(s)]; CCMB-3944 (must be taken concurrently).

RELIGION AND CULTURE

REL-1002 (3) Exploring Religions: World's Religions (3 hrs Lecture) Religion is a universal phenomenon that varies in meaning from culture to culture. This course examines the ways religion is understood in different cultures, introducing basic concepts used in the academic study of religion (e.g., sacred and profane, myth and history, symbol and ritual, etc.) through a survey of the major world religious traditions (e.g., Judaism, Christianity, Islam, Hinduism, Buddhism, Confucianism, Taoism, and the religions of indigenous peoples of North and South America). The teachings of individual traditions, how these teachings developed over time, and differences in interpretation will be examined against the background of the culture that produced them.

REL-1003 (6) Exploring Religion: the Bible (3 hrs Lecture) The meaning of the Bible is seldom self-evident. It has been interpreted in different and sometimes contradictory ways by various faith communities, within both Judaism and Christianity, who look to the Bible as an authoritative religious guide. The course seeks to explain why the Bible has been interpreted differently by various religious groups living in different times and places. It does so by introducing students to modern biblical scholarship, which sees the Bible against the background of the historical, political, cultural and intellectual contexts in which the biblical texts were written and interpreted.

REL-2001 (6) Elementary Biblical Hebrew (4 hrs Lecture) This course will introduce students to the fundamentals of biblical Hebrew grammar and vocabulary. Selected prose texts in the Hebrew Bible will be read and translated.

REL-2010 (6) Introduction to Modern Standard Arabic (3 hrs Lecture | 1 hrs Lab) This course is designed to introduce Modern-Standard Arabic to students who have little or no prior knowledge of the language. Students learn the Arabic alphabet, master basic concepts of case and agreement, learn how to form *id~fah* constructions, and form simple nominal and verbal sentences. Vocabulary and additional grammatical concepts are discussed and integrated into classroom exercises and homework assignments. Near the end of the course students are introduced to classical Arabic for studying historical religious texts. Arabic speakers and persons with more than the most rudimentary prior knowledge of Arabic are not permitted to take this course.
Restrictions: Department Permission Required.
Requisite Courses: REL-2010L (lab) (must be taken concurrently).

REL-2125 (3) Modern Biblical Interpretation (3 hrs Lecture) This course begins with a study of contemporary hermeneutical theory, and proceeds to demonstrate modern approaches to reading and understanding biblical texts (interpretation), including the historical, literary, feminist, and social-scientific approaches.

REL-2127 (3) Major Biblical Themes (3 hrs Lecture) This course will examine biblical texts on various themes such as creation, salvation, law and covenant, priesthood and kingship, death and human destiny.
Restrictions: Students may not hold credit for this course and REL-3155.

REL-2131 (3) Apocalyptic Literature (3 hrs Lecture) This course will begin with a general introduction to apocalypse as a unique literary genre and will examine some of the problems of reading and interpreting apocalyptic writings in the light of their ancient contexts. This will be followed by an analysis of selected biblical and extra-biblical apocalyptic texts.
Restrictions: Students may not hold credit for this course and REL-2010_3.

REL-2211 (3) Studies in the Synoptic Gospels (3 hrs Lecture) This course seeks to understand the origin of the three Synoptic Gospels of the New Testament - Matthew, Mark, and Luke - and the relationship among them. The study also involves a close examination of the distinctive character of these Gospels according to their literary and theological presentations of Jesus.
Restrictions: Students may not hold credit for this course and REL-2211_6.

REL-2304 (3) Atheism, Skepticism and Religion (3 hrs Lecture) This course explores the five major contemporary critiques of religion, all of which have their roots in the writings of 19th and 20th Century critics of religion. Students will learn about the original historical contexts of the interpretations of religion advanced by Karl Marx, Sigmund Freud, Emile Durkheim, Max Weber, and Friedrich Nietzsche. The main concern of the course is to examine how these five powerful critiques shape the ways contemporary North Americans understand religion.

REL-2305 (3) Early and Medieval Christianity (3 hrs Lecture) This course introduces students to the religious and social changes that took place within the Christian tradition in the first fifteen centuries of the Common Era. Students explore the varieties of Christianity that emerged in this period in response both to theological debates within the church and to political forces in Europe, Africa and the Middle East. This course examines the changing relations between the church and imperial powers, as well as the development of monastic orders, mystical piety, the sacramental system, and the papacy. In addition, several key figures (such as Augustine and Aquinas) and key debates (such as the nature of sin and the trinity) are discussed.
Restrictions: Students may not hold credit for this course and REL-2300 | REL-2301 | REL-2311.

REL-2306 (3) Christianity in the Modern Era (3 hrs Lecture) This course is a survey of modern Christianity as a global phenomenon from the 16th century to the present. This course examines the changing role of the church within the modern world from the Reformation to contemporary societies. It also examines the decline of Christianity in the West and its growth in the global South. Finally, this course introduces students to major thinkers

within the modern church, including Martin Luther, Menno Simons, Dietrich Bonhoeffer, Dorothy Day, Desmond Tutu and Kwok Pui Lan.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

REL-2363 (3) Mennonite Studies I (3 hrs Lecture) This course is a survey of the origins and history of the Anabaptists in Switzerland, the Netherlands, Germany, Prussia and Russia. Attention is given to the interaction of religion and culture in the history of European Mennonites.
Cross-listed: HIST-2108(3) and REL-2363(3).
Restrictions: Students may not hold credit for this course and HIST-2108 | MENN-2101.

REL-2364 (3) Mennonite Studies II (3 hrs Lecture) This course is a survey of the immigration and resettlement of Mennonites in Russia and in North and South America. The course includes a study of the origins and distinctive characteristics of particular Mennonite groups and conclude with a brief survey of Mennonites around the world.
Cross-listed: HIST-2109(3), MENN-2102(3).
Restrictions: Students may not hold credit for this course and HIST-2109 | HIST-3109 | MENN-2102.

REL-2401 (3) Religion and Popular Culture (3 hrs Lecture) This course considers the place of religion in North American popular culture. It explores how elements of popular culture (e.g., radio and television programs, compact discs, films, videos, and fashion) influence the ways many people conceive of religion and its role in their lives. Through this exploration, students will develop critical skills necessary to analyze ambiguous cultural phenomena, examining both the ways religious traditions are depicted in popular culture, and how religions respond to the values and beliefs implicit in popular culture itself.

REL-2402 (3) Fundamentalisms in Global Context (3 hrs Lecture) Fundamentalism is one of the most prominent religious phenomena in contemporary cultures and around the world. This course will explore a variety of so-called "fundamentalist" religious movements in contemporary Judaism, Christianity, and Islam. What do these groups have in common, and what distinguishes them from each other? It will also consider how appropriate the term "fundamentalist" is for understanding these groups and individuals and what the implications of this "fundamentalist" label are for them. Several "fundamentalist" religious movements will be discussed in order to understand their relationship with "modernity" and "pluralism", the two traditions to which fundamentalists seem to be responding.

REL-2405 (3) Religion and Culture: the Multifaith Society (3 hrs Lecture) The focus of this course will be on the ways Canadian institutions both reflect and have responded to religious pluralism. While French and British Christians dominated this country for hundreds of years, contemporary Canada is characterized by increasing multiculturalism. The less restrictive policies Canada adopted towards non-European immigrants in the 1960s have transformed the status and situation of religion in major institutions such as universities, government, and the media. The purpose of this course is to help students reflect critically on the overall place of religion in a society, the inherent Christian and "euro-centric" foundations of which have been challenged by growing non-Christian and/or non-European communities.

REL-2406 (3) Issues in the Study of Secular Society (3 hrs Lecture) This course explores issues of contemporary interest regarding the study of religion and secular society, focusing on social, moral, political and existential aspects of western secularity. Broadly, the course engages topical questions of public life in a secular world from an interdisciplinary perspective. Issues of focus may include: the role of religion in the public sphere; religion, secularism and social justice; individual and group identity in secular contexts; ecology in a secular world; communication in secular society; skepticism, atheism and religious faith.

REL-2407 (3) Contemporary Religion from a Social Scientific Perspective (3 hrs Lecture) This course will introduce students to the ethnographic approach to religious phenomena, as well as the range of social scientific theories with which ethnography is associated. The distinguishing feature of ethnographic research is the way it involves the observer in the everyday lives of the people he or she is studying. This course explores several recent examples of participant observation research in the context of North American religious groups. As well, the course considers the relevance of the work of scholars such as Malinowski, Levy-Bruhl, Turner, and Geertz for the ethnographic study of contemporary religious life.

REL-2425 (3) Religion and Contemporary Moral Issues (3 hrs Lecture) This course explores the relationship between religion and morality through a consideration of selected contemporary moral issues and the religious responses to them. Issues to be considered may include those pertaining to gender and sexuality, beginning and end-of-life debates, war and peace, ecology and the environment, human rights and social justice. Through its engagement with each of these issues, the course analyzes how religion implicitly and explicitly shapes modern moral thinking.

REL-2507 (3) Sexuality in the Religious Context (3 hrs Lecture) This course will observe patterns in the interpretation and regulation of human sexual relations in one or more of the major religious traditions, and will explore the implications of changes in these relationships in the modern world for those whose cultures are informed by those traditions. Included will be the implications of feminist movements for contemporary religions.

REL-2511 (3) Religion and Society: the Critique of Development (3 hrs Lecture) The course will examine the rise of a secular, capitalist, technological world order in Western Europe and North America, and its impact upon the rest of the world. The contribution of Christianity to this new world order, together with its increasing

marginalization, will be noted. The responses of the affected cultures and religions, in particular their critique of Western imperialism and its visions of development, and their alternative proposals, will be examined. The role of religion as a factor which inhibits or encourages social change, in different contexts, will be a main theme.
Restrictions: Students may not hold credit for this course and REL-2512.

REL-2513 (3) Health, Healing and Spirituality in Cross-Cultural Perspective (3 hrs Lecture) This course examines the role which spirituality plays in health and the practice of healing, exploring how different ideas about healing and spirituality are rooted in distinct cultural perspectives. Topics covered will include comparisons of the relationship between religious beliefs, the process of healing, and the practice of medicine in the history and current experience of different cultures, both Western and Non-Western.

REL-2515 (3) Ecology and Religion (3 hrs Lecture) This course explores the relationship between the religious beliefs and perceptions about nature in the context of Western, Eastern, and indigenous cultures. A critical examination is offered of the ways in which Christian perceptions of nature have influenced the development of western science and technology. As well, the course provides a survey of some contemporary scholarly attempts to relate ecology and religion.

REL-2560 (3) Secularism in Comparative Perspective (3 hrs Seminar/Discussion) How are "religion" and "secularism" best understood? In what ways are they related to one another? What can these relations tell us about "liberal" and "fundamentalist" socio-political movements in different parts of the globe? This course addresses these questions by introducing students to the latest anthropological scholarship on religion and secularism. Students explore how different forms of secularism interact with various Abrahamic and Asian religious traditions. Course readings cover a number of different countries including Egypt, France, Russia, Israel, India, and China.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

REL-2601 (3) Contemporary Jewish Life (3 hrs Lecture) This course will examine the beliefs, trends, and institutions operative in modern Jewish communities, particularly in North America, Europe, and Israel. Contemporary Judaism will be seen in both its religious and cultural aspects.

REL-2605 (3) Modern Christian Denominations (3 hrs Lecture) This course concentrates on specific Christian institutions, bodies or movements such as, but not limited to, the following: The Roman Catholic Church, the Orthodox Church, the Anglican Church, the United Church of Canada, and the Pentecostal churches.

REL-2607 (3) New Religions in North America (3 hrs Lecture) This course will survey alternative religious movements which have recently arisen in North America, some as mission enterprises from elsewhere, others as spiritual responses from within the North American situation. Winnipeg and Manitoba groups will be emphasized. The aim of the course will be to understand the groups on their own terms, and to begin to think about how we might respond to and evaluate these movements.

REL-2632 (3) The Holocaust in Europe Field Course (3 hrs Lecture) This 3-credit field course in Europe builds on themes and content surveyed in HIST-2328, Antisemitism and the Holocaust. It investigates Jewish cultural and religious life in Europe before the Second World War, the nature and institutions of Nazi Germany, the ghetto and camp system created as a part of the Final Solution, the economics of slave labour as part of the German war economy, post-war memorialization of the destruction of European Jewry, and contemporary European antisemitism. Locations for the field course vary for specific course offerings, but include sites in Poland and other countries throughout Central Europe.
Cross-listed: HIST-2332(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and HIST-2332.
Requisite Courses: HIST-2328 or permission of the instructor [prerequisite(s)].

REL-2703 (3) Religions of India (3 hrs Lecture) This course explores the diversity of religious expression in India against the background of Indian culture. The focus will be on the origins and historical development of Indian ideas and practices. These are represented in the dominant tradition of Hinduism, as well as other important traditions originating in India (Buddhism, Jainism, and Sikhism), emphasizing continuities, patterns, and distinct developments.

REL-2704 (3) Buddhist Traditions in India and Southeast Asia (3 hrs Lecture) The course examines Buddhist beliefs and practices, focusing on the life and teachings of Gautama, the historical founder, the interpretation of his message in the Theravada tradition, and the development of Mahayana tradition in India. Special attention is given to examining the scriptural literature upon which these traditions are based and the spread of Theravada traditions to Sri Lanka and Southeast Asia.

REL-2707 (3) Chinese Religions (3 hrs Lecture) This course is a study of the basic beliefs and practices of the Chinese as informed by the three major Chinese traditions: Confucian, Taoist (Daoist), and Buddhist. The course will examine the development of each of these traditions, as well as their blending into a comprehensive set of beliefs and practices that shaped the common understanding and practice of Chinese religion. The effect of Communism on Chinese religious life and the resurgence of religion in Contemporary China will also be examined.
Cross-listed: EALC-2707(3).

Restrictions: Students may not hold credit for this course and EALC-2707.

REL-2708 (3) Religion in Japanese Life (3 hrs Lecture) This course examines the religious life of the Japanese people, as informed by traditions deriving from the native Shinto religion of Japan, the adapted traditions of Buddhism and Confucianism, and the impact of Westernization and modernization on traditional beliefs and practices.
Cross-listed: EALC-2708(3).
Restrictions: Students may not hold credit for this course and EALC-2708.

REL-2709 (3) Women in Asian Religions (3 hrs Lecture) The course examines the experience of women in several Asian cultures (e.g., India, China, Japan), in different religious traditions (e.g., Hinduism, Buddhism, Confucianism, Daoism). The course is intended as a comprehensive introduction to women's experience in both pre-modern and modern contexts, with attention to how women are perceived and perceive themselves in religious and cultural roles.
Cross-listed: EALC-2709(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and EALC-2709.

REL-2710 (3) Classical Islam (3 hrs Lecture) This course focuses on the religious tradition of Islam from its inception through the medieval period. The message and the style of the Qur'an are examined, and Muhammad's life and experience as a prophet are traced. The fundamental beliefs and major practices of Islam are critically explored. The course also examines the emergence of religious, political and legal institutions in the early centuries of Islam. In addition, attention is given to theological, philosophical and mystical interpreters of Islamic ethos, with particular reference to specific scholarly interpretations from different regions of the Islamic world.

REL-2711 (3) Contemporary Islam (3 hrs Lecture) This course explores Islam as a faith and way of life in the modern context. Examples of Muslim approaches to modernity in general are examined, and modern interpretations of selected Qur'anic themes are studied. Themes such as gender equality and the freedom of women, and their implications for contemporary Islam, are discussed. The course traces the activities and opinions of Muslim organizations from the Muslim world. In addition, it assesses the current status of Islam in North America.
Restrictions: Students may not hold credit for this course and REL-2701.

REL-2713 (3) Muslims in Canada (3 hrs Lecture) This course provides an historical overview of the Muslim community in Canada. The rise and development of Islamic institutions, organizations, associations, and forms of leadership are examined. In addition, Islamic identity, religious lifestyle, Islamic education, and the range of challenges facing Muslims living in Canada are discussed.

REL-2714 (3) Gender and Sexuality in Muslim Societies (3 hrs Lecture) This course addresses gender and sexuality in Muslim Societies. It is divided into two parts. The first part explores Islamic legal doctrine on women's status, focusing on: (1) marriage and divorces; (2) property rights and inheritance; (3) veiling and segregation. Students review scriptural texts on these issues, and examine how these texts have been interpreted and applied in both the pre-modern and modern periods. The second part of the course explores Muslim understandings of masculinity and the same-sex attraction. Special attention is given to cultural shifts since the nineteenth century and the impact of contemporary Western conceptions of "homosexuality".
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and REL-2702.

REL-2715 (3) African Religions (3 hrs Lecture) Africans have, for long, practiced several closely related but diverse religions. This course surveys African Religions taking into account this religious plurality. Certain themes, including, cosmology and mythology, monotheism and polytheism, divinity and experience, rituals, etc., are discussed. Selected African Religions are introduced, briefly, highlighting these themes according to geographical locations (mainly in the sub-Sahara). Detailed treatment of one or more religions from each region is provided. For current concerns, this course critically studies selected works by scholars of African religions on various topics (from theory and method to roles of women).

REL-2718 (3) Buddhist Traditions in East Asia (3 hrs Lecture) This course traces the historical development of Mahayana (Great Vehicle) Buddhism in East Asia, focusing on the founding of East Asian Buddhist traditions in China, and their transmission to Korea and Japan. The course introduces the major beliefs and practices associated with East Asian Buddhism, the schools, figures, and texts that form the traditions that have flourished in East Asian countries. In addition to Chinese Buddhist developments, the course examines the adaptation of Chinese Buddhist traditions in Korea and Japan.
Cross-listed: EALC-2718(3).
Restrictions: Students may not hold credit for this course and EALC-2718.

REL-2719 (3) Religion and Politics in the Middle East (3 hrs Lecture) This course examines the relationship between religion and politics in the contemporary Middle East. Class readings cover a wide variety of Middle Eastern states such as Turkey, Israel, Iran, Egypt, Syria, and Iraq. Key topics covered in the course include religion-based political movements, the place of religion in regional struggles over democracy and human rights, the place of religion in sectarian and ethnic conflicts, and the role of women in regional debates over religion. Attention is given to relevant current events affecting the contemporary Middle East.

REL-2721 (3) Traditional Japanese Culture (3 hrs Lecture) This course surveys traditional Japanese culture through an exploration of visual and dramatic arts, literature, philosophy, and religion. Special emphasis is placed on cross-cultural roots that bridged Japan with its neighbouring countries in East Asia. The historical foundations of popular Japanese contemporary culture - Manga, Anime, and high technology to name a few - are also discussed.
Cross-listed: EALC-2721(3) and ANTH-2121(3).
Restrictions: Students may not hold credit for this course and ANTH-2121 | EALC-2721.

REL-2725 (3) Food in Japanese Culture (3 hrs Lecture) This course explores the culture and history of Japanese cuisine. Designated in 2013 by UNESCO as part of the world's "Intangible Cultural Heritage." Japanese food is no longer restricted to Japan itself, but is now an integral component of global culinary culture. In the class, students follow the evolution of Japanese food from its origins in prehistoric hunting-gathering and rice cultivation to its globalization in fusion cuisine of the twenty-first century. The course ultimately aims to demonstrate how Japanese food today is not necessarily Japanese in origin, but the product of intra and later intercontinental cultural, political, and religious networks.
Cross-listed: EALC-2725(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and EALC-2725.

REL-2731 (3) Chinese Culture and Beliefs (3 hrs Lecture) This course focuses on Chinese traditions and values that have influenced modern Chinese society. This course is introductory and requires no prior knowledge of Chinese language and history. All the texts in this course are in English. Students discover ways in which cultural representations in social life, customs, business practice, literature, and art have affected and are being affected by beliefs. Through lecture and guided discussion students better understand how traditions and beliefs continue to inform about Chinese culture today.
Cross-listed: EALC-2731(3).

REL-2733 (3) Religious Traditions of Korea (3 hrs Lecture) This course provides an historical overview of Korean religious traditions. We examine the historical processes that world religious traditions--Buddhism, Confucianism, and Christianity--have undergone in Korea. Then we consider the Korean folk religious tradition, Shamanism, and new religions in relation to the social context of contemporary Korea. The various Korean religious traditions are critically examined in terms of their cumulative, participatory process in world religious history.

REL-2735 (3) Buddhism Through Art (3 hrs Lecture) When Buddhism entered China just after the turn of the Common Era it was referred to in Chinese as, "the teaching of images." It was the tradition full of artistic forms: devotional statues, illustrated manuscripts, majestic carved caves, and colossal cliff-side figures. These artistic forms proliferated across East Asia wherever Buddhists practiced their faith. In this course, students learn about the tradition of Buddhism as did many millions of people pre-modern Asia, through visual sources. Using online tools, student trace the history, teachings, and movement of Buddhism from South to East Asia through visual sources.
Cross-listed: EALC-2735(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and EALC-2735.

REL-2740 (3) Spirits, Ghosts and Demons: Exploring the Supernatural in Pre-Modern East Asian Literature and its Contemporary Cinematic Adaptations (3 hrs Lecture) This course introduces students to classic works of pre-modern East Asian fiction and drama that contain elements of the supernatural. It screens cinematic and theatrical adaptaptions of pre-modern ghost stories and offers a comparative perspective on how pre-modern texts and culture are consumed today. We can view supernatural interventions as a measuring stick against which to gage the propriety of primary characters. Potential topics include: gender, purity and contamination, religion, cultural taboos, and changing views toward supernatural elements in literature in the modern period.
Cross-listed: EALC-2740(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and EALC-2740.

REL-2774 (3) Chinese Intellectual History (3 hrs Lecture) This course explores the intellectual history of China, focusing on developments before the Qing Dynasty(1644). Leading intellectual currents of Chinese thought are examined within the historical contexts that produced them. Special attention is given to interactions and debates within and between the traditions of Confucianism, Daoism (Taoism), and Buddhism.
Cross-listed: EALC-2774(3).
Restrictions: Students may not hold credit for this course and EALC-2774.

REL-2801 (3) Introduction to Indigenous Spirituality (3 hrs Lecture) This course provides an introduction to the plurality of Indigenous religious traditions in North America and the diversity, complexity, and vitality of these traditions. Included in the course content is an understanding of traditional ceremonies, cosmology or worldview, creation stories and other narrative forms, cultural values, healers, and medicine. Special attention is given to Anishinaabe, Omushkego, and Dakota traditions.

REL-2802 (3) Indigenous and Christian Encounter (3

hrs Lecture) This course will explore Indigenous Spirituality in the context of the encounter between Christianity and the traditional religions of the Indigenous peoples of Canada from first contact to the present. Topics will include missionary societies, residential schools and historical and contemporary responses to the Christian tradition. Special attention will be given to Anishnabe, Omushkego, and Dakota traditions.
Restrictions: Students may not hold credit for this course and REL-2805.

REL-2803 (3) Indigenous Sacred Narratives (3 hrs Lecture) In Indigenous traditions, storytelling is an important means by which cultural values, traditional knowledge and worldviews are taught. In this course, students are introduced to the vast corpus of sacred narratives found in Indigenous religious traditions in the Americas. Narratives are examined to identify mythic themes/story types, human and non-human characters, cultural values, and traditional teachings. Indigenous and academic concepts are used to understand the importance and meaning of sacred narratives. Methodological and interpretive issues in the study of myth are explored.

REL-2804 (3) Global Perspectives on Indigenous Societies, Spiritualities, and the Environment (3 hrs Lecture) This course explores the spiritual traditions of Indigenous cultures throughout the world. For example, we examine the role of elders and shamans in various aboriginal societies, their understandings of the environment in which they live, and their various expressions of spirituality. The course discusses the recognition of Indigenous rights at the United Nations and its implications for preserving land, cultures and spiritualities. Finally, students reflect on the effect of development on Indigenous lands and how that is affecting Indigenous societies and their traditional belief systems.
Cross-listed: IDS-2804(3).
Restrictions: Students may not hold credit for this course and IDS-2804.

REL-2811 (3) Indigenous Spirituality and Art (3 hrs Lecture) This course will discuss the role of spirituality in Indigenous contemporary art. We explore Indigenous scholarly and artistic production that centres around spiritual themes and concepts. How do popular and academic discourses negotiate "Indigenous spirituality"? How are these notions extended, affirmed, or challenged by Indigenous contemporary art works? In our class we explore "spirituality" and "contemporary art" through the lens of Indigenous practices of art production and reception.
Cross-listed: HIST-2811(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and HIST-2811.

REL-2901 (3 or 6) Art in Non-Christian Religions (3 hrs Lecture) This course explores the intrinsic links within non-Christian religious traditions between beliefs and social systems and the art produced in those contexts. We examine different traditions, regions, and eras, in religions such as Buddhism, Hinduism, Islam, Judaism, and Aboriginal Spirituality, and media such as architecture, decorative arts, painting, and sculpture. Students explore art's implicit and explicit messages about the religious beliefs of its producing society, the function of art in particular religions, and how one reads religious art. We investigate the impact of social, economic, and power structures on religious art, and the role of patronage in art production.
Cross-listed: HIST-2802(3).
Restrictions: Students may not hold credit for this course and HIST-2802.

REL-2942 (3) The Philosophy of Yoga (3 hrs Lecture) In this course students become acquainted with the dualistic philosophy of Vedanta and classical yoga through their study of the Bhagavad Gita and Patangali's Yoga Sutras. Students also examine the practices and teachings of the non-dualistic philosophy of Kashmir Shaivism as an evolution of the earlier teachings. The Siva Sutras are used to exemplify and illustrate these teachings. This course is taught using a mixture of lectures, group discussions and individual Yogic exercises/practices.

REL-3011 (3) Intermediate Classical Arabic (3 hrs Lecture) This course is a continuation of REL-2010 Introductory Classial Arabic. Students continue their study of classical Arabic for studying historical religious texts. The goal of this course is to be able to form and understand Arabic sentences with short vowels. Selected historical religious texts, such as Qur-anic and prephetic texts, are utilized in the course instruction.

REL-3120 (3) The Prophets in Israel's Culture (3 hrs Seminar/Discussion) This course is a study of the biblical prophetic literature in its social and religious context, paying attention to the prophets' perspectives on social, political, theological, and moral concerns.
Cross-listed: REL-4120(3).
Restrictions: Students may not hold credit for this course and REL-3121 | REL-3122 | REL-4120.
Requisite Courses: REL-1003, REL-2125, or REL-2127 or permission of the instructor [prerequisite(s)].

REL-3125 (3) Biblical Myths, Legends, and Folktales (3 hrs Seminar/Discussion) This seminar course begins by surveying major cross-cultural approaches to the study of myths, legends, and folktales. These approaches are then applied to biblical stories such as the Garden of Eden, flood, ancestor stories, and exodus traditions.
Cross-listed: REL-4125(3).
Restrictions: Students may not hold credit for this course and REL-4125.
Requisite Courses: REL-1003 or permission of the instructor [prerequisite(s)].

REL-3157 (3) Women in Ancient Israel (3 hrs Seminar/Discussion) This course examines the roles and status of women in ancient Israelite culture and religion. Topics to be treated include women in myth and other genres of traditional narrative, the female life-cycle, and

women in law, politics, priesthood, and prophecy.
Cross-listed: REL-4157(3).
Restrictions: Students may not hold credit for this course and REL-4157.
Requisite Courses: REL-1003 or REL-2111 or REL-2125 or WGS-1232 or permission of the instructor [prerequisite(s)].

REL-3504 (3) The Problem of Evil (3 hrs Seminar/Discussion) In this seminar, we explore some of the ways Christians, Jews, and Muslims have conceptualized evil and responded to the problem of evil throughout history. In order better to understand this perennial religious problem, we consider selections from ancient scriptures, philosophical explanations, theological responses to catastrophes such as the Holocaust, and the depictions of evil in North American popular culture.
Cross-listed: REL-4504(3).
Restrictions: Students may not hold credit for this course and REL-4504.
Requisite Courses: Any 6 credit hours in Religion & Culture or permission of the instructor [prerequisite(s)].

REL-3512 (3) Religious Quest in the Modern Age (3 hrs Seminar/Discussion) Students in this course explore contemporary literature against the cultural and political background that produced these kinds of fiction. Students examine the ways in which these books rely on traditional explicitly religious themes as well as broader modern and post-modern concerns such as the question of selfhood, the search for freedom, the grappling with death, and the search for meaning. Authors may include Joseph Conrad, Franz Kafka, Dionne Brand, Arundhati Roy, Shauna Singh Baldwin, Albert Camus, Carol Shields, Rohinton Mistry, Umberto Eco, Yann Martel, Joy Kogawa, Jonathan Franzen, and Margaret Atwood.
Cross-listed: REL-4512(3).
Restrictions: Students may not hold credit for this course and REL-4512.
Requisite Courses: 6 credit hours in Religion & Culture or permission of the instructor [prerequisite(s)].

REL-3521 (3) Religion and Science in the West: Debate and Dialogue (3 hrs Seminar/Discussion) This course investigates the complex interrelationship between science and religion in western culture. Until the Enlightenment, western religion and science existed in relative synergy. However, with the emergence of scientific perspectives (like Galilean heliocentrism and Darwinian evolutionary theory) that offered interpretations of reality that diverged from the dominant religious imaginary of the time, western history witnessed increasing clashes between religion and science. Some contemporary commentators assume the conflict to be inevitable, while others envision complementarity between religion and science. The course considers both sides of the debate in order to better understand the relationship between science and religion in modernity.
Cross-listed: REL-4521(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and REL-4521.
Requisite Courses: A minimum 3 credits of Religion & Culture at the 2000-level in the Religion and Modern Western Culture area of study, or obtain permission of the instructor [prerequisite(s)].

REL-3601 (3) Storied Lives: Contemporary Spiritual Biographies and the Construction of Identity (3 hrs Seminar/Discussion) In this course students will be introduced to the current social scientific reflection on the "life history" as a means of understanding individuals and contextualizing the larger notions of "religious traditions" and "culture". Specifically, we will consider the ways people construct and maintain their religious identities through weaving their own experiences into a narrative which includes other individuals and institutions. In addition to considering this method theoretically, students will have an opportunity to employ this tool in the context of fieldwork.
Cross-listed: REL-4601(3).
Restrictions: Students may not hold credit for this course and REL-4601.
Requisite Courses: 6 credit hours in Religion & Culture or permission of the instructor [prerequisite(s)].

REL-3701 (3) Issues in the Interpretation of the Qur'an (3 hrs Seminar/Discussion) In this seminar, some of the issues pertaining to Qur'anic interpretation (exegesis) are discussed. After gaining an understanding of the book as a scripture, the history and the development of its exegetical venture is traced. Approaches of both classical and modern Muslim commentators on the Qur'an are explored. The Orientalists' approach to the Qur'an and its interpretation is also examined. For practical concerns, this course deals with the interpretation of the Qur'an in a broader context. Examples include the Qur'anic commentaries on Moses and Jesus.
Cross-listed: REL-4701(3).
Restrictions: Students may not hold credit for this course and REL-4701.
Requisite Courses: REL-1002, REL-2701, REL-2702, REL-2710 or REL-2711 or permission of the instructor [prerequisite(s)].

REL-3708 (3) Topics in Buddhist Culture and Society (3 hrs Seminar/Discussion) This course explores topics of contemporary interest regarding the study of Buddhism and society, examining major issues facing Buddhism in the Asian context, focusing on aspects of the institutional, social, and political role played by Buddhism. May be taken for credit more than once, with permission of instructor. Topics may include: Buddhism and Tibetan identity in the struggle for Tibetan autonomy in China, the Buddhist monastic institution and its role in society, and debates over the interpretation of Buddhism in modern Asian countries.
Cross-listed: REL-4708(3) and EALC-3708(3)/4708(3).
Restrictions: Students may not hold credit for this course and EALC-3708 | EALC-4708 | REL-4708.
Requisite Courses: 6 credit hours of EALC course work or permission of the instructor [prerequisite(s)].

REL-3720 (3) Topics in Japanese Culture and Society

(3 hrs Seminar/Discussion) This course explores the development of intellectual culture in Tokugawa Japan (1600-1858). We examine the slaughter of Japanese Christians and Confucianism's subsequent rise as a state ideology for the Shogunate. We study how an increasing number of scholars responded to Chinese learining by turning toward Neo-Confucianism, Japanese nativism, and Western learning, as alternatives to Classical Confucian education. Along with the diversity of thought, we explore how popular culture materialized in forms of print literature and theatrical entertainment. Finally, we focus on the culture of dissent that emerged as the Shogun's reign came to an end.
Cross-listed: EALC-3720/4720(3) & REL-4720(3).
Restrictions: Students may not hold credit for this course and EALC-3720 | REL-4720.
Requisite Courses: Prerequisite: One of Rel-1002, Rel-2704, Rel-2705, Rel-2707, Rel-2708, Rel-2709, Rel-2718, or Rel-2721. Written Permission of the Instructor is required if one of the above prerequisite's is not met [prerequisite(s)].

REL-3721 (3) The Age of the Samurai (3 hrs Lecture) "Samurai" often evokes an image of a warrior entranced in the Bushido code, ready to commit harakiri upon command. This course demystifies such an aura surrounding Japan's warrior class by exploring their rise from Heian temple servants to Sengoku warlords and then their fall from Edo Japan's intellectuals and bureaucrats to the realms of the destitute. Sources include samurai autobiographies, their intellectual scholarship, and representations of samurai in contemporary popular culture.
Cross-listed: REL-4721(3) and EALC-3721(3)/4721(3).
Restrictions: Students may not hold credit for this course and EALC-3721 | EALC-4721 | REL-4721.
Requisite Courses: REL-2721 or EALC-2721 or permission of the instructor [prerequisite(s)].

REL-3731 (3) Topics in Chinese Culture and Society (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-4731(3) and EALC-3731(3)/4731(3).
Restrictions: Students may not hold credit for this course and EALC-3731.

REL-3802 (3) Indigenous Healers (3 hrs Seminar/Discussion) This course focuses on the religious/spiritual leaders who are often referred to as medicine men/women or shamans. These individuals primarily function as healers but may also serve as Elders, prophets, priests, philosophers, intellectuals, mystics, artists, poets, and musicians, among other roles. This course examines the historical and contemporary place of these highly respected persons in Indigenous religious traditions.
Cross-listed: REL-4802(3).
Restrictions: Students may not hold credit for this course and REL-4802.
Requisite Courses: REL-2801 or REL-2802 or REL-2803 or permission of the instructor [prerequisite(s)].

REL-3803 (3) Indigenous Women's Teachings (3 hrs Seminar/Discussion) Indigenous worldviews and ceremonies are, in general, gender inclusive. However, certain ceremonies and teachings, often referred to as "women's teachings", are specific to Indigenous women. In addition, due to historical circumstances, the importance of women in worldview and ceremony has often been overlooked or sublimated in the written sources. This course examines the teachings, ceremonies, and issues related to Indigenous women. Written sources by and about Indigenous women and Indigenous women's teachings are examined and local Indigenous women Elders and traditional people are invited to speak to the class as oral sources.
Cross-listed: REL-4803(3).
Restrictions: Students may not hold credit for this course and REL-4803.
Requisite Courses: REL-2801, REL-2802, or REL-2803 [prerequisite(s)].

REL-3804 (3) Indigenous Spirituality: Research Methods (3 hrs Seminar/Discussion) This course focuses on research methods and sources for the study of Indigenous spirituality. Sources include published and unpublished written material and oral narratives. Critical perspectives and ethical issues related to the study of Indigenous spirituality and research with Elders and Indigenous people are examined. Guidelines established by the Social Sciences and Humanites Research Council related to the development of an Indigenous Research Paradigm, or a decolonizing approach to research and scholarship are discussed. During the term, students develop their own research projects in consultation with the professor.
Cross-listed: REL-4804(3).
Restrictions: Students may not hold credit for this course and REL-4804.
Requisite Courses: REL-2801 or REL-2802 or REL-2803 [prerequisite(s)].

REL-3805 (6) Indigenous Ceremonies and Healing (6 hrs Seminar/Discussion) This course, organized in collaboration with local healers, involves participating in local Indigenous ceremonies and learning about Indigenous healing models and worldviews. Combined with an academic approach, it provides an opportunity to engage in experiential learning from an Indigenous perspective; which engages the four aspects of the self (mind, body, spirit, emotions) in the learning process. The course is offered in the spring/summer session when major ceremonies are held and involves some overnight camping. Students use their experiential learning as a framework to engage written sources related to the ceremonies and teachings. There are higher expectations for 4000 and graduate levels.
Restrictions: Students may not hold credit for this course and REL-4805.
Requisite Courses: One of REL-2801, REL-2802, REL-2803, REL-2804, REL-3802, REL-4802, REL-3803,

REL-4803, REL-3804, or REL-4804 or permission of the instructor [prerequisite(s)].

REL-3900 (3) Topics in Historical Judaism, Christianity, or Islam (3 hrs Seminar/Discussion) This course explores specific topics in the Historical Judaism, Christianity, or Islam area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-4900(3).
Restrictions: Students may not hold credit for this course and REL-4900.
Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Historical Judaism, Christianity, or Islam area of study, or permission of the instructor [prerequisite(s)].

REL-3940 (3) Topics in Religion and Modern Western Culture (3 hrs Seminar/Discussion) This course explores specific topics in the Religions and Modern Western Culture area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-4940(3).
Restrictions: Students may not hold credit for this course and REL-4940.
Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Religions & Modern Western Culture area of study, or permission of the Instructor [prerequisite(s)].

REL-3970 (3) Topics in Asian Religions and Culture (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-4970(3) and EALC-3970(3)/4970(3).
Restrictions: Students may not hold credit for this course and EALC-3970 | EALC-4970 | REL-4970.
Requisite Courses: 6 credit hours in East Asian Languages and Culture or 6 credit hours in Religion & Culture, 3 of which must be in the Asian Religions and Cultures area of study, or permission of the instructor [prerequisite(s)].

REL-3980 (3) Topics in Indigenous Religious Traditions (3 hrs Seminar/Discussion) This course explores specific topics in the Indigenous Religious Traditions area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-4980(3).
Restrictions: Students may not hold credit for this course and REL-4980.
Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Aboriginal Religious Traditions area of study, or permission of the Instructor [prerequisite(s)].

REL-3990 (6) Readings in Religion (3 hrs Directed Reading) This course will provide individual directed study of a specialized subject at an advanced level.
Cross-listed: REL-4990(6).
Restrictions: Department Permission Required.

REL-3991 (3) Readings in Religion (3 hrs Directed Reading) This course will provide individual directed study of a specialized subject at an advanced level.
Cross-listed: REL-4991(3).

REL-3999 (6) Languages for Religious Studies (3 hrs Tutorial) This course will provide an individual tutorial program in a language required by an advanced student in connection with ongoing study in a specialized religious field.
Cross-listed: REL-4999(6).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-4999.

REL-4120 (3) The Prophets in Israel's Culture (3 hrs Seminar/Discussion) This course is a study of the biblical prophetic literature in its social and religious context, paying attention to the prophets' perspectives on social, political, theological, and moral concerns.
Cross-listed: REL-3120(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3120 | REL-3121 | REL-3122.
Requisite Courses: REL-1003, REL-2125, or REL-2127 and written approval from Department's Honours Chair [prerequisite(s)].

REL-4125 (3) Biblical Myths, Legends and Folktales (3 hrs Seminar/Discussion) This seminar course begins by surveying major cross-cultural approaches to the study of myths, legends, and folktales. These approaches are then applied to biblical stories such as the Garden of Eden, flood, ancestor stories, and exodus traditions.
Cross-listed: REL-3125(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3125.
Requisite Courses: REL-1003 and permission of the Department Chair [prerequisite(s)].

REL-4157 (3) Women in Ancient Israel (3 hrs Seminar/Discussion) This course examines the roles and status of women in ancient Israelite culture and religion. Topics to be treated include women in myth and other genres of traditional narrative, the female life-cycle, and women in law, politics, priesthood, and prophecy.
Cross-listed: REL-3157(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3157.
Requisite Courses: REL-1003, REL-2111, REL-2125, or WGS-1232, and permission of the Department Chair

[prerequisite(s)].

REL-4504 (3) The Problem of Evil (3 hrs Seminar/Discussion) In this seminar, we explore some of the ways Christians, Jews, and Muslims have conceptualized evil and responded to the problem of evil throughout history. In order better to understand this perennial religious problem, we consider selections from ancient scriptures, philosophical explanations, theological responses to catastrophes such as the Holocaust, and the depictions of evil in North American popular culture.
Cross-listed: REL-3504(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3504.
Requisite Courses: 6 credit hours in Religion & Culture and permission of the Department Chair [prerequisite(s)].

REL-4512 (3) Religious Quest in the Modern Age (3 hrs Seminar/Discussion) Students in this course explore contemporary literature against the cultural and political background that produced these kinds of fiction. Students examine the ways in which these books rely on traditional explicitly religious themes as well as broader modern and post-modern concerns such as the question of selfhood, the search for freedom, the grappling with death, and the search for meaning. Authors may include Joseph Conrad, Franz Kafka, Dionne Brand, Arundhati Roy, Shauna Singh Baldwin, Albert Camus, Carol Shields, Rohinton Mistry, Umberto Eco, Yann Martel, Joy Kogawa, Jonathan Franzen, and Margaret Atwood.
Cross-listed: REL-3512(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3512.
Requisite Courses: 6 credit hours in Religion & Culture and permission of the Department Chair [prerequisite(s)].

REL-4521 (3) Religion and Science in the West: Debate and Dialogue (3 hrs Seminar/Discussion) This course investigates the complex interrelationship between science and religion in western culture. Until the Enlightenment, western religion and science existed in relative synergy. However, with the emergence of scientific perspectives (like Galilean heliocentrism and Darwinian evolutionary theory) that offered interpretations of reality that diverged from the dominant religious imaginary of the time, western history witnessed increasing clashes between religion and science. Some contemporary commentators assume the conflict to be inevitable, while others envision complementarity between religion and science. The course considers both sides of the debate in order to better understand the relationship between science and religion in modernity.
Cross-listed: REL-3521(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3521.
Requisite Courses: A minimum 3 credits of Religion & Culture at the 2000-level in the Religion and Modern Western Culture area of study, or obtain permission of the instructor [prerequisite(s)].

REL-4601 (3) Storied Lives: Contemporary Spiritual Biographies and the Construction of Identity (3 hrs Seminar/Discussion) In this course students will be introduced to the current social scientific reflection on the "life history" as a means of understanding individuals and contextualizing the larger notions of "religious traditions" and "culture". Specifically, we will consider the ways people construct and maintain their religious identities through weaving their own experiences into a narrative which includes other individuals and institutions. In addition to considering this method theoretically, students will have an opportunity to employ this tool in the context of fieldwork.
Cross-listed: REL-3601(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3601.
Requisite Courses: 6 credit hours in Religion & Culture and permission of the Department Chair [prerequisite(s)].

REL-4701 (3) Issues in the Interpretation of the Qur'an (3 hrs Seminar/Discussion) In this seminar, some of the issues pertaining to Qur'anic interpretation (exegesis) are discussed. After gaining an understanding of the book as a scripture, the history and the development of its exegetical venture is traced. Approaches of both classical and modern Muslim commentators on the Qur'an are explored. The Orientalists' approach to the Qur'an and its interpretation is also examined. For practical concerns, this course deals with the interpretation of the Qur'an in a broader context. Examples include the Qur'anic commentaries on Moses and Jesus.
Cross-listed: REL-3701(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3701.
Requisite Courses: REL-1002 or REL-2701 or REL-2702 or REL-2710 or REL-2711, and permission of the Department Chair [prerequisite(s)].

REL-4708 (3) Topics in Buddhist Culture and Society (3 hrs Seminar/Discussion) This course explores topics of contemporary interest regarding the study of Buddhism and society, examining major issues facing Buddhism in the Asian context, focusing on aspects of the institutional, social, and political role played by Buddhism. May be taken for credit more than once, with permission of instructor. Topics may include: Buddhism and Tibetan identity in the struggle for Tibetan autonomy in China, the Buddhist monastic institution and its role in society, and debates over the interpretation of Buddhism in modern Asian countries.
Cross-listed: REL-3708(3) and EALC-3708(3)/4708(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-3708 | EALC-4708 | REL-3708.
Requisite Courses: 6 credit hours of EALC course work or permission of the instructor [prerequisite(s)].

REL-4720 (3) Topics in Japanese Culture and Society (3 hrs Seminar/Discussion) This course explores the development of intellectual culture in Tokugawa Japan (1600-1858). We examine the slaughter of Japanese Christians and Confucianism's subsequent rise as a state ideology for the Shogunate. We study how an increasing

number of scholars responded to Chinese learining by turning toward Neo-Confucianism, Japanese nativism, and Western learning, as alternatives to Classical Confucian education. Along with the diversity of thought, we explore how popular culture materialized in forms of print literature and theatrical entertainment. Finally, we focus on the culture of dissent that emerged as the Shogun's reign came to an end.
Cross-listed: EALC-3720/4720(3) & REL-3720(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3720.
Requisite Courses: One of REL-1002, REL-2704, REL-2705, REL-2707, REL-2708, REL-2709, REL-2718, or REL-2721 [prerequisite(s)].

REL-4721 (3) The Age of the Samurai (3 hrs Lecture) "Samurai" often evokes an image of a warrior entranced in the Bushido code, ready to commit harakiri upon command. This course demystifies such an aura surrounding Japan's warrior class by exploring their rise from Heian temple servants to Sengoku warlords and then their fall from Edo Japan's intellectuals and bureaucrats to the realms of the destitute. Sources include samurai autobiographies, their intellectual scholarship, and representations of samurai in contemporary popular culture.
Cross-listed: REL-3721(3) and EALC-3721(3)/4721(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-3721 | EALC-4721 | REL-3721.
Requisite Courses: EALC-2721 or REL-2721 and permission of the Department Chair [prerequisite(s)].

REL-4731 (3) Topics in Chinese Culture and Society (3 hrs Lecture) REL-4731/3 (S3) Topics in Chinese Culture and Society examines women in China from the pre-modern period to the contemporary era with a focus on women of modern Mainland China in their appropriate historical and cultural contexts. The course is a third year offering, however, it requires no prior knowledge of Chinese language, history, culture, or literature. Students in the course learn about the ways in which cultural representations of women's lives have changed from past to present. Prerequisite: 6 credit hours of EALC Culture (non-language) courses (or equivalent). In the absence of the prerequisite, permission of the instructor is required.
Cross-listed: EALC-4731.
Restrictions: Students may not hold credit for this course and EALC-4731.
Requisite Courses: You must successfully complete 6 credits of EALC culture (non-language) courses (or equivalent) or permission of the instructor [prerequisite(s)].

REL-4802 (3) Indigenous Healers (3 hrs Seminar/Discussion) This course focuses on the religious/spiritual leaders who are often referred to as medicine men/women or shamans. These individuals primarily function as healers but may also serve as Elders, prophets, priests, philosophers, intellectuals, mystics, artists, poets, and musicians, among other roles. This course examines the historical and contemporary place of these highly respected persons in Indigenous religious traditions.
Cross-listed: REL-3802(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3802.
Requisite Courses: REL-2801, REL-2802, or REL-2803, and permission of the Department Chair [prerequisite(s)].

REL-4803 (3) Indigenous Women (3 hrs Seminar/Discussion) Indigenous worldviews and ceremonies are, in general, gender inclusive. However, certain ceremonies and teachings, often referred to as "women's teachings", are specific to Indigenous women. In addition, due to historical circumstances, the importance of women in worldview and ceremony has often been overlooked or sublimated in the written sources. This course examines the teachings, ceremonies, and issues related to Indigenous women. Written sources by and about Indigenous women and Indigenous women's teachings are examined and local Indigenous women Elders and traditional people are invited to speak to the class as oral sources.
Cross-listed: REL-3803(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3803.
Requisite Courses: REL-2801, REL-2802, or REL-2803, and permission of the Department Chair [prerequisite(s)].

REL-4804 (3) Indigenous Spirituality: Research Methods (3 hrs Seminar/Discussion) This course focuses on research methods and sources for the study of Indigenous spirituality. Sources include published and unpublished written material and oral narratives. Critical perspectives and ethical issues related to the study of Indigenous spirituality and research with Elders and Indigenous people are examined. Guidelines established by the Social Sciences and Humanites Research Council related to the development of an Indigenous Research Paradigm, or a decolonizing approach to research and scholarship are discussed. During the term, students develop their own research projects in consultation with the professor.
Cross-listed: REL-3804(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3804.
Requisite Courses: REL-2801 or REL-2802 or REL-2803, and permission of the Department Chair [prerequisite(s)].

REL-4805 (6) Indigenous Ceremonies and Healing (6 hrs Seminar/Discussion) This course, organized in collaboration with local healers, involves participating in local Indigenous ceremonies and learning about Indigenous healing models and worldviews. Combined with an academic approach, it provides an opportunity to engage in experiential learning from an Indigenous perspective; which engages the four aspects of the self (mind, body, spirit, emotions) in the learning process. The course is offered in the spring/summer session when major ceremonies are held and involves some overnight camping. Students use their experiential learning as a framework to engage written sources related to the ceremonies and teachings. There are higher expectations for 4000 and graduate levels.
Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3805.
Requisite Courses: One of REL-2801, REL-2802,

REL-2803, REL-2804, REL-3802, REL-4802, REL-3803, REL-4803, REL-3804, or REL-4804 and permission of the instructor [prerequisite(s)].

REL-4900 (3) Topics in Historical Judaism, Christianity, Or Islam (3 hrs Seminar/Discussion) This course explores specific topics in the Historical Judaism, Christianity, or Islam area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-3900(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3900.
Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Historical Judaism, Christianity, or Islam area of study, and permission of the Department Chair [prerequisite(s)].

REL-4940 (3) Topics in Religion and Modern Western Culture (3 hrs Seminar/Discussion) This course explores specific topics in the Religions and Modern Western Culture area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-3940(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3940.
Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Religions & Modern Western Culture area of study, and permission of the Department Chair [prerequisite(s)].

REL-4970 (3) Topics in Asian Religions and Culture (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-3970(3) and EALC-3970(3)/4970(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-4970 | REL-3970.
Requisite Courses: 6 credit hours in East Asian Languages and Culture or 6 credit hours in Religion & Culture, 3 of which must be in the Asian Religions and Cultures area of study, and permission of the Department Chair [prerequisite(s)].

REL-4980 (3) Topics in Indigenous Religious Traditions (3 hrs Seminar/Discussion) This course explores specific topics in the Indigenous Religious Traditions area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-3980(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3980.
Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Aboriginal Religious Traditions area of study, and permission of the Department Chair [prerequisite(s)].

REL-4990 (6) Readings in Religion (3 hrs Lecture) This course will provide individual directed study of a specialized subject at an advanced level.
Cross-listed: REL-3990(3).
Restrictions: Honours Form Required.

REL-4991 (3) Readings in Religion (3 hrs Lecture) This course will provide individual directed study of a specialized subject at an advanced level.
Cross-listed: REL-3991(3).
Restrictions: Honours Form Required.

REL-4999 (6) Languages for Religious Studies (3 hrs Tutorial) This course will provide an individual tutorial program in a language required by an advanced student in connection with ongoing study in a specialized religious field.
Note: Permission of the Department Chair is required.
Cross-listed: REL-3999(6).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3999.

REL-5000 (6) Method and Theory in the Study of Religion (3 hrs Seminar/Discussion) This course will introduce the problem of method in Religious Studies, discussing Religion as a field of study, its definition, development, and relation to other disciplines. The student will be introduced to various methods of studying Religion and will be guided in the practice of a method suitable to his or her own area of research.

REL-5001 (3) Method and Theory in the Study of Religion I: Social Scientific Approaches (3 hrs Lecture) This course examines the problem of method in Religious Studies, discussing Religion as a field of study, its definition, development, and relation to other disciplines. Students examine classic social scientific approaches to the study of religion: sociological, anthropological, psychological, as well as feminist and post-modernist methods. Along with REL-5002(3), this course fulfills the method and theory requirement for the Joint Masters Program in Religion.

REL-5002 (3) Method and Theory in the Study of Religion II: Textual Interpretation (3 hrs Lecture) This course introduces the problem of method in Religious Studies, especially as it relates to the study and interpretation of religious texts. Texts are examined from the perspective of various possible hermeneutical interpretations, taking into account literary, contextual, and historical concerns, as well as doctrinal and ideological considerations. Students consider both traditional religious and post-traditional ways of interpreting texts, gaining appreciation for how historical and ideological forces

shape the interpretation of religious texts. Along with REL-5001(3), this course fulfills the method and theory requirement for the Joint Master Program in Religion.

REL-5990 (6) Advanced Individual Study in Religion (3 hrs Directed Reading) This course will provide individual, directed study of a specialized topic for students beyond the undergraduate level.

REL-5991 (3) Advanced Individual Study in Religion (3 hrs Directed Reading) This course will provide individual, directed study of a specialized topic for students beyond the undergraduate level.

RHETORIC AND COMMUNICATIONS

RHET-1101 (3) Academic Writing: Humanities (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1101 are designed for students likely to major in a discipline in the Humanities, such as English, History, or Philosophy. Assignments may include summaries, reviews, critiques, and research papers. Students are introduced to the styles of documenting sources and to the research databases relevant to the Humanities. The Department website provides detailed information about each section.
Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. Students with standing in the former ENGL-0100(3) Fundamentals of Rhetoric must register in a 3 credit hour version of Academic Writing in order to satisfy the writing requirement.
Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1102 | RHET-1103 | RHET-1104 | RHET-1105 | RHET-1106 | RHET-1110 | RHET-1115.

RHET-1102 (3) Academic Writing: Social Sciences (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1102 are designed for students likely to major in a discipline in the Social Sciences, such as Politics, Psychology, or Sociology. Assignments may include annotated bibliographies, literature reviews, and ethnographies. Students are introduced to the styles of documenting sources and to the research databases relevant to the Social Sciences. The Department website provides detailed information about each section.
Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. Students with standing in the former ENGL-0100(3) Fundamentals of Rhetoric must register in a 3 credit hour version of Academic Writing in order to satisfy the writing requirement.
Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1103 | RHET-1104 | RHET-1105 | RHET-1106 | RHET-1110 | RHET-1115.

RHET-1103 (3) Academic Writing: Sciences (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1103 are designed for students likely to major in a discipline in the Sciences, such as Biology, Chemistry, or Physics. Students are introduced to the styles of documenting sources and to the research databases relevant to the Sciences. The Department website provides detailed information about each section.
Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. Students with standing in the former ENGL-0100(3) Fundamentals of Rhetoric must register in a 3 credit hour version of Academic Writing in order to satisfy the writing requirement.
Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1104 | RHET-1105 | RHET-1106 | RHET-1110 | RHET-1115.

RHET-1104 (3) Academic Writing: Business and Administration (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1104, designed for students in Business and Administration, focus on the fundamentals of good writing and critical thinking in academic and institutional settings. Students practise the forms of communication common in business, public administration, and non-profit organizations, such as summaries, reports, proposals, and correspondence. Students also learn the documentation styles and research databases relevant to Business and Administration. The Department website provides detailed information about each section.
Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. Students with standing in the former ENGL-0100(3) Fundamentals of Rhetoric must register in a 3 credit hour version of Academic Writing in order to satisfy the writing requirement.
Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1103 | RHET-1105 | RHET-1106 | RHET-1110 | RHET-1115.

RHET-1105 (3) Academic Writing: Multidisciplinary (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1105, designed for students who have not yet chosen a field of study, take a multidisciplinary rather than discipline-specific perspective. The approach taken in each section (for instance, the assignments, the research methods, and the styles of documentation) varies. The Department website provides detailed information about each section.
Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. Students with standing in the former ENGL-0100(3) Fundamentals of Rhetoric must register in a 3 credit hour version of Academic Writing in order to satisfy the writing requirement.
Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1103 | RHET-1104 | RHET-1106 | RHET-1110 | RHET-1115.

RHET-1106 (3) Academic Writing: Links with the

Disciplines (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1106 are linked with departments such as Conflict Resolution Studies, Environmental Studies, and Kinesiology and Applied Health. Students who are registered in a discipline-specific course are also enrolled in an Academic Writing section that concentrates on the texts, topics, methods of research, and forms of writing appropriate to that discipline. The Department website provides detailed information about each section.
Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. Students with standing in the former ENGL-0100(3) Fundamentals of Rhetoric must register in a 3 credit hour version of Academic Writing in order to satisfy the writing requirement.
Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1103 | RHET-1104 | RHET-1105 | RHET-1110 | RHET-1115.

RHET-1110 (6) Academic Writing: Extended (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. This course is designed to give students extensive opportunities to further develop their writing abilities, such as generating, evaluating, and developing ideas logically, supporting arguments with evidence, gathering and documenting information from a variety of sources, and using language clearly and correctly. The Department website provides information about each section.
Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. Students with standing in the former ENGL-0100(3) Fundamentals of Rhetoric must register in a 3 credit hour version of Academic Writing in order to satisfy the writing requirement.
Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1103 | RHET-1104 | RHET-1105 | RHET-1106 | RHET-1115.

RHET-1115 (6) Academic Writing: Extended (English as an Additional Language) (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. This course is designed to give students whose first language is not English extensive opportunities to further develop their writing abilities, such as generating, evaluating, and developing ideas logically, supporting arguments with evidence, gathering and documenting information from a variety of sources, and using language clearly and correctly. The Departmental website provides information about each section.
Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. Students with standing in the former ENGL-0100(3) Fundamentals of Rhetoric must register in a 3 credit hour version of Academic Writing in order to satisfy the writing requirement. RHET-1115(6) may not be taken by students whose first language is English.
Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1103 | RHET-1104 | RHET-1105 | RHET-1106 | RHET-1110.

RHET-2131 (3) Professional Style and Editing (3 hrs Lecture) This course teaches students to revise their prose, not for new ideas but for better phrasing of the ones they already have. Students will learn how to write in several prose styles and to edit each other's work professionally in terms of stylistic (rather than only grammatical) criteria. The course will include a number of short style exercises as well as longer essays, and a great deal of practice in editing. It will be a great help for anyone intending to write polished term papers or theses, not to mention business memos.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2134 (3) The Rhetorical Tradition (3 hrs Lecture) This course traces a rhetorical narrative from classical to contemporary times, focusing on key rhetorical moments and shifts. It examines the ancient tradition as gleaned through the texts of such thinkers as Aristotle, Cicero, and the Sophists. Its historical survey includes rhetorical thought and practice from medieval times, the Renaissance, the Enlightenment, and the eighteenth and nineteenth centuries. It concludes with more recent rhetorical thinkers whose insights address the events and exigencies of contemporary life. This course provides historical grounding for understanding the study of rhetoric, a tradition that is always evolving.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2135 (3) Rhetorical Criticism (3 hrs Lecture) This course is recommended for students whose interests extend beyond the kinds of literature traditionally studied in English courses. The emphasis will be on non-literary texts and on language used to persuade -- on media talk and advertising copy; on political speeches, campaigns, and editorials; on popular and professional essays. For the rhetorical critic, such uses of language are considered worthy of close analysis not because they have lasting aesthetic value, but because they reveal cultural values and social trends. Students in this course will examine a variety of nonfiction in order to develop the perspective of rhetorical criticism, which views language acts as responses to historical circumstances, addressed to particular audiences and motivated by particular goals. Contemporary, written texts will comprise the bulk of the reading in the course, but speeches and pre-modern texts

may also be considered. In addition, students will be encouraged to suggest other readings (including magazine and newspaper articles) that are suitable for rhetorical analysis.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2137 (3) Contemporary Communication Theories (3 hrs Lecture) Communication theories explain the way human beings interact verbally, at levels ranging from the interpersonal to the organizational. In this course, students are introduced to some of the major contemporary theories and practices pertaining to individual and group communication. These theories include (but are not limited to) social construction, symbolic interactionism, cultural criticism, dramatism, hermeneutics, standpoint theory, ethics, relational theories, and gender-based approaches. Readings are drawn from contemporary North American and European theorists. A variety of written and oral assignments invite students to apply their understanding of these theories to practical, even everyday communicative situations.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2141 (3) Representations of Indigeneity (3 hrs Lecture) This course investigates the representation of Indigenous peoples in contemporary and historical forms of public communication such as text books, scholarship, government documents, internet, television, news media and public awareness campaigns, and how these representations contribute to perpetuating, challenging, or dispelling racist stereotypes and colonization practices. There is an emphasis on writing by emerging and established Indigenous writers and scholars on themed topics such as business and economics, history, politics, art, social movements, environment, and education. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement [prerequisite(s)]; Completion of 24 credit hours [prerequisite(s)].

RHET-2142 (3) Rhetoric of Animality (3 hrs Lecture) This course examines what has come to be known in the humanities as "the question of the animal". It considers how moral discourse in the West has failed to grapple with the physical and metaphysical presence of non-human animals. Students examine how the moral status of animals has been theorized in Western thought. Students interrogate the different tropes used to uphold the human-animal distinction, including the idea that speech, communication, and reason confer a special status upon humanity. Students engage a wide range of writings addressing "the question of the animal". Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement [prerequisite(s)]; Completion of 24 credit hours [prerequisite(s)].

RHET-2143 (3) Rhetoric of Medicine (3 hrs Lecture) Medicine is one of the oldest and most respected professions. Given its centrality in our lives, it is crucial that medicine be taken seriously by the humanities. What, then, does rhetoric have to say about medicine? How can we use rhetoric to investigate the history, practice, and culture of medicine? What insights can rhetoric offer about medical discourse? This course explores the role of language, performance, ethics, and power in medicine. The aim is to cultivate a crucial humanistic perspective on medicine and to understand its place in the modern social imaginary. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement [prerequisite(s)]; Completion of 24 credit hours [prerequisite(s)].

RHET-2145 (3) Theories and Practices of Oral Communication (3 hrs Lecture) The goals of this course are threefold: to improve students' presentation skills in both design and delivery, to develop their critical analysis of presentations, and to extend their scholarly understanding of rhetoric and oratory. This course covers such topics as presentation structure, paralinguistic communication, the use of technology, charisma, gender and delivery, and rhetorical strategies of identification. Course work is evenly distributed between praxis-centred performance and scholarly reading and analysis, with assignments including both spoken presentations and theory-based research work.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2246 (3) Revolutions in Communication (3 hrs Lecture) This course provides students with an historical overview of communication, focusing particularly on those periods in which human relations were dramatically influenced by a shift from one communicative medium to another. After briefly considering the early use of pictorial symbols, the emergence of language, and the development of writing, the course examines some of the profound social changes effected in the western world by the fifteenth century invention of the printing press. Finally, we focus on the revolutionary impact of twentieth century communicative technologies: radio, telephone and then the computer and the Internet, the effects of which are so wide-ranging that we have only begun to assess them.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2250 (3) Communications & Popular Culture (3 hrs Lecture) This course examines the relationship between the rise of new media and discourses used to

write about popular culture. The course looks at changing rhetorics of taste, from the nineteenth to the twentieth century, as new media made art and culture more accessible to the public, and as new processes of mediated distribution of art changed the discursive strategies for writing about popular culture. Course topics include the rise of photography and the technological reproducibility of images; mass media and the culture industry; technology and globalization; and augmented reality, video games, and the relationship between media and the body.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

RHET-2350 (3) Writing in Digital Spaces (3 hrs Lecture) This course is designed as an introduction to reading and writing digital texts. Just as electronic devices have become the tools of choice for composition, so networks have become a medium of choice for publication. Students learn the effects of the following contexts on writing: real-time, synchronous communication; anytime asynchronous communication; and emerging online genres (such as social media and blogs). Emphasis is on reader awareness in evaluating the credibility of material in the online environment, developing and evaluating an online ethos, and webpage production that balances audience awareness, online conventions, and visual design.
Note: You cannot receive credit for this course if you have credit for it under its former title, Reading and Writing Online.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2500 (3) Tutoring Writing (3 hrs Lecture) This course introduces students who want to work as tutors to the current theories of tutoring writing, to the protocols and procedures of our Tutoring Centre, and to the specific demands of our students. These demands include writing in the disciplines and tutoring English-as-an-Additional-Language writers. The course requires delivery of public workshops on writing, as well as contributions to writing centre communities nationally and internationally. As students begin tutoring, they reflect together on their experiences, increasing their resources and tutoring strategies.
Restrictions: Students may not hold credit for this course and EDUC-3301 | EDUC-3303 | EDUC-3305 | RHET-2505 | RHET-2520.
Requisite Courses: Grade of B or better in any section of Academic Writing or in any upper-level course in Rhetoric, Writing, and Communications or permission of instructor [prerequisite(s)].

RHET-2530 (3) Rhetorical Grammar (3 hrs Lecture) This course sharpens students' ability to edit efficiently at the sentence and paragraph levels. Through close analysis of examples, students first acquire a vocabulary for discussing grammar, syntax, and error that refines their understanding of English sentence structures. With these tools, students can identify structural flaws more precisely and thoroughly and better distinguish between errors and stylistic choices. The relationship between sentences - cohesion, unity, and emphasis - is then considered, and students are briefly introduced to fundamentals of style. Hands-on and skills-centred, this course includes many editing exercises.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3131 (3) Advanced Editing: Principles and Practices (3 hrs Lecture) This course addresses issues such as the negotiation of meaning in text production, changing practices of language use, and the historical and social construction of error (including attitudes about "good taste") through a study of editorial practices. Students apply rhetorical analyses of audience, purpose, genre, and context as they edit various documents to strengthen style and readability as well as to ensure accuracy and correctness. Designed to help students develop sound editorial judgement and practical abilities, the course outlines principles of editorial practice that consider the needs of the reader, improve emphasis, and remedy common stylistic flaws.
Requisite Courses: RHET-2131 or permission of the instructor [prerequisite(s)].

RHET-3132 (3) Directed Readings in Rhetoric and Composition (3 hrs Lecture) This course provides students with the opportunity to undertake research in Rhetoric and/or Composition in their particular areas of interest. Students will arrange a program of reading and individual study in consultation with an appropriate instructor.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3133 (6) Directed Readings in Rhetoric and Composition (3 hrs Lecture) This course provides students with the opportunity to undertake research in Rhetoric and/or Composition in their particular areas of interest. Students will arrange a program of reading and individual study in consultation with an appropriate instructor.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3138 (3) Modern Rhetorical Theory (3 hrs Lecture) This course focuses on modern theories that expand rhetoric's traditional function and scope, treating it not only as verbal suasion but also as the symbolic means by which humans define reality, create knowledge, and shape identities. From this perspective, nearly all uses of

language are to some extent rhetorical, and rhetoric is as crucial to knowledge-making in science as it is to policy-making and debate in the public sphere. Readings include early modern theorists such as Kenneth Burke and Chaim Perelman, as well as contemporary theorists such as Celeste Michelle Condit, Thomas Farrell, and Edward Schiappa.
Restrictions: Students may not hold credit for this course and ENGL-2138 | RHET-2138.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3139 (3) Rhetorics of Visual Representation (3 hrs Lecture) This course provides a systematic and comprehensive account of the grammar and rhetoric of visual design. By looking at the formal structures of design - colour, perspective, arrangement, and materiality - students examine the ways in which images communicate meaning. This course draws on a considerable range of examples to demonstrate the differences and the similarities between the grammar of language and that of visual communication. Given the influence and sophistication of visual texts and their relative neglect in scholarship, visual critique is important and necessary.
Restrictions: Students may not hold credit for this course and RHET-2139.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3145 (3) The Fifth Canon: History and Theories of Delivery (3 hrs Lecture) This course focuses on the fifth canon of rhetoric, also known as pronuntiatio, actio, or delivery. It takes an historical approach, beginning with primary classical texts and ending with contemporary theories of delivery. Topics may include the history and theory of vocal expression, rhythm, gesture, posture, and dress. Students also discuss delivery and gender, theatricality, mimesis, rhetorics of the body, and the implications of media technologies for delivery. The course situates delivery relative to the other rhetorical canons, highlighting its relationship to character, pathos, style, identity, education, and memory.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement, and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3150 (3) Studies in the Rhetoric of Nonfiction (3 hrs Lecture) This course examines nonfiction as a creative, constructive art, one that is fact-based but also draws on a wide range of literary and rhetorical resources to entertain, inform, and persuade readers. Since nonfiction encompasses a variety of genres - travel and adventure literature, memoir and biography, nature writing, the personal essay, the polemical essay, and New Journalism, to name just a few - the focus in any given year will depend on the instructor's interests and selection of readings. But whatever the focus, the course considers each text as both rhetorical and literary, taking into account the context of its writing and intended audience, its author's purposes, its central ideas, its structure, and its style.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3151 (3) Critical Studies of Discourse (3 hrs Lecture) Critical studies of discourse enable us to identify the ways that culturally prominent systems of value-laden language produce the forms and limits of probable (and even possible) thoughts and values. For example, patriotic discourses operate to legitimate the power of some groups in our culture, while making it seem equally logical to deny the rights of others. In this course, students learn techniques developed in the field of rhetorical studies for contributing to social change by recognizing, analyzing, and challenging the terms of discourse. Course assignments emphasize analysis of personal and public texts as speech acts that provide insight into the workings of the larger discourse in which they participate.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3152 (3) Digital Rhetorics (3 hrs Lecture) This course introduces students to the basic themes, issues, and intellectual debates in the study of digital rhetorics. It provides a critical perspective on what it means to live in a digitally mediated world. To this end, the course seeks to answer the following questions: How should we define media? What separates new media from old? What is the relationship of media to culture and society? What role does digital rhetoric play in a modern democracy? Students will explore a variety of issues for considering digital rhetorics, including language, ethics, power, and identity.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3153 (3) Studies in the Rhetorics of Gender (3 hrs Lecture) This course focuses on issues growing from the complex interaction of gender and language use, with a particular focus on written texts. Beginning with an overview of research on the relationship between gender and communicative behaviour, including feminist critiques of language, it considers such topics as the following: the rhetorics of women's movement and of contemporary men's movements; verbal (and, to a lesser extent, visual) constructions of masculinity and femininity in advertising and the media; innovative uses of language which resist and subvert prevailing conceptions of appropriate communicative behaviour; and the rhetoric of public debates over issues such as abortion and reproductive

technologies, in which gender is a central factor.
Restrictions: Students may not hold credit for this course and WGS-3153.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3154 (3) The New Journalism (3 hrs Lecture) "New Journalism" arose in the 1960s when Truman Capote, Tom Wolf, Joan Didion, Hunter S. Thompson, and others began to infuse their reporting with rhetorical and literary technique, creating a hybrid genre of reportage that was both factual and artistic. They dethroned the novel as the most prestigious outlet for imaginative literary talent in their generation and instigated the first powerful renewal of North American letters in fifty years. The course includes works of both early and later periods of this movement, and considers a number of critical and theoretical statements about its practice.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3155 (3) Writing on the Environment (3 hrs Lecture) The focus of this course is writing on the environment, with emphasis on American and Canadian nonfiction writing after the 19th century. This includes what is often called "nature writing" - essays on farm life and backcountry living, writing about wilderness adventures, natural history essays, field guides, rambles, and other genres that rely heavily on personal narratives or descriptions of natural phenomena. But it also includes works that rely more heavily on explicit argument, among them polemical essays and philosophical inquiry. It is the rhetoric of such writing that is studied.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3156 (3) Transnational and Intercultural Language and Communication (3 hrs Lecture) This course looks at the origins and development of language from a historical perspective and moves into specific case studies of unilingual, bilingual, and multilingual groups, their languages, how they communicate, and representational media used by the group. We focus closely on how groups communicate with one another, often by using common languages and the practice of translation, and how groups use languages to represent their culture to other groups and within the group. Central to such transnational and intercultural communication is the representation of identity and heritage. As languages change, identity changes also occur.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and FREN-3205 | FREN-4205 | LING-3305 | LING-4305.

RHET-3236 (3) Orality and Literacy (3 hrs Lecture) About 2700 years ago, Greeks began using the alphabet. A number of scholars believe that human consciousness changed dramatically when hitherto purely "oral" people became literate, and especially that literacy made abstract thought far more convenient and far more common. They argue that "oral" people think and interact and conceive themselves differently than literate ones, and that literacy led to a new sense of independent selfhood, and inevitably to democracy. A few believe that electronic media are renewing orality in Western cultures, and that we can blame such problems as the literacy crisis on radio and television. The course will examine these and related arguments in the work of such scholars as Albert Lord, Eric Havelock, Walter Ong, Jack Goody, and Neil Postman.
Restrictions: Students may not hold credit for this course and ENGL-2136 | RHET-2136.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3250 (3) Composition Studies (3 hrs Lecture) This course introduces the main theories, topics, and issues in the field of composition, including theories of the composing process; writing pedagogy; the place of the writer in the university; the relationships among writing, gender, culture, and race; and the effect of new communicative technologies on the composing process. Students rehearse many of the processes and techniques considered in the course, and they may be required to carry out a data-based research project in composition, involving systematic observation and analysis of the composing process.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3255 (3) Narrative Thinking and Writing (3 hrs Lecture) Students in this course consider narrative as a way of thinking or mode of knowing, rather than as a method of transcription. They focus on the narrative methodologies of autobiographical criticism and ethnography by examining texts that represent early and recent examples of each. Working with autobiographical criticism, students consider how feminist theory has been instrumental in the development of criticism that foregrounds the connection between self and text. Turning to ethnography, students examine changes in the relationship between observer and field. In addition to considering these issues as readers of narrative, students are asked to write narratives that engage issues requiring analysis and to reflect on how narration both enables and inhibits the development of ideas.
Restrictions: Students may not hold credit for this course and ENGL-2150 | RHET-2150.
Requisite Courses: Any section of Academic Writing or

exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3320 (3) Forms of Inquiry in Written Communication (3 hrs Lecture) This course examines the methods and methodologies of the research community that takes writing as its subject-defining *method* as a technique of gathering evidence and *methodology* as the underlying theory and analysis of how research proceeds. We review how the community of researchers formed since the 1960s has relied upon diverse ways to make knowledge about writing and writing processes. Students examine qualitative approaches that are common or that are gaining prominence in this community, with emphasis on ethnography, case study, and teacher research narrative. The influences of feminism, pluralism, and collaborative scholarship are also considered. Students will become familiar with these methods by reading theory and research and by conducting their own research project.
Restrictions: Students may not hold credit for this course and RHET-4320.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this class [prerequisite(s)].

RHET-3321 (3) Composing Our Winnipeg: Rhetoric Of/And the City (3 hrs Lecture) In this course, we consider how our city has been written so far, and how its culture(s) and geography are a function of confrontations between language, cultures of poverty and power, and complex institutional decision-making. Rather than ignoring or mythologizing inequities -- endorsing uncomfortable silences and uneasy confrontations as our *cityspeak* -- we consider some material realities and social myths that shape our thinking about Winnipeg centre and neighbourhoods: who are we, what do we do, who moves in and out? From this interaction of real and imagined city, we compose a *third space* that signifies what the city can be.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this class [prerequisite(s)].

RHET-3329 (3) Writing for Scholarly Audiences (3 hrs Lecture) This course addresses the varieties of scholarly discourse: why academics write and speak in a particular way, and how the contexts of political and economic environments that surround a university affect textual production. By reading and analyzing representative texts of various disciplines, students will learn to recognize and practice the sort of rhetoric used by academics. The goals of this course are threefold: (1) to increase students' awareness of norms and disciplinary conventions; (2) to help prepare students for advanced scholarship; and (3) to learn more about the pragmatic components involved in writing, thinking, and speaking at an academic level. In exceptional cases, this course may be taken to satisfy the Academic Writing requirement with permission of the Instructor and Chair.
Restrictions: Students may not hold credit for this course and ENGL-2110 | ENGL-2129 | ENGL-2130 | ENGL-2181 | RHET-2129 | RHET-2130.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course (unless waived by permission of the Department Chair and Instructor) [prerequisite(s)].

RHET-3330 (3) Investigative Journalism (3 hrs Lecture) This course provides an overview of the history, theory, and practice of investigative journalism in Canada, placing the form in historical context and surveying its major practitioners in print and broadcast. The theoretical framework of investigative journalism is analyzed and parallels are drawn to social sciences. Students learn some practical tools of the investigative journalist, including search strategies, chronologies, computer-assisted reporting, online research methods, study and analysis of public records, and access-to-information methods. The ethics and legalities of investigative journalism are surveyed and case studies analyzed.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3331 (3) Writing Internship (3 hrs Lecture) The Writing Internship involves a placement with a community organization, designed to be a writing partnership with an organization outside the university, and in some cases, university partners that need students' writing expertise. The goals of the internship are to help students learn how to write for audiences inside and outside of the academy, to learn ethical guidelines for writing with community and university partners, and to learn practical skills relating to the production of a range of texts. The specifics of each internship, including duties and responsibilities as well as start and end dates, are determined in consultation between the community organization and the academic supervisor. Training and supervision for the work components are provided by the community organization; academic oversight of the experience is provided by a faculty member. Grading is based on performance evaluation by the community organization, and on academic writing consolidating learning from the experience.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 30 credit hours (which may include cognate courses). Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3340 (3) Technical and Professional Communication (3 hrs Lecture) This course provides an overview of the emerging field of organizational communication and an introduction to the ways in which a

variety of rhetorical theories explain the strategic choices available to professional and technical communicators. Students analyze various artefacts of organizational communication, as well as plan, draft, edit, and design a range of professional and technical documents, such as business correspondence, proposals, and reports. The assignments stress the importance of a critical analysis of purpose, situation, context, and readership for making effective, appropriate, and ethical choices as technical and professional communicators. Uses and design of electronic correspondence and on-line information are discussed.
Restrictions: Students may not hold credit for this course and RHET-2140.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3350 (3) Communication, Ideology & Power (3 hrs Lecture) This course focuses on theories of ideology and discourse and the rhetorical strategies used for writing about and critiquing ideological texts in the media. Using examples from contemporary media, students focus on methods of rhetorical criticism that are used for critiquing ideological texts. Students explore ways that modern mass media use rhetoric, language, and image to reproduce forms of power. Other areas include the industry structure of the media, theories of propaganda and censorship, media democracy, and activist/alternative new media as practices of resisting ideology and power.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: RHET-2137 [prerequisite(s)].

RHET-3401 (3) Rhetoric of the Public Sphere (3 hrs Lecture) This course adopts a rhetoric and communications framework to explore the concept of "the public sphere," everyday processes of communal discourse and negotiation. It examines written, spoken, visual, gestural, and other texts that mediate relations among people in civic spaces. It may include such as topics as the definition of the term "public sphere," the history of public discourse, the relationship between state and civil society, the ethics of public texts and power, the impact of the media in narrating public events, and the textual "handling" of social tensions.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3420 (3) Rhetorics of Identity (3 hrs Lecture) This course investigates the relationships between discourse and identity. Examining discursive constructions of representation, the course explores how discourse reflects, produces, and reproduces "difference" topics such as race, gender, class, sexual orientation, and disability. It considers how communicative and suasive language shapes and privileges particular identities, and investigates how difference shapes literate practices in representations of the national, local, and academic. Drawing connections between intellectual institutions and social privilege, the course also explores power and identity politics, examining the reciprocal relationship between language and ideology.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3900 (3) Topics in Rhetoric, Writing, and Communication (3 hrs Lecture) This course offers a study of an area of rhetoric, writing, or communications not covered by the general courses in the department. Depending on the particular expertise or research interests of a given instructor, it may, for instance, centre on the rhetorics of a particular genre, a particular political focus, or a given thematic. The course also allows students to explore a given theoretical approach at a more advanced level than they might in other offerings. This course may be repeated for credit when the topic varies.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

SOCIOLOGY

SOC-1006 (3) Beginnings in Law and Criminology (3 hrs Lecture) This course introduces students to the relationship among law, crime and society. It examines a range of law and policy from both a historical and contemporary perspective. Students are introduced to classical and contemporary theories in the field, as well as research methods and disciplinary debates.

SOC-1101 (6) Introduction to Sociology (3 hrs Lecture) This course provides an introduction to the study of society and to the discipline of sociology. Topics to be covered include methods, culture, socialization, groups, social processes, the community, social stratification, the major institutions -- the family, the economic, the political, the religious, and the educational -- and social change in its contemporary setting.
Restrictions: Students may not hold credit for this course and SOC-1105.

SOC-2000 (3) Sociology of Sport (3 hrs Lecture) This course introduces various aspects of the study of sport. Using the major theoretical perspectives in sociology, the function of sport in contemporary society is examined. Contemporary issues in sport and society are also covered.
Requisite Courses: SOC-1101 or KIN-1101 [prerequisite(s)].

SOC-2001 (3) Sociology of Leisure (3 hrs Lecture) This course analyzes the nature and extent of leisure phenomena in contemporary society. Topics to be covered include institutions, aspects of formal organizations, social roles, and social research strategies.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2010 (3) Classical Sociological Theory (3 hrs Lecture) An in-depth examination of classical sociological ideas including those of August Comte, Emile Durkheim, Karl Marx, Friedrich Engels, Max Weber, Harriet Martineau, W.E.B. Du Bois, and Georg Simmel. This course provides an introduction to the foundational thinkers in social and economic theory, each of whom helped lay the foundations for all subsequent social thought. This course is required of all major and honours students and it is a prerequisite for SOC-2011(3) 20th Century Sociological Theory and SOC-2012(3) Contemporary Sociological Theory.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and SOC-2114.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2011 (3) 20th Century Sociological Theory (3 hrs Lecture) An in-depth examination of early to mid-20th century sociological ideas including those of: Antonio Gramsci, Norbert Elias, C.W. Mills, Emma Goldman, Frantz Fanon, Talcott Parsons, Robert Merton, Erving Goffman, Edwin Sutherland, Howard Garfinkel, Harold Becker, George Herbert Mead, Herbert Blumer, Georg Lukacs, Theodor W. Adorno, Max Horkheimer, Herbert Marcuse, Ralf Dahrendorf, Ralph Miliband, Peter Berger and Thomas Luckmann. This course provides an overview of thinkers in social theory, each of whom helped lay the foundations for subsequent social thought in Europe and North America.
Note: Students are encouraged to take SOC-2011(3) prior to taking SOC-2012(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and SOC-2114.
Requisite Courses: SOC-1101 and SOC-2010 [prerequisite(s)].

SOC-2012 (3) Contemporary Sociological Theory (3 hrs Lecture) An in-depth examination of middle and late 20th century and contemporary sociological ideas including those of: Edward Said, Anthony Giddens, Jürgen Habermas, Ulrich Beck, Pierre Bourdieu, Stuart Hall, Michel Foucault, Zygmunt Bauman, Manuel Castells, Patricia Hill Collins, Niklas Luhmann, Dorothy Smith, Jean-Francois Lyotard, Jacques Derrida, Judith Butler, Donna Haraway, LoÏc Wacquant, Bruno Latour and Slavoj Zizek.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and SOC-2114.
Requisite Courses: SOC-1101 and SOC-2010 [prerequisite(s)].

SOC-2101 (6) Social Inequality in the Era of Globalization (3 hrs Lecture) Using historical and comparative material, this course examines the historical origins of various inequalities including class, gender, racial-ethnic and international stratification. A major emphasis is placed upon the dynamics of these inequalities in the era of globalization and what has been termed "globalization of poverty".
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2103 (3) Sociology of Families (3 hrs Lecture) This course examines the traditional nuclear family in Western industrialized societies and its various forms. Particularly, families are treated as social relationships and, how these relationships are established, challenged, broken up and re-built are examined. Topics covered include theories on families, dating, family formation, domestic work, domestic violence, divorce, single, and step families. Gender perspectives are applied in this course.
Note: Students may not receive credit for SOC-2103(3) and the former SOC-2103(6).
Requisite Courses: SOC-1101 or WGS-1232 (Declared Majors in Developmental Studies may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-2104 (3) Sociology of Work (3 hrs Lecture) This

course focuses on the social relations of production and the organization of work in advanced industrialized countries. A major concern of the course is to promote understanding of the nature of conflict and harmony in industrial organizations. Possible topics for discussion include the historical and comparative study of labour and management organizations, the hierarchical nature of the workplace, the divisions among the working class, the impact of technological development on the labour process, and the role of government in industrial relations.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2105 (6) Race, Ethnic and Aboriginal Relations (3 hrs Lecture) This course systematically studies the interactions among people who differ racially and/or ethnically from one another. Theoretical explanations of resulting patterns are examined and evaluated. Primary emphasis is on Canadian material, with a special emphasis on Aboriginal peoples.
Requisite Courses: SOC-1101 (Declared majors in Indigenous Studies may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-2107 (3) Criminological Theory (3 hrs Lecture) The problems of defining and explaining crime and deviant behaviour are considered as well as an analysis of the major theoretical trends in the field. The course is designed to introduce students to the intellectual history and development of major theories of crime and deviance and to provide those who wish to pursue their interest with the analytical tools required in the advanced courses in the field of criminology.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2108 (3) Sociology of Deviance (3 hrs Lecture) This course introduces students to the study of discourses of social regulation, moral regulation, and governance in Canada. It focuses on the processes and practices of normalization by exploring practices of power that shape social conduct and individual behaviour around the concept of deviance.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2109 (3) Social Policy and Social Welfare (3 hrs Lecture) This course focuses on the policy context of social welfare with particular emphasis on Canada. How do Canada and other welfare states face up to the challenges posed by major socio-economic trends of today? The impact on welfare policies of globalization and such other important phenomena as family structure, gender roles, ethnic diversity, and an aging population is examined. Policies designed to deal with the challenges of poverty, social isolation, healthcare, homelessness, and disabilities are analyzed. Students are encouraged to apply sociological concepts and learn to analyze and judge particular policies.
Requisite Courses: SOC-1101 (Declared Majors in Developmental Studies may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-2115 (6) Sociology of Socialization and Development (3 hrs Lecture) Using several theoretical perspectives, this course investigates the processes of socialization and personality formation through this life cycle. Emphasis is placed on the content, stages and agencies of socialization in a variety of social contexts. Discussion and analysis are based on social, social psychological and comparative data.
Requisite Courses: SOC-1101 (Declared Majors in Developmental Studies may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-2118 (6) Sex and Gender Relationships (3 hrs Lecture) This course discusses the dynamics of sex and gender relationships in different socio-cultural contexts. Major topics for discussion include gender role differentiation, sex role stereotyping and changes over time in male/female relationships in North American society. Attention is given, where possible, to cross-cultural studies.
Requisite Courses: SOC-1101 or WGS-1232 or permission of the instructor [prerequisite(s)].

SOC-2119 (6) Sociology of Law (3 hrs Lecture) This course analyzes the effects of law on social relationships as well as the social dynamics which give rise to, maintain and alter laws. The sociological aspects of institutions and organizations are studied in the context of the Canadian legal system.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2125 (3) Introduction to Quantitative Research Methods (2 hrs Lecture | 2 hrs Lab) This course is an introduction to the use of descriptive and inferential statistics in the social sciences, with an emphasis on sociology. Students will be introduced to survey research and techniques of data analysis. Lab work is included to develop computer-based statistical skills for use in research. This course is required for majors and honours students.
Note: This course meets the University Science Requirement.
Requisite Courses: SOC-1101 or CJ-1101 [prerequisite(s)]; SOC-2125L (lab) (must be taken concurrently).

SOC-2126 (3) Introduction to Research Design and Qualitative Research (2 hrs Lecture | 2 hrs Lab) This course is an introduction to the principles and techniques of social science research. Areas of discussion involve the major methodological questions in the field, such as the relationship between empirical research and theory construction and the other factors that influence basic research processes. Included will be an introduction to the principles and design of qualitative research. Lab work is included to develop computer skills for use in research. This course is required for all honours and majors students.
Requisite Courses: SOC-1101 or CJ-1101 [prerequisite(s)]; SOC-2126L (lab) (must be taken concurrently).

SOC-2201 (3) Sociology of Aging (3 hrs Lecture) This

course considers the age structure of Canadian society, aging in different cultures, methods of studying aging and sociological theories of aging. Possible issues for discussion include housing, pensions, transportation, and health care.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2202 (3) Changing Patterns of Aging (3 hrs Lecture) This course investigates the changes taking place today in the lives of middle-aged and older Canadians. Emphasis is placed on changes in social institutions and their impact on the process of aging, including the responses of people to change. Possible topics to be covered include issues related to changes in individual and population aging, such as intergenerational relations; changing perceptions of career and retirement; family and community-related role and commitment changes; and new values, attitudes, and alternative lifestyles in later life.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2307 (3) Sociology of Youth (3 hrs Lecture) Analyzing youth in contemporary society, this course explores their problems and roles in the family, education, the economy, politics and government, youth organizations, sub-cultures and social movements.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2308 (3) Critical Social Issues (3 hrs Lecture) Using a sociological perspective, this course examines issues of current social controversy. (A more detailed description will be available in the Department Office during the terms in which the course is offered.)
Note: This course may be repeated for credit when the topic varies.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2404 (3) Sociology of Development and Underdevelopment (3 hrs Lecture) Based on a variety of theoretical perspectives and research in the area of socio-economic development, this course focuses on the problems faced by industrializing countries. Major issues might include the unequal allocation of natural and agricultural resources and the basis of social and political inequalities between industrialized and industrializing countries.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2501 (3) Technology and Society (3 hrs Lecture) This course provides a sociological analysis of the theoretical and substantive issues involved in the impact of technological change on contemporary society. It focuses on technological change as it affects the world of work, the environment, human reproduction, gender relations, and communications. We explore the growing significance of the Internet and its implications for such matters as privacy, community, and social relations. Various strategies for implementing technological change are also examined.
Requisite Courses: SOC-1101 or ENV-1600 [prerequisite(s)].

SOC-2502 (3) Sociology of the Environment (3 hrs Lecture) This course offers an examination of environmental issues and concerns from a sociological perspective. Topics for review include environmental values, attitudes and behaviour; the environmental movement; the political economy of the environment, and environmental risk and risk assessment. Debates surrounding such concepts as sustainable development, deep ecology, environmental justice and global change will also be emphasized.
Cross-listed: ENV-2502(3).
Restrictions: Students may not hold credit for this course and ENV-2502.
Requisite Courses: SOC-1101 or ENV-1600 [prerequisite(s)].

SOC-3002 (3) Comparative Genocide (3 hrs Lecture) Comparative Genocide critically reviews central themes of genocide studies and describes an array of new directions in the field, including cultural genocide, gender and genocide, and structural violence. This course is case-study focused, seeking to place both established and less established cases of genocide in a wider comparative perspective. Cases analyzed may include genocide of Indigenous Peoples in North America and other settler societies, the Nazi Holocaust, the Armenian genocide, the Sri Lankan genocide, the Rwanda genocide, among others. Cases covered vary from year-to-year.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3003 (3) Gendercide (3 hrs Lecture) This course examines gendercide in a comparative and global-sociological perspective. It explores two central propositions: that the framing should be an inclusive one, encompassing the experiences of both women/girls and men/boys and that recognition and amelioration of the phenomenon is a matter of the highest urgency. Themes may include theories of gendercide, sexual violence as a genocidal weapon, and the relevance of feminist and masculinity studies literatures for the study of gendercide. Case studies vary from year-to-year.
Cross-listed: HR-3003(3).
Restrictions: Students may not hold credit for this course and HR-3003.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3102 (6) Sociology of Medicine (3 hrs Lecture) The focus of this course is on the social context of disease and medical care. Topics to be covered include stress and psychosomatic illness, causes and consequences of mental illness, the sick role, variations in illness behaviour, doctor-patient relationships, unorthodox systems of medical practice, psychiatric therapies, organization of the medical profession, social structure of the hospital and politics of the health care system.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3104 (6) Globalization and Societies in the World System (3 hrs Lecture) This course examines the origins and dynamics of the "new world order" from the perspective of world systems and other theories. Various, and often conflicting conceptions of the globalization and its impact on human relations are given a central focus with a particular concern to the interrelationship of nations in the "global village". Emphasis is placed on such crucial phenomena as culture, economic life and distribution of

power. Alternatives to modern national societies are examined.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3115 (3) Political Sociology (3 hrs Lecture) This course examines the emergence of representative democracy in Western industrialized nations. Particular emphasis is given to social and political forces impacting on government and the state, the rise and demise of the Keynesian welfare state, and the abilities of governments to deal with the challenges of "globalization". This course also examines variables linked to voting behaviour in these countries.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3118 (6) Women in Society (3 hrs Lecture) This course examines the social position of women in Western industrial capitalist societies with comparative material from socialist and non-industrial societies. Particular attention is given to the social status of women in the workforce and in the household and to prospects for change. Sociological perspectives explaining the origin and maintenance of the social position of women are examined.
Requisite Courses: SOC-1101 or WGS-1232 or permission of the instructor [prerequisite(s)].

SOC-3123 (3) Crime, Victimization, and Justice in Aboriginal Communities (3 hrs Lecture) This course involves the study of adult and youth crime, victimization and justice in Aboriginal communities. It involves the study of various types of programs (e.g., sentencing circles) developed by Aboriginal communities to facilitate culturally appropriate justice programs and their impact upon community development.
Requisite Courses: SOC-1101 (Declared majors in Indigenous Studies may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-3128 (3) Sociology of Sexuality (3 hrs Lecture) This course explores sociological theories and research in the area of gender and sexuality. The course material examines social construction of gender and sexuality from both micro (interactional) and macro (social structural) viewpoints. The focus is on modern society but attention will be paid to historical processes and cross-cultural studies. Topics such as gender socialization, sports, and the family will also be explored.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3201 (3) Sociology of Youth Justice (3 hrs Lecture) This course examines the historical development of a separate justice system for young persons in Canada. The course offers a sociological analysis of the effectiveness of various reform measures adopted in separate court systems for youth. Attention is directed to the nature and extent of youth crime as well as changing public perceptions about youth violence. The course also examines force-based systems of punishment and restorative models of youth criminal justice. The Canadian youth justice system is compared to models in other Western jurisdictions.
Requisite Courses: SOC-2107 [prerequisite(s)].

SOC-3203 (3) Theories of Penality (3 hrs Lecture) This course explores punishment from a sociological perpsective which involves the study of penal theory and various kinds of disciplinary intervention. Consideration is given to punishments which occur outside the criminal justice system and the wider forms of social regulation in our society. Sociological analyses of punishment consider women prisoners, prisoners from visible and ethnic minorities, and aging prisoners. The privatization of punishment, movements for radical reform, and the establishment of alternative systems of restorative justice and First Nations approaches are also examined.
Requisite Courses: SOC-2107 [prerequisite(s)].

SOC-3204 (3) Economic Sociology (3 hrs Lecture) This course examines the production, exchange, and consumption systems of modern industrial society using the analytical tools of critical sociological enquiry. The topics to be reviewed include alternative forms of complex organization, their differential impact on social structure, and the structure and effects of advertising, marketing and consuming behaviour.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3205 (3) Policing, Governance and Security (3 hrs Lecture) This course examines the changing role of the state in relation to policing, in the context of risk and safety, through an examination of domestic policing, border and immigration patrol, and private security measures. In particular, it examines the nature of policing in Canada from a comparative standpoint; the expansion of the use of detention without due process in the context of terrorism; the rise of private security to police gated communities and the institutional environs such as shopping malls, schools and suburban property. It also examines other issues such as the technological advancements in surveillance.
Requisite Courses: SOC-2107 [prerequisite(s)].

SOC-3208 (3) Women, Crime, and Social Justice (3 hrs Lecture) This course examines gender differences in crime, theories of women's crime, and the treatment of both women offenders and victims by the criminal justice system. Emphasis will be placed on the feminist scholarship that addresses these issues.
Requisite Courses: SOC-2107 or WGS-1232 [prerequisite(s)].

SOC-3210 (6) Critical Studies in Medicine and Psychiatry (3 hrs Lecture) This course provides a sociological approach to understanding the power of medicine and psychiatry in modern society. Topics include cross-cultural differences in conceptions of normal and abnormal, the social history of psychiatric institutions, gender and mental health, social factors contributing to mental and emotional problems, suicide, the experience of psychiatric survivors and patients, the mental health crisis of prisoners, the social construction of mental pathology, the organization and effectiveness of treatment programs, human rights and psychiatric abuses, and the psychopharmaceutical industry.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3212 (6) Sociology of the Body (3 hrs Lecture) The focus of this course is the body, not in its biological sense but in its social sense: the body as a social construction. Every society within a given historical period develops specific meanings for the forms, functions, and movements of the body. This course will examine the human body from a number of different perspectives and study the body as a site of social interaction. This course will survey the history of thinking about the body, the body as a reflection of society and theories of corporeal representation.
Requisite Courses: SOC-1101 or permission of the instructor [prerequisite(s)].

SOC-3213 (3) White Collar and Corporate Crime (3 hrs Lecture) This course is a comprehensive examination of the prevalence and impact of crime committed by those working in the "suites" as opposed to the "streets". Expanding upon the concept of "white collar crime", the course focuses on an investigation of both "occupational" and "organizational/corporate" criminality. As part of that investigation, the course analyzes the "socially injurious acts" of corporations and formal organizations (including governments) against their employees, consumers, the public, and the environment. The course also looks at the deviant and illegal acts of individuals.
Requisite Courses: SOC-2107 [prerequisite(s)].

SOC-3214 (3) Mass Communication and Media (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course examines the social implications of developments in communications and media technologies. Course material focuses on Canadian mass communications and media in an increasingly globalized context. Topics of study include the construction of social reality through communications and media, theoretical perspectives on production and reception, critical analyses of communication industry policy and ownership, news media and journalism, globalization and mass media culture, media representations of war and conflict, and political activism in new media.
Note: Students who obtained credit in the former SOC-3209(6) may not receive credit for this course.
Requisite Courses: SOC-1101 (Declared Majors in Rhetoric, Writing, and Communications or the UW/RRC Joint Communications Degree/Diploma may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-3215 (3) Popular Culture (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course examines the construction of social reality through the dynamics of popular culture. Course material focuses on North American popular culture in an increasingly globalized context. Topics include the history and politics of high and low culture, cultures of consumerism, advertising, public space, identity and popular culture, subcultures and countercultures, culture jamming, postmodern strategies of representation, and political activism in popular culture.
Note: Students who obtained credit in the former SOC-3209(6) may not receive credit for this course.
Requisite Courses: SOC-1101 or ENGL-2145 or WGS-2260. (Declared Majors in Rhetoric, Writing, and Communications or the UW/RRC Joint Communications Degree/Diploma may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-3223 (3) Green Criminology (3 hrs Lecture) This course examines the history and contemporary nature of 'green' (environmental) criminology harms as well as the diverse strategies developed to protect the environment. It explores the way in which governments, transnational corporations, military apparatuses, and ordinary people going about their everyday activities routinely harm the environment, ecology and animals. Topics include the social construction of environmental problems, pollution, illegal disposal of waste, animal rights, the prosecution of specific environmental offences, the regulation of environmental activities, environmental risk, and transnational offences. Students may also be interested in CJ/SOC-3233, which covers different material.
Cross-listed: CJ-3223(3).
Restrictions: Students may not hold credit for this course and CJ-3223.
Requisite Courses: CJ-1101 or SOC-1101 or permission of the instructor [prerequisite(s)].

SOC-3233 (3) Green Justice (3 hrs Lecture) This course examines inequalities across race, gender, class and locality in relation to environmental problems such as toxic waste disposal, air pollution, climate change, deforestation, and environmental disasters. It also examines the response to these inequalities in the form of local and global movements, protests, and politics. Topics include: the history of green justice; how green justices are created; differential exposure to environmental risks; the impact of green inequalities and the various responses to green injustices. Students may also be interested in CJ/SOC-3223, which covers different material.
Cross-listed: CJ-3233(3).
Restrictions: Students may not hold credit for this course and CJ-3233.
Requisite Courses: CJ-1101 or SOC-1101 or permission of the instructor [prerequisite(s)].

SOC-3303 (3) Globalization and Families (3 hrs Lecture) This course aims to facilitate a sociological understanding of the changing connections between families and the larger society in the context of globalization. Topics discussed include work-family balance, inequality, immigration/mobility and families, changing relations between families and their social networks, local communities and the state.
Note: Students are encouraged, but not required, to take SOC-2103(3) prior to taking SOC-3303(3). Students may receive credit for both SOC-3303(3) and the former SOC-2103(6).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: SOC-1101 or WGS-1232. (Declared majors in Developmental Studies may have the requisites waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-3304 (3) Immigrant Families (3 hrs Lecture) This course systematically discusses the unique dynamics of families of recent immigrants in their process of immigration and integration into Canadian society. Topics covered are diverse family forms, family formation, spousal relations, intergenerational relations, older immigrants and elderly care, transnational kinship, and fertility. Since immigrant men and women face dissimilar challenges, a gender perspective is applied through the course. This course aims to assist students of immigrant families to cope with the unique challenges they face and to facilitate students of public services, education, social work, policing, etc. to provide more culturally sensitivity services.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3305 (3) International Migration (3 hrs Lecture) This course systematically investigates the issues of international migration in the modern world from a sociological perspective. The main goal of this course is to provide students with an understanding of the emerging global dynamics of migration and its consequences for migrants and non-migrants everywhere in a comparative perspective. Various migratory movements and settlement patterns in different regions and countries are discussed. Some special attention is also given to Canadian experience so that students can develop a better understanding of immigration and settlement issues of Canada in a global context.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3333 (3) Liberation Sociology (3 hrs Lecture) This course examines liberation sociology - a form of emancipatory sociology - which seeks sound scientific knowledge, but often takes sides with and the outlook of the oppressed. The course adopts what Gideon Sjoberg calls a *countersystem* approach, envisioning research relevant to everyday human (and nonhuman animal) problems. The significance of taking this standpoint is explored throughout this course, including the consequences for the stages of social research: on how we know what we know; on what we choose to research; on the nature of our scientific endeavours; on the methods we choose; and on the conclusions that we can draw from research.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3401 (3) Animals in Society (3 hrs Lecture) This course examines the relationship between humans and non-human animals, looking at the historical development of this relationship and various theoretical approaches to it. Through an examination of ideas such as anthropocentrism, it looks at the social construction of animals, the ways in which they are symbolically transformed, presented, and represented as part of human culture, through a human lens. Students may also be interested in SOC-3402, which covers different material.
Requisite Courses: SOC-1101 or permission of the instructor [prerequisite(s)].

SOC-3402 (3) Critical Animal Studies (3 hrs Lecture) This course offers a critical analysis of the exploitation of animals in the context of global capitalism and environmental destruction. Current developments within the field of critical animal studies are shifting the ways that humans view issues such as the captivity of animals and their use in food production. Critical animal studies calls for a change in the way we conceptualize and act towards animals, moving animals from the margins to the center of scholarship, and advocating for animal rights. Students may also be interested in SOC-3401, which covers different material.
Requisite Courses: SOC-1101 or permission of the instructor [prerequisite(s)].

SOC-4101 (6) Seminar in Social Stratification (3 hrs Seminar/Discussion) This course examines the nature and significance of social stratification from an historical perspective as well as the structure and development of modern capitalism and socialism. Class relationships in contemporary societies and the future of class are analyzed. Other topics include caste and status communities, power differentials, women and stratification, and such topics in social stratification as students choose to research.
Restrictions: Honours Form Required.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-4116 (3) Seminar in Quantitative Research Methods (3 hrs Seminar/Discussion) This course is an advanced study of the techniques and methodology of quantitative sociological analysis. This will include in-depth discussion of methodological questions plus theoretical and practical experience with research design, data collection, statistical data processing and interpretation. The emphasis will be placed on computer based data analysis techniques. A major research project is to be completed.
Restrictions: Honours Form Required.
Requisite Courses: SOC-2125(3) and SOC-2126(3) or the former SOC-2106(6) [prerequisite(s)].

SOC-4126 (3) Seminar in Qualitative Research Methods (3 hrs Seminar/Discussion) This course is the advanced study of the major qualitative approaches to research, among them: phenomenology, symbolic interaction, ethnomethodology, and ethnology. This will include in-depth discussion of the methodological questions and debates of the day plus an opportunity for students to gain firsthand experience using a variety of data gathering techniques such as participant observation, interviewing surveys, life histories and case studies. Some computer-based applications of qualitative analysis will be explored. A major research project is to be completed.
Restrictions: Honours Form Required.
Requisite Courses: SOC-2125(3) and SOC-2126(3) or the former SOC-2106(6) [prerequisite(s)].

SOC-4201 (3 or 6) Selected Topics I (3 hrs Seminar/Discussion) The content of the Selected Topics Course varies from year to year.
Restrictions: Honours Form Required.

SOC-4202 (3 or 6) Selected Topics II (3 hrs Seminar/Discussion) The content of the Selected Topics course varies from year to year.
Restrictions: Honours Form Required.

SOC-4204 (6) Tutorial (3 hrs Tutorial) This course provides Honours students with an opportunity, under the direction of a professor, for advanced study in a selected area. The course will normally be taken only by students who have achieved some competence in the area selected.
Note: Consent of instructor and Departmental Honours Committee is required.
Restrictions: Honours Form Required.

SOC-4205 (3) Tutorial II (Tutorial) This course provides Honours students with an opportunity, under the direction of a professor, for advanced study in a selected area. The course will normally be taken only by students who have achieved some competence in the area selected.
Note: Consent of instructor and Departmental Honours Committee is required.
Restrictions: Honours Form Required.

SOC-4401 (6) Seminar in Sociological Theory (3 hrs Seminar/Discussion) This course examines major classical and contemporary theories. Central theoretical debates and their contemporary relevance are evaluated. Possible topics for discussion also include theory construction and verification processes.
Restrictions: Honours Form Required.
Requisite Courses: SOC-1101(6); SOC-2010(3) and SOC-2011(3) or SOC-2012(3), or the former SOC-2114(6) [prerequisite(s)].

SOC-4405 (6) Honours Research Paper (Project / Thesis) At the end of their fourth year, Honours students are required to present an Honours paper. This course provides fourth year students with an opportunity to prepare that paper. Each student will select an area of special interest and will work under the guidance of a supervisor throughout the year. Required of all Honours students.
Restrictions: Honours Form Required.

SOC-4406 (6) Seminar in Sociology of Law and Criminology (3 hrs Seminar/Discussion) This course is an advanced study of the sociology of crime, moral regulation and deviance. The course also examines law and social control institutions and practices. Student-initiated research is involved.
Restrictions: Honours Form Required.
Requisite Courses: SOC-1101 and SOC-2107 or SOC-2119 [prerequisite(s)].

SOC-4408 (6) Seminar in Socialization and Development (3 hrs Seminar/Discussion) This course is an advanced study of the processes of socialization and personality development through the life cycle. Various theoretical orientations are discussed emphasizing methodological questions, theoretical contributions and empirical research.
Restrictions: Honours Form Required.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-4409 (6) Seminar in the Sociology of Science, Medicine, and Technology (3 hrs Seminar/Discussion) This course examines major theoretical developments and trends in the interrelated areas of science, medicine and technology. Topics include the political economy of medicine, social history of medicine, bioethics and biopolitics, the pharmaceutical industry, medical imaging and graphics technologies, genetic engineering, the social studies of science and technology, and the sociology of scientific knowledge.
Restrictions: Honours Form Required.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-4412 (6) Seminar in Sociology of Families (3 hrs Seminar/Discussion) This course is an advanced study of the sociology of families with a major focus on theoretical approaches to the study of families; an examination of internal processes of families; a delineation of patterns of stress at each stage of family development; and an analysis of linkages with other institutions at each stage of family development. Attention is placed on the North American family with some reference to cross-cultural material.
Restrictions: Honours Form Required.
Requisite Courses: SOC-1101 or WGS-1232 or permission of the instructor [prerequisite(s)].

SOC-4413 (6) Seminar in Race and Ethnic Relations (3 hrs Seminar/Discussion) This course emphasizes the theoretical and substantive issues in the study of race and ethnic relations. The structure, development, ideologies, and linkages of race and ethnic relations with social institutions are examined in a comparative cross-national perspective. Specific issues based on student concerns will be explored in depth.
Restrictions: Honours Form Required.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-4414 (6) Seminar on Women in Society (3 hrs Seminar/Discussion) This course examines the status and role of women cross-culturally and historically. Emphasis is placed on theoretical perspectives attempting to account for the social position of women. Particular attention will be paid to work and inequalities.
Restrictions: Honours Form Required.
Requisite Courses: SOC-1101 or WGS-1232 or permission of the instructor [prerequisite(s)].

SOC-4415 (6) Seminar on Sociology of Culture (3 hrs Seminar/Discussion) This course examines the major sociological perspectives on the emergence and nature of contemporary urban culture. The course will examine issues such as the culture-ideology debate, high culture versus low culture, commercial mass culture, secular rituals and the increasing impact of mass media.
Restrictions: Honours Form Required.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-4800 (6) Field Research Placement (Apprenticeship/Internship/Practicum) This course provides students with two sociological field research placement options. They can either be matched with an opportunity to work in a supervised research setting in a community or they can take an existing research proposal and work with a matched community organization to bring that proposal to completion. The course has both classroom and field

research components.
Cross-listed: CJ-4800(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and CJ-4800.
Requisite Courses: SOC-2125 and SOC-2126 and permission of the instructor [prerequisite(s)].

SPANISH STUDIES

SPAN-1001 (6) Introductory Spanish (3 hrs Lecture | 1 hrs Lab) This course is designed for students who have little or no previous knowledge of Spanish and who wish to acquire a solid base in the written and spoken language. An effort is made to place equal emphasis on reading, writing, aural comprehension, and oral expression. To this end, one hour of language laboratory / small-group work supplements classroom work each week.
Note: Native speakers of Spanish or students who have standing in Spanish 40S or equivalent are not eligible to take this course.
Requisite Courses: SPAN-1001L (lab) (must be taken concurrently).

SPAN-2001 (6) Intermediate Spanish (3 hrs Lecture | 1 hrs Lab) The aim of this course is to enable students to increase their proficiency in the following skills: reading, writing, aural comprehension and oral expression. Students review and build on grammar essentials, discuss readings and related topics of current interest, write compositions, and practice the spoken language. One-hour of language laboratory / small-group work provides additional practice each week.
Note: Students who have received a year or more of their secondary school education in a Spanish-speaking environment are not eligible to take this course.
Requisite Courses: SPAN-1001, Spanish 40S or permission of the Department Chair [prerequisite(s)]; SPAN-2001L (lab) (must be taken concurrently).

SPAN-2109 (3) Advanced Intermediate Spanish I (3 hrs Lecture) This course is designed to help students make the transition from the intermediate to the advanced level. It continues to develop intermediate skills in reading, writing, speaking and listening. It provides a review of pronunciation and grammar with particular attention paid to the use of the subjunctive mood and complex sentences. This is combined with extensive writing practice and conversation about contemporary issues relating to the Spanish-speaking world. Students improve proficiency by further developing their communicative competence while expanding their social and cultural awareness.
Requisite Courses: SPAN-2001 or permission of the Department Chair [prerequisite(s)].

SPAN-2110 (3) Intermediate Written Expression (3 hrs Lecture) This course is designed primarily to improve student's written expression in Spanish; oral expression also receives attention. Students are introduced to the major aspects of the writing process, specific writing techniques (description, narration and argumentation), and grammatical and stylistic editing. Model texts are presented and assignments focus on selected prose genres (e.g., composition, correspondence, summary). Individual work and small-group activities consist of writing sentences, paragraphs, and compositions.
Requisite Courses: SPAN-2109 or permission of the Department Chair [prerequisite(s)].

SPAN-2114 (3) English-Spanish Translation (3 hrs Lecture) This course in translation from English to Spanish serves a dual purpose: to give students an opportunity to expand their Spanish vocabulary and grammatical skills and to introduce them to specific written styles in the target language (Spanish). A number of recurring semantic, grammatical and syntactic features of Spanish are studied through shorter translation exercises and through the translation of longer documents, e.g., newspaper articles, business letters, advertisements.
Requisite Courses: SPAN-2109 or permission of the instructor [prerequisite(s)].

SPAN-2115 (3) Spanish-English Translation (3 hrs Lecture) Taught in Spanish, this course introduces the principles of written translation from Spanish into English. Practical exercises focus on translation difficulties relating to English vocabulary, grammar, and style. Students translate short authentic Spanish-language texts from a variety of sources including newspapers, magazines, and literature.
Requisite Courses: SPAN-2109 or permission of the instructor [prerequisite(s)].

SPAN-2116 (3) Spanish for Business (3 hrs Lecture) This practical course is intended primarily to teach students to communicate effectively in business. Course materials include situational texts reflecting business activities and covering a range of topics such as trade, office and computer vocabulary, financial institutions, marketing and advertising. The course is designed to expand language skills already acquired as well as to present the specialized vocabulary and idioms used in the business environment. It includes extensive exercises in vocabulary, comprehension, business writing, and correspondence.
Requisite Courses: SPAN-2109 or permission of the instructor [prerequisite(s)].

SPAN-2180 (3) Introduction to Hispanic Literature (3 hrs Lecture) This course gives students the foundational skills required to read and write in Spanish about literature. Students are introduced to terms and tools of analysis necessary for a critical reading of literary texts drawn from different genres and a variety of areas of the Hispanic world (Spain and Latin America). Some class time is devoted to the development of writing skills as well as academic research techniques.
Requisite Courses: SPAN-2001 or permission of the instructor [prerequisite(s)].

SPAN-2181 (3) The Hispanic American Short Story (3 hrs Lecture) This course allows students to develop an appreciation of the diversity of literature of the Hispanic world through the study of representative short stories from authors of Latin American countries such as: Juan Rulfo (Mexico), Gabriel García Márquez (Colombia), Baldomero Lillo (Chile), Isabel Allende (Chile) among others. Through the reading of these short stories, students are able to expand their Spanish language lexicon, increase their cultural knowledge of the regions as well as augment their historical sociopolitical awareness of the countries of the authors studied. Course approaches: close textual reading of the texts, vocabulary development, and

photographs and films on the culture and historical backgrounds to the works selected.
Requisite Courses: SPAN-2180 or any 12 credit hours in 2000-level Spanish Studies courses [prerequisite(s)].

SPAN-2384 (3) Modern Peninsular Spanish Literature and Culture (3 hrs Lecture) This course offers a critical study of representative works by Spanish novelists, poets and dramatists from the beginning of the twentieth century to the Spanish Civil War (1936-1939) and from the postwar era up to Franco's death in 1975, with particular attention to the influence of Spain's social and political history on its writers and their literary works. Authors studied may include Federico García Lorca, Jorge Guillén, Miguel Hernández, Camilo José Cela, Carmen Laforet Diáz and Antonio Buero Vallejo.
Requisite Courses: SPAN-2180 or permission of the instructor [prerequisite(s)].

SPAN-2385 (3) Literature and Culture of Post-Franco Spain (3 hrs Lecture) This course offers a critical study of representative works by Spanish novelists, poets and dramatists since Franco's death in 1975, with particular attention to the dramatic political and socio-cultural changes that Spain has experienced and the role of the country within the European Union today. Authors studied may include Juan Goytisolo, Juan Marsé, Carmen Martín Gaite and José Angel Mañas.
Requisite Courses: SPAN-2180 or permission of the instructor [prerequisite(s)].

SPAN-2386 (3) Introduction to Hispanic Cinema (3 hrs Lecture) This course traces the evolution of Spanish and Latin American cinema. The development of the Hispanic cinematic canon is explored through the critical analysis of representative films by renowned directors such as Luis Buñuel, Victor Erice, Pedro Almodóvar, Adolfo Aristarain, Pablo Larraín, and Alejandro Gonzalez Iñárritu. Attention is paid to the sociocultural and political context of the films presented. Students acquire the terminology and tools of analysis specific to film studies while exposed to the social realities of contemporary Spain (e.g., national stereotypes, European integration, racism, immigration, gender identities) as depicted in films.
Requisite Courses: SPAN-2180 or permission of the instructor [prerequisite(s)].

SPAN-2710 (3) Classics of Spanish Literature (3 hrs Lecture) In this course students study three classics of Spanish literature: *The Life of Lazarillo de Tormes*, by an anonymous author; the first part of *Don Quixote*, by Miguel de Cervantes Saavedra; and *Life is a Dream*, by Pedro Calderón de la Barca. Students discuss and analyze the historical, socio-cultural, intertextual, metatextual, and self-referential implications of these works, as well as their influence in other arts such as painting and cinema. Students in SPAN-2710 read the texts in English translation and write in English.
Cross-listed: ENGL-2710(3), MOD-2710(3), SPAN-3710(3).
Restrictions: Students may not hold credit for this course and ENGL-2710 | MOD-2710 | SPAN-3710.
Requisite Courses: SPAN-2180(3) or FREN-2180(3) or GERM-2209(3) or 6 credit hours of First-Year English [prerequisite(s)].

SPAN-3101 (3) Spanish Civilization from the Middle Ages to the Golden Age (3 hrs Lecture) This course traces the evolution of Spanish culture from the Middle Ages to the end of the Golden Age in the 17th century. In addition to a broad overview of Spanish history and geography, topics may include art and architecture (religious, military and domestic) and the customs and traditions of Spain.
Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000 level or permission of instructor [prerequisite(s)].

SPAN-3102 (3) Spanish Civilization from the Enlightenment to the Present (3 hrs Lecture) This course traces the evolution of Spanish culture from the eighteenth century to the present day. In addition to a broad overview of Spanish history, topics may include Spanish art (e.g., Velázquez, Goya, Picasso, Dalí), architecture (religious, military, and domestic), and cultural institutions (e.g., the Real Academia Española).
Requisite Courses: Any 9 credits in Spanish Studies above the 1000 level or permission of the instructor [prerequisite(s)].

SPAN-3103 (3) Latin American Civilization: Pre-Colonial and Colonial (3 hrs Lecture) This course offers a survey of pre-Columbian civilizations up to the end of the 15th century as well as a focus on the Spanish colonization during the 16th century. Areas studied may include customs, domestic issues, the military, painting, sculpture, architecture, music or religion. Aspects relating to history, geography, literature, and language may also be discussed. The merging of cultures, resulting from the power struggles among the Indigenous peoples and the Spanish, is an important focus as well.
Requisite Courses: Any 9 credits in Spanish Studies above the 1000 level or permission of the instructor [prerequisite(s)].

SPAN-3104 (3) Latin American Civilization: From Independence to the Present (3 hrs Lecture) This course focuses on cultural studies relating to Latin America from the 18th century, the "Century of Enlightenment", to the present. Topics may include customs, domestic issues, the military, painting, sculpture, architecture, music or religion. Aspects relating to history, geography, literature, and language may also be discussed. The coexistence of the Creole, *Mestizo*, and Indigenous peoples in Latin America, and the power struggles among the groups, are also examined.
Requisite Courses: Any 9 credits in Spanish Studies above the 1000 level or permission of the instructor [prerequisite(s)].

SPAN-3113 (3) Exploring Language and Society Through Texts (3 hrs Lecture) This course examines current events, social issues and artistic and intellectual trends in the contemporary Hispanic world through the analysis and discussion of media sources including the Internet, television and the press. The course offers

extensive reading practice and is designed for students who wish to develop a high level of oral and written proficiency in Spanish. Emphasis is placed on the acquisition of specialized vocabulary. Course work includes written compositions, oral presentations, debates and round-table discussions.
Requisite Courses: Any 9 credits in Spanish Studies language courses or permission of the instructor [prerequisite(s)].

SPAN-3114 (3) English-Spanish Interpretation (3 hrs Lecture) Taught in Spanish, this course introduces the basic techniques of consecutive and simultaneous interpretation (spoken translation) from English into Spanish. Attention is given to cross-cultural communication problems. Skills are developed through a variety of topics, styles, and registers. The skills practiced in this course are applicable to various fields of interpretation (e.g., conference, legal, medical).
Requisite Courses: SPAN-2114 or SPAN-2115 or permission of the instructor [prerequisite(s)].

SPAN-3181 (3) Modern Latin American Literature in Spanish (3 hrs Lecture) This course provides a chronological survey of Latin American literature from the Modernismo period (c.1880) to the present day, including selections from such authors as Rubén Darío (Nicaragua), Gabriela Mistral (Chile), Jorge Luis Borges (Argentina), Pablo Neruda (Chile), Octavio Paz (Mexico) and Gabriel García Márquez (Colombia). Through the analysis of representative texts of various literary genres, the course examines the literary movements of the period and their social political and historical context.
Requisite Courses: Any 6 credit hours in 2000-level Spanish Studies literature courses or permission of the instructor [prerequisite(s)].

SPAN-3182 (3) Literature of the Golden Age (3 hrs Lecture) This course examines the main literary genres and movements of the Golden Age in Spain through the study of representative works from the sixteenth and seventeenth centuries by such authors as Góngora, Cervantes, Calderón de la Barca, Garcilaso de la Vega, Tirso de Molina and Lope de Vega. Special emphasis is placed on the study of *Don Quijote de la Mancha*, the first modern novel of Western literature.
Requisite Courses: Any 6 credit hours in Spanish Studies literature courses or permission of the instructor [prerequisite(s)].

SPAN-3183 (3) Spanish Literature from the Enlightenment to the Generation of 1898 (3 hrs Lecture) This course examines the evolution of Spanish literature from the 18th century to the beginning of the 20th century. The main literary movements (neoclassicism, preromanticism, Romanticism, realism, naturalism, modernism) are studied through selected works of poetry, prose, and drama by such authors as Feijóo, Jovellanos, Cadalso, Larra, Galdós, Valera, and Unamuno. Students are introduced to a variety of methodologies for literary analysis such as narratology, dramatology, and semiotics.
Requisite Courses: Any 6 credit hours in Spanish Studies literature courses or permission of the instructor [prerequisite(s)].

SPAN-3184 (3) The Latin American Novel (3 hrs Lecture) This course examines the development of the Latin American novel. Works studied represent some of the most important contemporary Latin American writers, such as Isabel Allende, Gabriel García Márquez, Manuel Puig, Juan Rulfo, Carlos Fuentes, and Mariano Azuela.
Requisite Courses: Any 6 credit hours in 2000-level Spanish Studies literature courses, or permission of the instructor [prerequisite(s)].

SPAN-3185 (3) The Spanish Novel (3 hrs Lecture) This course offers the possibility to read, analyze, and discuss in depth novels written by celebrated Spanish authors. Authors studied may include Miguel de Cervantes, Francisco de Quevedo, Leopoldo Alas "Clarín", Benito Pérez Galdós, Juan Valera, Camilo José Cela, and Juan Benet.
Requisite Courses: Any 6 credit hours in 2000-level Spanish Studies literature courses, or permission of the instructor [prerequisite(s)].

SPAN-3186 (3) Colonial and Nineteenth-Century Latin American Literature in Spanish (3 hrs Lecture) This course provides a chronological survey of Latin American literature from the end of the 15th century, the age of Spanish colonization, to the 19th century, the heyday and decline of realism and naturalism. Literary movements and their social, political and historical contexts are examined through the analysis of representative texts. Selections are drawn from such authors as Bernal Díaz del Castillo (Spain), El Inca Garcilaso de la Vega(Peru), Sor Juana Inés de la Cruz (México), Simón Bolívar (Venezuela), Esteban Echeverría (Argentina), Gertrudis Gómez de Avellaneda (Cuba), and Daniel Riquelme (Chile).
Requisite Courses: Any 6 credit hours in 2000-level Spanish Studies literature courses, or permission of the instructor [prerequisite(s)].

SPAN-3187 (3) Spanish Literature of the Middle Ages (3 hrs Lecture) This course examines the evolution of Spanish literature from the 11th to the 15th century. Authors or works studied will include *El Cantar de Mio Cid*, Don Juan Manuel, *El Arcipreste de Hita*, Jorge Manrique and Fernandy de Rojas. Special emphasis is placed on the study of *La Celestina*.
Requisite Courses: Any 6 credits hours in 2000-level Spanish Studies literature courses, or permission of the instructor [prerequisite(s)].

SPAN-3301 (3) History of the Spanish Language (3 hrs Lecture) This course traces the development of the Spanish language from its Latin origins to its modern-day dialects in Spain and the Americas. It examines both the internal evolution of the Spanish Language(its phonetics, phonology, morphology, syntax, semantics, and pragmatics) and the sociocultural and historical factors that influenced its development. Various linguistic documents illustrating the distinct features of Spanish in different eras are studied. Special attention is paid to the appearance of cognate words shared by Spanish and English.
Restrictions: Students may not hold credit for this course

and LING-3505.
Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000-level, or permission of the instructor [prerequisite(s)].

SPAN-3710 (3) Classics of Spanish Literature (3 hrs Lecture) In this course students study three classics of Spanish literature: *The Life of Lazarillo de Tormes*, by an anonymous author; the first part of *Don Quixote*, by Miguel de Cervantes Saavedra; and *Life is a Dream*, by Pedro Calderón de la Barca. Students discuss and analyze the historical, socio-cultural, intertextual, metatextual, and self-referential implications of these works, as well as their influence in other arts such as painting and cinema. Students in SPAN-3710 read the original texts and write in Spanish. The language of lectures is English.
Note: With permission from the department, SPAN-3710 may be taken for credit with SPAN-2710, ENGL-2710, or MOD-2710.
Cross-listed: ENGL-2710(3), MOD-2710(3), SPAN-2710(3).
Restrictions: Students may not hold credit for this course and ENGL-2710 | MOD-2710 | SPAN-2710.
Requisite Courses: Any six credit hours in 2000-level Spanish Studies literature courses, or permission of the instructor [prerequisite(s)].

SPAN-3910 (3 or 6) Special Topics in Spanish Studies (3 hrs Tutorial) In this tutorial, students explore a topic in Spanish language or literature under the direction of a professor, for example: the mystical and surrealist poetry of Octavio Paz or the magic realism of Juan Rulfo and Gabriel García Márquez. This course may be repeated when the topic varies.
Restrictions: Instructor Permission Required.

STATISTICS

STAT-1301 (3) Statistical Analysis I (3 hrs Lecture) This course introduces students in the natural, physical, social and human sciences to elementary statistical analysis and its applications. Topics include descriptive statistics, probability theory including counting techniques, discrete random variables and their expected values and variances, normal distribution and applications, sampling distributions and estimation of parameters.
Restrictions: Students may not hold credit for this course and PSYC-2101 | STAT-1201 | STAT-1401 | STAT-1501.
Requisite Courses: Pre-Calculus Math 40S or Applied Math 40S [prerequisite(s)].

STAT-1302 (3) Statistical Analysis II (3 hrs Lecture) This course is an extension of STAT-1301(3). Topics include: review of sampling distributions and estimation of parameters; statistical testing and confidence intervals using z, t, F, and chi-square distributions; analysis of variance; goodness-of-fit tests and contingency tables; linear regression and correlation; and non-parametric procedures.
Restrictions: Students may not hold credit for this course and PSYC-2101 | STAT-1201 | STAT-1601 | STAT-2001.
Requisite Courses: STAT-1301 or STAT-1501 [prerequisite(s)].

STAT-1401 (3) Statistics 1 for Economics, Business and Social Sciences (3 hrs Lecture) This course introduces students to statistical analysis and applications in economics, business and other social sciences. A computer lab component using Excel is an integral part of the course. Specifically, students learn to use Excel in analyzing data from the above fields. Topics include descriptive statistics, probability theory including distribution and its applications, sampling distributions and estimation of parameters. Students will be required to use Excel software for some of their data analyses.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and PSYC-2101 | STAT-1201 | STAT-1301 | STAT-1501.
Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S [prerequisite(s)].

STAT-1501 (3) Elementary Biological Statistics I (3 hrs Lecture) This is an elementary course providing students in biological and health sciences with an introduction to statistical analysis of data and the making of inferences about them. Topics include: descriptive statistics, probability and probability distributions, and tests of hypotheses and estimation. Applications are drawn from biology, chemistry and other sciences.
Restrictions: Students may not hold credit for this course and PSYC-2101 | STAT-1201 | STAT-1301 | STAT-1401.
Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S [prerequisite(s)].

STAT-2001 (3) Elementary Biological Statistics II (3 hrs Lecture) This course is an extension of STAT-1501(3) for further aspects of statistical analysis. Topics include a review of one sample statistical testing and confidence intervals; two sample inferences; analysis of variance including contrasts and multiple comparisons; analysis of qualitative data based on chi-square distribution; regression and correlation analyses; and nonparametric procedures. Applications are drawn from biology, chemistry and other sciences.
Restrictions: Students may not hold credit for this course and PSYC-2101 | STAT-1201 | STAT-1302 | STAT-1601.
Requisite Courses: STAT-1301 or STAT-1501 [prerequisite(s)].

STAT-2102 (3) Business and Management Statistics (3 hrs Lecture) This course surveys quantitative management science techniques used in both the private sector and government. The contents include classical decision-making, utility for money, statistical and Bayesian decision-making, decision trees, index numbers and their properties, elementary quality control, and decomposition of time series and seasonal and cyclical analysis. Emphasis will be on having students communicate effectively through essays and term projects.
Requisite Courses: STAT-1302, or the former STAT-1201, or both STAT-1501 and STAT-2001 or the former STAT-1601 [prerequisite(s)].

STAT-2103 (3) Intermediate Biological Statistics (3 hrs Lecture) This course provides students with the underlying concepts and techniques for applying biometrical procedures to problems arising in biological and medical research. Topics include basic experimental designs and models for one-factor analysis of variance, multiple comparison procedures, data transformations, introductory multiple linear regression analysis, analysis of count data, Poisson index of dispersion, inference about the Poisson parameter, analysis of proportions, analysis of covariance with one factor and one covariate, and biological assay (analysis of quantal response, probit and/or logit transformations, parallel line assays and slope-ratio assays. Logistic regression with one regressor variable may also be covered.
Requisite Courses: STAT-1302, or the former STAT-1201, or both STAT-1501 and STAT-2001 or the former STAT-1601 [prerequisite(s)].

STAT-2104 (3) Nonparametric Statistics (3 hrs Lecture) This course considers statistical methods for analysing data when the distribution of the population is unknown and/or the measurement is on a nominal, ordinal, or interval scale. The contents include inference based on the binomial distribution, the Mann-Whitney-Wilcoxon test, the Wilcoxon signed rank test, measures of association for ranked data, the Kruskal-Wallis and Friedman tests, and elements of contingency table analysis.
Requisite Courses: STAT-1302, or the former STAT-1201, or both STAT-1501 and STAT-2001 or the former STAT-1601 [prerequisite(s)].

STAT-2301 (3) Survey Sampling I (3 hrs Lecture) This course emphasizes practical aspects of conducting sample

surveys. The four most common sample survey designs, simple random sampling, stratified random sampling, systematic sampling, and cluster sampling are examined. The course also deals with ratio and regression type estimators.
Note: This course is of interest not only to Statistics majors but also to students of Business, Economics, Sociology and other social sciences as well as Environmental Studies.
Requisite Courses: STAT-1302, or the former STAT-1201, or both STAT-1501 and STAT-2001 or the former STAT-1601 [prerequisite(s)].

STAT-2413 (3) Introduction to Mathematical Finance (3 hrs Lecture) This course gives an introduction to the mathematics of finance, an area of applied mathematics concerned with financial markets. Topics include present value analysis; geometric Brownian motion and its suitability as a model of stock prices; option pricing; the Arbitrage Theorem; derivations of the Black-Scholes formula; and portfolio selection. The approach emphasizes underlying mathematical tools and their derivation.
Cross-listed: MATH-2413(3).
Restrictions: Students may not hold credit for this course and MATH-2413.
Requisite Courses: MATH-1201 or the former MATH-2201 and either STAT-1301, STAT-1501 or the former STAT-1201, and either MATH-1101, MATH-1102, or MATH-1103 [prerequisite(s)].

STAT-2501 (3) Statistical Quality Control (3 hrs Lecture) This course deals with modern statistical techniques used in various branches of industry to control and improve quality of production. Special attention is given to the techniques most widely used in business and manufacturing industries. The contents include common control charts, sampling inspection by attributes and by variables, sampling plans for continuous production, OC and ASN functions, and curtailed inspections.
Requisite Courses: STAT-1302, or the former STAT-1201, or both STAT-1501 and STAT-2001 or the former STAT-1601 [prerequisite(s)].

STAT-2903 (3) Introduction to Statistical Computing (3 hrs Lecture | 3 hrs Lab) Students with limited computer experience are introduced to the use of modern statistical computer packages for data management and data analysis. Specifically, students learn how to use the computer for testing of pseudorandom numbers, simulation of discrete and continuous random variables, bootstrapping, analysis of single and multiple samples, linear and nonlinear regression, and analysis of contingency tables. Particular attention is paid to the effects of departures from standard assumptions.
Requisite Courses: STAT-1302, or the former STAT-1201, or both STAT-1501 and STAT-2001 or the former STAT-1601, or permission of the instructor [prerequisite(s)]; STAT-2903L (lab) (must be taken concurrently).

STAT-3102 (3) Applied Multivariate Methods (3 hrs Lecture | 1.25 hrs Lab) This course is designed to provide an introduction to an important area in statistics which deals with the analysis of three or more intercorrelated random variables. It covers the following topics: Euclidean vector spaces, vector projections and orthogonalization methods, quadratic forms and symmetric positive (semi) definite matrices and their eigenstructures (eigenroots/vectors), the bivariate and multivariate normal probability functions, principal components analysis, canonical correlation analysis, and multi-group classification.
Restrictions: Students may not hold credit for this course and STAT-3101.
Requisite Courses: STAT-1302 or the former STAT-1201, or STAT-2001, or the former STAT-1601, or MATH-2203, or the former MATH-2221, or MATH-2201 [prerequisite(s)]; MATH-3612 or STAT-3612 (formerly STAT-3202) (must be taken previously or at the same time as this course); STAT-3102L (lab) (must be taken concurrently).

STAT-3103 (3) Statistics in Research I (3 hrs Lecture) This course provides an introduction to the practice of statistical research via concepts selected from applied regression analysis. Topics include linear and multiple linear regression, nonlinear and logistic regression and related simultaneous inference procedures. Diagnostic methods and remedial measures for assessing the adequacy of regression models are presented in detail. Various criteria for model selection and validation are discussed.
Restrictions: Students may not hold credit for this course and STAT-3101.
Requisite Courses: STAT-1302 or STAT-2001 or the former STAT-1201(6) or the former STAT-1601(3) AND MATH-1201 [prerequisite(s)].

STAT-3104 (3) Analysis of Variance and Covariance (3 hrs Lecture) This course provides students with insight into the practice of statistical research. Emphasis is placed upon the development of various analysis of variance (ANOVA) models for single-factor and multi-factor studies. Topics are chosen from design and analysis of completely randomized, randomized block, Latin square designs and the analysis of covariance (ANCOVA). Random, fixed and mixed effects models as well as sample size determination, power analysis, diagnostics and remedial measures are discussed. Split-plot, nested, partially nested and repeated measure designs may be presented.
Restrictions: Students may not hold credit for this course and STAT-3101.
Requisite Courses: STAT-1302 or STAT-2001 or the former STAT-1201(6) or the former STAT-1601(3), AND MATH-1201 [prerequisite(s)].

STAT-3105 (3) Time Series and Forecasting (3 hrs Lecture) The course deals with the general problem of analysing data which is ordered over time, for the purpose of forecasting and statistical prediction. Such data do not represent an independent sample and thus can not be analyzed using other statistical methods. Topics include: trend analysis, smoothing by moving averages, seasonal indices; forecasting using exponential smoothing and Box-Jenkins models.
Restrictions: Instructor Permission Required. Students may not hold credit for this course and STAT-2601.

Requisite Courses: STAT-3103 [prerequisite(s)].

STAT-3401 (3) Stochastic Processes (3 hrs Lecture) This course is designed to introduce students to important aspects of stochastic modelling including Markov chains, Poisson processes, and renewal processes. Markov chains in both discrete and continuous time will be considered. This course emphasizes the application of theory to problems in manufacturing, telecommunications, and biological systems.
Requisite Courses: STAT-3611 (formerly STAT-3201) or the former STAT-2701 and MATH-2203 (or the former MATH-2201) [prerequisite(s)].

STAT-3412 (3) Introduction to Operations Research (3 hrs Lecture) This course provides a practical introduction to the formulation and solution of some economics and industrial problems using Operations Research models. It emphasizes model-building and problem-solving using computer packages. Topics covered are chosen from linear programming, transportation, assignment and transshipment problems, network models, integer programming, nonlinear programming, decision making, inventory models, and queuing theory.
Cross-listed: MATH-3412(3).
Restrictions: Students may not hold credit for this course and MATH-3412.
Requisite Courses: MATH-1201 or MATH-2201 or ECON-3201 and permission of the instructor [prerequisite(s)].

STAT-3501 (3) Simulation (3 hrs Lecture | Lab) This course is designed to show students how a computer can be utilized to model phenomena with stochastic elements and how analysis can be carried out in the context of a simulation study. Topics will be drawn from the following: generating an arbitrary random variable; the discrete event simulation approach; variance reduction techniques; statistical validation techniques; bootstrapping and other resampling methods; statistical analysis of simulated data; and simulation languages.
Requisite Courses: MATH-3611 or STAT-3611 and STAT-2903 or permission of the instructor [prerequisite(s)].

STAT-3602 (3) Demography (3 hrs Lecture | 1.25 hrs Lab) This course introduces students to the statistical study of the structure of human populations and changes in population over time. Emphasis is placed on the statistical aspects of the methods and materials of demography. Topics include population size, distribution and composition, population change, mortality and health, life tables, population models, fertility, migration, and methods used in the study of population, including rates and standardization (direct and indirect), and population estimation and projection. There is some use of statistical and spreadsheet software.
Requisite Courses: STAT-1302 or STAT-2001 or GEOG-2309 or the former STAT-1201 or STAT-1601 [prerequisite(s)]; STAT-3602L (lab) (must be taken concurrently).

STAT-3611 (3) Mathematical Statistics I (3 hrs Lecture) The course provides students with a firm foundation in probability theory, which is necessary for a complete understanding of any advanced statistics. Topics include counting, joint and conditional distributions, random variables, and special distributions.
Cross-listed: MATH-3611(3).
Restrictions: Students may not hold credit for this course and MATH-3611.
Requisite Courses: STAT-1301 and STAT-1302 or the former STAT-1201 or both STAT-1501 and STAT-1601 or STAT-2001 and MATH-2106 or the former MATH-2101 [prerequisite(s)].

STAT-3612 (3) Mathematical Statistics II (3 hrs Lecture) This course studies the continuous probability distributions and their general properties, distributions of functions of random variables, sampling distributions, including t and F and introduction to estimation and theory of hypotheses testing.
Cross-listed: MATH-3612(3).
Restrictions: Students may not hold credit for this course and MATH-3612.
Requisite Courses: MATH-3611 or STAT-3611 [prerequisite(s)].

STAT-3701 (3) Epidemiology (3 hrs Lecture | 1.25 hrs Lab) This course provides a comprehensive introduction to the basic concepts, principles, and methods of studying disease occurrence in human populations. It covers the applications of epidemiology in public health practice and preventive medicine. Topics include: definitions, measures of disease frequency and effect, measures of risk, diagnostic and screening tests, epidemiological study designs, causality, interaction, bias, confounding, and internal and external validity. The class may be interspersed with special selected topics.
Requisite Courses: STAT-1302 or STAT-2001 or the former STAT-1201 or STAT-1601 [prerequisite(s)].

STAT-4102 (3) Survival and Reliability Analysis (3 hrs Lecture | Lab) Survival analysis deals with statistical methods for analyzing failure time data in biological organisms. Students are introduced to the estimation of survival functions using nonparametric and parametric methods. When the failure occurs in mechanical systems, the study is called Reliability Analysis in Engineering. Classical and Bayesian methods is introduced in order to estimate the reliability functions of some well known reliability models.
Requisite Courses: STAT-3611 or MATH-3611 (or the former STAT-3201 or the former STAT-2701) [prerequisite(s)].

STAT-4202 (3) Statistical Inference (3 hrs Lecture) This course expands on Mathematical Statistics II. Topics include the following: Theory of point and interval estimations; completeness and minimal sufficiency, Rao-Blackwell theorem; theory of tests and hypotheses; likelihood ratio tests; unbiased and invariant tests; sequential probability ratio tests; and Bayesian Inference.
Requisite Courses: STAT-3612 or MATH-3612 (or the former STAT-3202) [prerequisite(s)].

STAT-4401 (3) Probability Theory (3 hrs Lecture) This

course is a continuation of Mathematical Statistics I (STAT-3611 (formerly STAT-3201 or Applied Probability STAT-2701)) and is intended to give students a firm foundation in probability theory. Topics include random walks, characteristic functions and central limit theorem concepts of convergence, laws of large numbers, and martingales and stochastic differential equations.
Requisite Courses: STAT-3611 or MATH-3611 (formerly STAT-3201 or the former STAT-2701) or permission of the instructor [prerequisite(s)].

STAT-4501 (3) Spatial Statistics (3 hrs Lecture | 1.25 hrs Lab) This course considers the theory and application of statistical techniques for analysis of spatial (geographic) data. Topics include: characteristics of spatial data, types of maps and issues in mapping, spatial analysis of areal units (Moran's I statistic and extensions), point pattern analysis (centrography, measures of density, distance and dispersion), spatial statistics for fields (spacial interpolation, semivariogram and kriging) location quotient, Gini index and Lorenz curve. Use of R statistical software and some spreadsheet software is required. Examples are drawn from demography, developmental practice geography, epidemiology, environmental science, and biology.
Requisite Courses: STAT-1302 or STAT-2001 or GEOG-2309 or the former STAT-1201 or STAT-1601 [prerequisite(s)]; STAT-4501L (lab) (must be taken concurrently).

STAT-4601 (3) Statistical Design of Experiments (3 hrs Lecture) This course explores basic principles of statistical experimental design including randomization; replication; blocking; confounding; nested versus crossed factors; split-plot designs; fixed, random and mixed models; and the contrast between designed experiments and observational studies. It investigates factorial and fractional factorial designs with an emphasis on 2k factorial designs and 2k-p fractional factorial designs. Other potential topics include robust parameter design, 3k-p fractional factorial designs, balanced incomplete block designs, mixture experiments, and response surface methodology.
Requisite Courses: MATH-1201 and STAT-3104 [prerequisite(s)].

THEATRE AND FILM

THFM-1001 (6) Introduction to Theatre: Performance (3 hrs Lecture) This course provides an introduction to the basic concepts of theatre through lectures, readings, and practical work. It examines the components of a theatrical performance and the rehearsal process, and explores the areas of improvisation, mime, and role preparation through workshops and class presentations. Students will be evaluated on both written and performance assignments.
Restrictions: Students may not hold credit for this course and THFM-1002.

THFM-1002 (6) Introduction to Theatre: General (3 hrs Lecture) This course provides a general introduction to theatre study, including an overview of the components of a theatrical performance and the rehearsal process, a discussion of the problems of play interpretation in a production context, and an introduction to theatre criticism. During the course, six plays produced on Winnipeg stages in the current season will be discussed; students will be required to attend performances of these plays outside of class time.
Note: This course can be used towards the Humanities Requirement.
Restrictions: Students may not hold credit for this course and THFM-1001.

THFM-1010 (6) Introduction to Film (3 hrs Lecture | 3 hrs Lab) This course introduces the student to aspects of the art of film through lectures, screenings, and some practical involvement in the filmmaking process. A critical approach to film in Manitoba and across Canada is developed through readings, screenings, and guest lectures. A selection of international films is discussed, focusing on their social and aesthetic impacts. A series of practical labs gives students some first-hand experience of film production.
Note: This course can be used towards the Humanities Requirement.

THFM-1500 (3) Music Appreciation (3 hrs Lecture) Over a century before his famous novel *Les Misérables* inspired the celebrated Broadway musical, Victor Hugo recognized the unique, expressive nature of music. This course explores as many different musical genres as possible in order to achieve a broad understanding of how music reflects culture and society and crosses artistic boundaries to express, as Hugo aptly articulated, "that which cannot be said and on which it is impossible to be silent." The central objectives of this course are to encourage active listening skills and informed personal and communal responses to music through study of musical language, history, idioms, style, and trends.
Cross-listed: MUS-1500(3).
Restrictions: Students may not hold credit for this course and MUS-1500.

THFM-2001 (3) Theatre/Film Practicum I
(Apprenticeship/Internship/Practicum with variable meeting hours | 3 hrs Lab) In this course, students participate in a teaching production in the area of specialization they select.
Restrictions: Department Permission Required. Students may not hold credit for this course and THFM-3809.
Requisite Courses: THFM-2001 (lab) (must be taken concurrently).

THFM-2002 (3) Theatre Practicum II
(Apprenticeship/Internship/Practicum with variable meeting hours) In this course, students participate in a production either on a more advanced level in the area of specialization chosen in THFM-2001(3) or in another area of specialization.
Restrictions: Department Permission Required.
Requisite Courses: THFM-2001 and permission of the Department Chair [prerequisite(s)].

THFM-2003 (3 or 6) Topics in Theatre and Film
(Tutorial with variable meeting hours) Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate instructor. This course may be repeated for credit when the topic varies.
Note: This course may be repeated for credit if the topic varies.
Restrictions: Department Permission Required.

THFM-2011 (3) Ensemble Practicum (Choral)
(Apprenticeship/Internship/Practicum with variable meeting hours) Ensemble is a rehearsal and performance practicum designed to develop the art of ensemble instrumental performance. Students perform a broad range of literature in many public events throughout the year. This course may be repeated for credit once.
Note: Those without previous experience as an instrumentalist in an ensemble should contact the instructor.
Cross-listed: MUS-2011(3).
Restrictions: Students may not hold credit for this course and MUS-2011.

THFM-2101 (6) Acting Theory and Practice (3 hrs Lecture | 3 hrs Lab) This course is a theoretical and practical study of the principles of actor psychology, role analysis, and stage techniques. It is devoted to major theorists and teachers of the art of acting in relation to the principal styles and aesthetics that currently constitute our theatrical heritage. Lectures, discussions, and student presentations are accompanied by workshop exercises and scene studies. Students are required to meet with scene partners for rehearsals outside of scheduled class times.
Requisite Courses: THFM-1001 or THFM-1002 [prerequisite(s)]; THFM-2101L (Lab) (must be taken concurrently).

THFM-2103 (4.5) Embodiment for the Actor (4.5 hrs Lecture/Lab Combined | 3 hrs Lab) The ability to fully embody theatrical expression is fundamental in all aspects of the acting process. This course is designed for students who intend to pursue Acting studies beyond an introductory level or students in other disciplines who wish to develop a more experiential understanding and awareness of embodiment. Through in-studio practice,

lectures, and group exercises, participants develop a solid awareness of physical, emotional, imaginative, and intellectual processes within the body and how they can be placed in a service of full, meaningful, creative expression. Recommended for students who have completed or are currently enrolled in THFM-1001, THFM-2101, or THFM-2505.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

THFM-2201 (3) Principles of Design (3 hrs Lecture | 3 hrs Lab) This course is an introduction to the principles and practice of theatrical design in sets and costumes. Drawing skills are not required but students will learn ways to communicate visual information.
Note: This course can be used towards the Humanities Requirement.
Requisite Courses: THFM-2201L (lab) (must be taken concurrently).

THFM-2310 (6) Filmmaking I: Screen Narrative Technique (3 hrs Lecture | 3 hrs Lab) This is a practical introduction to storytelling on screen from the director's perspective. In film or video the sequence structure of various shots and angles forms the basic grammar of screen narrative. This course focuses on the analysis and creation of these visual sequences. Techniques such as storyboarding, camera placement, movement, coverage, transitions, and editing are explored using the medium of video in both a field and studio environment.
Requisite Courses: THFM-1010 [prerequisite(s)]; THFM-2310L (lab) (must be taken concurrently); THFM-1001 (recommended to be taken previously or at the same time as this course).

THFM-2311 (6) Film Comedy (3 hrs Lecture) This course looks at film comedy from the earliest silent film comedies of Edison and Méliès to the contemporary comedies of Kevin Smith and Woody Allen. It focuses on cinematic techniques used to achieve a comic action or comic perspective. Students explore the cinematic tools of comedy filmmakers in historical perspective. They also do some practical filmmaking work.
Requisite Courses: THFM-1010 [prerequisite(s)].

THFM-2312 (6) Documentary Filmmaking (Lecture with variable meeting hours | 3 hrs Lab) In this course emerging filmmakers are introduced to documentary filmmaking tools and techniques. Beginning with screenings and lectures, then moving to hands-on experience, students explore and experience non-fiction storytelling through an examination of contemporary filmmaking practices and the opportunity to conceive, develop and produce their own short, non-fiction films.
Note: Students who have taken the Special Studies version of this course (THFM 3002-604 offered only in Winter, 2008) may not take this course.
Requisite Courses: THFM-1010 [prerequisite(s)]; THFM-2312L (lab) (must be taken concurrently).

THFM-2401 (3) Theatre History I: Æschylus to Shakespeare (3 hrs Lecture) This course consists of a study of the historical development of theatrical art from the ancient Greeks to the closing of the London theatres in 1642. All aspects of theatrical performance, including plays, acting, costumes, scenery, theatre architecture, and the relationship between theatres and society will be discussed.
Note: This course can be used towards the Humanities Requirement.
Cross-listed: HIST-2190(3).
Restrictions: Students may not hold credit for this course and HIST-2190.

THFM-2402 (3) Theatre History II: Molière to Irving (3 hrs Lecture) This course covers developments in European and North American theatre from the seventeenth century to the end of the nineteenth century. Several Asian theatre forms are also discussed.
Note: This course can be used towards the Humanities Requirement.

THFM-2405 (3) Staging Greek and Roman Drama (3 hrs Lecture) This course focuses on the staging of Greek and Roman tragedy and comedy. Examination of the surviving texts of selected plays, the remains of ancient theatres, contemporary accounts of dramatic performance, and relevant artwork leads to a recreation of an ancient theatrical experience with information on stage configuration, scenery, masks, costumes, properties, gestures, dance, song, mechanical devices, and stage convention. In addition to their written work, students are expected to participate in demonstrations and performances in class.
Note: This course can be used towards the Humanities Requirement.
Cross-listed: CLAS-2405(3).
Restrictions: Students may not hold credit for this course and CLAS-2405.

THFM-2406 (6) The History of Fashion and Dress (3 hrs Lecture) This course introduces the history of fashion. Students learn what dress is as well as how and why it is studied. The dress from ancient times to the 21st century is then discussed, with an emphasis on western Europe. The links between fashion, social history, and material culture are examined. The course is intended as background for students of theatrical design, but may be taken as an elective by anyone interested in the field.
Note: This course can be used towards the Humanities Requirement.
Cross-listed: HIST-2192(6).
Restrictions: Students may not hold credit for this course and HIST-2192.

THFM-2410 (6) History of Film (3 hrs Lecture) This course surveys the history of narrative film from its earliest beginnings to the present day. Students gain an understanding of the evolving techniques and technical advancements in the art form and the corresponding aesthetic achievements of film artists. The course focuses on the major film movements and filmmakers from Europe, North America, and Asia.
Note: This course can be used towards the Humanities

Requirement.
Cross-listed: HIST-2191(6).
Restrictions: Students may not hold credit for this course and HIST-2191.

THFM-2501 (6) Mime and Improvisation (3 hrs Lecture) This course consists of a study of the theory and practice of theatrical mime and theatrical improvisation. Attention is paid to both the developmental and performance aspects of mime and improvisational activity.
Requisite Courses: THFM-1001 or THFM-1002 [prerequisite(s)].

THFM-2502 (6) Voice and Speech Skills for Presentation and Performance (3 hrs Lecture) This course is a study of the theory and practice of voice production, projection, speech improvement, and oral communication techniques as they apply to work in the theatre, in the classroom, and in a variety of other contexts in life where good communication skills are valued. Public speaking, developed speeches, interpretive reading, storytelling, and work with various texts are some of the experiences offered by this course. Caring for the voice and having a clear understanding of how the voice works are also covered.

THFM-2505 (3) Principles of Physical Training for the Actor (3 hrs Lecture) This course is designed to introduce actors to the core objectives and fundamental principles regarding the physical training of the actor. Through ongoing in-studio practice, lectures, and group presentations, students learn about the basic anatomy of the body, principles of efficiency in movement, training methodologies, injury prevention, and the long-term requirements of performance. Participants in this course gain a full overview of body mechanics and a solid foundation in movement principles that will directly apply to further movement studies and acting in general.
Note: This course is graded on a pass/fail basis.

THFM-2510 (3) Introduction to Producing for Film (3 hrs Lecture) This course is intended for students who are interested in understanding the business aspects of creating, producing and disseminating a film or television project in Canada. It takes students through several stages of an independent film production including concept development, financing, production, post-production and distribution. Specific attention is paid to research and marketing, finance and funding, legal and insurance issues, and to getting your work seen by the right people, as well as business affairs and etiquette. The course consists of lectures and workshops with faculty and guest professionals. No previous knowledge of business or finance necessary.

THFM-2601 (3) Costuming (3 hrs Lecture | 3 hrs Lab) This course is a survey of costuming crafts and of the skills necessary to construct a theatrical garment. Skills and theoretical knowledge are developed in a laboratory situation with attention focused on the principles and elements of design interpretation.
Note: Students entering this course must be able to operate a domestic sewing machine and make clothes from a pattern.

THFM-2602 (3) Lighting (3 hrs Lecture | 3 hrs Lab) This course is a survey of the field of illumination, instrumentation, and control systems. Students study both lighting techniques and the principles of design interpretation. Skills and theory are developed and practised in a laboratory situation.
Note: It is recommended that students taking this course have prior theatre experience or a first-year theatre or film course as a co-requisite.
Restrictions: Students may not hold credit for this course and THFM-2605.

THFM-2603 (3) Make-Up: Theory and Practice (3 hrs Lecture | 3 hrs Lab) This course teaches the theory and technique of make-up as used in theatre and film. Course content extends beyond standard two-dimensional techniques. This course is suitable for actors, designers, and artisans who are pursuing a career in the performing arts.

THFM-2604 (2) Introduction to Stage Lighting for Dance (3 hrs Lecture) This course is intended specifically for students enrolled in the Dance Program with the objective of providing them with a basic introduction to stage lighting for dance. The format is an intensive two-week series of classes and workshops. Topics include basic electrical principles and safety procedures, major types of lighting instruments and their functions, and lighting control theory. Students have an opportunity to put theory into practice with a series of labs emphasizing lighting for dance.
Note: This course is restricted to students who have been accepted into The University of Winnipeg/School of Contemporary Dancers Dance Program and is offered on a pass/fail basis.

THFM-2605 (2) Lighting for Dance Practicum (3 hrs Lecture) In this course, material taught in THFM-2604(2) Introduction to Stage Lighting for Dance is applied to exercises culminating in a public presentation. Students go through the entire process of creating and executing lighting designs for an actual performance of a new work. This involves conferences with the choreographer(s), a series of proposals, and final design and execution. Additional conferences are arranged as needed.
Note: This course is restricted to students who have been accepted into the University of Winnipeg/School of Contemporary Dancers Dance Program and is offered on a pass/fail basis.
Restrictions: Students may not hold credit for this course and THFM-2602.
Requisite Courses: THFM-2604 (must be taken previously or at the same time as this course).

THFM-2606 (2) Self Producing for Dance (3 hrs Lecture) Through a series of lectures and demonstrations, this course introduces students in the Dance Program to a range of knowledge and skills required to self-produce dance programs. Topics include grant application, co-op contracts, space assessment and rental, promotion, insurance and liability, etc.

Note: This course is restricted to students who have been accepted into The University of Winnipeg/School of Contemporary Dancers Dance Program and is offered on a pass/fail basis.

THFM-2610 (3) Script and Screen (3 hrs Lecture) This course focuses on the study of a number of significant American screenplays, such as *Casablanca*, *Chinatown*, and *Pulp Fiction*. They are discussed as examples of the craft of screenwriting and as illustrations of the screenwriter's contribution to the filmmaking process. Particular attention is given to how the screenwriter controls the flow of dramatic and visual information in order to structure particular film experiences. The relationship between script and film is examined through analysis of the films made from the screenplays studied. While the course is particularly aimed at those interested in screenwriting, it will be valuable for anyone who wants to understand the most popular storytelling medium of our time.
Note: This course can be used towards the Humanities Requirement.

THFM-2611 (3) Introduction to Screenwriting (3 hrs Seminar/Discussion) This course introduces students to the basics of screenwriting. It includes a study of the language of film, narrative principles, formatting script analysis, and adaptation. The role of the screenwriter in the filmmaking industry is also examined.
Note: Creative Writing students (ENGL) may take this course with the permission of the Department of Theatre and Film's Chair. This course can be used towards the Humanities Requirement.
Requisite Courses: THFM-1010 [prerequisite(s)].

THFM-2612 (3) Script and the Small Screen: TV Drama (3 hrs Lecture) Television drama exerts an undeniable impact on our culture. This may be partly due to complexities that underlie its ostensible simplicity. This course focuses on the narrative strategies that teleplay writers in drama series have employed to maintain viewer interest despite frequent interruptions and breaks from episode to episode or season to season. The course examines recent drama series. While it is particularly aimed at those interested in screenwriting, it is valuable to anyone who wants to understand how series television narrative works.
Note: This course can be used towards the Humanities Requirement.

THFM-2701 (6) Playwriting I (3 hrs Seminar/Discussion) This course introduces students to creation strategies such as idea-outline-draft, imaginary improvisation, and RSVP cycles. In this course the play will be seen as a kind of score for directors, designers, and especially for actors. Creation of the dramatic moment, the dramatic scene, characters revealed through action, and finally a one-act play in which a protagonist seeks to accomplish an objective, form the central concerns of the course. Students are expected to complete a one-act play to at least a second draft.
Note: This course can be used towards the Humanities Requirement.
Requisite Courses: THFM-1001 or THFM-1002 or 6 credit hours in ENGLISH Creative Writing (ENGL-1005, ENGL-2002, ENGL-2101, ENGL-3101, ENGL-3102, ENGL-3113, ENGL-3114, ENGL-3115, ENGL-3116) or THFM-3611, or permission of the instructor [prerequisite(s)].

THFM-2703 (3) Play Analysis (3 hrs Lecture) This is a course in the analysis of plays in rehearsal and pre-rehearsal situations for anyone involved in practical theatre production. A variety of interpretive strategies are developed in approaching the problems of form, character, and theme in plays of different styles and periods. The emphasis is on Stanislavsky-derived techniques.
Note: This course is required for all Theatre students in the Honours or the General program. This course can be used towards the Humanities Requirement.
Cross-listed: ENGL-2703(3).
Restrictions: Students may not hold credit for this course and ENGL-2703.
Requisite Courses: THFM-1001 or THFM-1002 or 6 credit hours in first-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

THFM-2801 (6) Theatrical Production I (3 hrs Lecture | 3 hrs Lab) This course is designed to give students a survey of the technical aspects of theatrical and media production, concentrating on facilities, scenery construction, lighting, and an introduction to sound. Emphasis is on basic concepts and hands-on application through practical lab work on departmental productions.
Note: It is recommended that students without prior theatre experience take a 1000-level course from the Department of Theatre and Film concurrently with this course.
Restrictions: Students may not hold credit for this course and THFM-2803.
Requisite Courses: THFM-1001 or THFM-1002 (recommended to be taken previously or at the same time as this course); THFM-2801L (Lab) (must be taken concurrently).

THFM-2802 (3) The Business of Theatre (3 hrs Lecture) This course introduces students to the business side of a career in the theatre. For students in ALL disciplines of the theatre industry, this course offers a basic vocabulary for career and project management. Topics covered include: seeking employment, unions, taxes for freelance arts workers, and writing applications for grants and festivals. In addition, the basics of producing and touring, including budgets, communications and scheduling are examined. The course consists of lectures and workshops with faculty and guest professionals. No previous knowledge of business or finance is necessary.

THFM-2803 (3) An Introduction to Lighting and Sound in Production (3 hrs Lecture | 3 hrs Lab) This course is designed to give the student an introduction to the technical aspects of theatrical and media production, concentrating on lighting and an introduction to sound. Emphasis is placed on basic concepts in the safe use of facilities and equipment and practical application through hands-on lab work in a departmental production.
Restrictions: Students may not hold credit for this course and THFM-2801.

Requisite Courses: THFM-1001 or THFM-1002 (recommended to be taken previously or at the same time as this course); THFM-2803L (Lab) (must be taken concurrently).

THFM-2804 (3) Introduction to Arts and Cultural Management (3 hrs Lecture) This course is intended for students who have an interest in pursuing a career in some aspect of the arts and would like to acquire a greater understanding of the operational aspects of the business. The course begins with a general introduction to the formation of an arts-centred organization. Class discussions include topics such as: the role of a board of directors; establishing a mandate and objectives; forming a business structure; staffing that structure; ongoing management control systems; and funding alternatives and methods, including applications for public funding.

THFM-2920 (3) Introduction to Dance for Musical Theatre (3 hrs Lecture) This course introduces the student to the basics of dance, with attention to a variety of styles used in contemporary musical theatre. The course is designed for students without previous training in dance who wish to take THFM-3920(6) Musical Theatre.
Note: This course may not be taken by students who have taken any courses in the Dance Program (DANC).
Requisite Courses: THFM-1001 or THFM-1002 or permission of Department Chair [prerequisite(s)].

THFM-2922 (3) Introduction to Music and Singing (3 hrs Lecture) This course builds on the rudiments of music and the fundamental techniques of solo and choral singing, and song interpretation for application to Musical Theatre.
Note: The course is designed for students with some basic musical knowledge (for example, high school or church choral or band experience) who are planning to take THFM-3920(6) Musical Theatre. It may be taken by general interest students with the permission of the Chair of the Department of Theatre and Film.
Requisite Courses: THFM-1001 or THFM-1002 or permission of Department Chair [prerequisite(s)].

THFM-3001 (6) Special Studies in Theatre/Film (3 hrs Tutorial) Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate instructor.
Restrictions: Department Permission Required.

THFM-3002 (3) Special Studies in Theatre/Film (3 hrs Tutorial) Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate instructor.
Restrictions: Department Permission Required.

THFM-3101 (6) Acting III: General (3 hrs Lecture | 3 hrs Lab) This course applies the major theories on the art of acting to problems of style in a workshop setting. It also introduces approaches to understanding and meeting the demands of a script.
Requisite Courses: THFM-2101 [prerequisite(s)]; THFM-3101L (lab) (must be taken concurrently).

THFM-3103 (6) Movement for Actors (3 hrs Lecture) This course introduces students to modern movement techniques, including the principles of Rudolph Laban. Its aim is to increase body awareness and promote mind/body connectedness.
Requisite Courses: THFM-2101 or permission of the Department Chair [prerequisite(s)].

THFM-3105 (6) Advanced Movement I (3 hrs Lecture | 3 hrs Lab) This course is designed to provide focused and consistent physical training and to lay a movement foundation for students who have chosen to pursue the Acting concentration in the Theatre Honours Program. Classes develop the individual's awareness, skill, and confidence in the use of movement as it pertains to the acting process. Topics include range and efficiency of movement, integration of voice and gesture, spatial awareness, rhythm, playing action, style, and working in the ensemble.
Requisite Courses: THFM-3105L (lab) (must be taken concurrently); THFM-4131 (must be taken concurrently).

THFM-3106 (6) Advanced Movement II (3 hrs Lecture | 3 hrs Lab) To prepare students for work in the professional field or in post-graduate studies, this course provides those in the final stages of the Honours Acting Degree with more specific challenges. Classes continue to develop the individual's movement potential but place greater emphasis on movement as it pertains to the staging of theatre. Areas of study include expanding range of motion and expression, advanced work in ensemble, character studies, blocking, and external character traits and style.
Requisite Courses: THFM-3106L (lab) (must be taken concurrently); THFM-4134 or THFM-4141 or THFM-4145 (must be taken concurrently).

THFM-3110 (6) Screen Acting (3 hrs Lecture | 3 hrs Lab) Film acting as an art may be approached as a refined version of stage acting but film, unlike the stage, is an intimate medium where the slightest change of mood, emotion, or psychological action is felt and magnified. Using video to record and examine students' work, the course covers the basic principles of the art of acting as they apply to the specific requirements of film: script analysis, role preparation, rehearsal, and blocking. In addition, students are introduced to the vocabulary, protocol, and culture of the film environment. Employment-related topics such as resumes, auditioning, and cold reading are also covered.
Requisite Courses: THFM-2101 OR permission of the instructor [prerequisite(s)]; THFM-3110L (lab) (must be taken concurrently).

THFM-3201 (6) Styles in Design (3 hrs Lecture | 3 hrs Lab) This course takes students beyond the fundamentals of design and explores advanced theories of colour, perspective, and drawing. Special attention is given to the styles of design in contemporary theatre and the historical background which produced them. Lab work will develop skills in drafting, drawing, and the techniques of painting.
Requisite Courses: THFM-2201 [prerequisite(s)]; THFM-3201L (lab) (must be taken concurrently).

THFM-3202 (3) Drafting and Drawing (3 hrs Lecture) This is a course for students who wish to improve their skills in graphic presentation. It emphasizes drafting and drawing as important communications media for either designer or technician.

THFM-3310 (6) Filmmaking II: Directing the Short Film (3 hrs Lecture | 3 hrs Lab) This course focuses on the creation of more complex visual narratives than those discussed in Filmmaking I. Emphasis is placed on scene blocking and sequence building within an extended narrative, with special emphasis on directing actors for the camera. Working with film and video, the course looks at the importance of lighting, sound, and music in visual storytelling, including interior and exterior lighting and exposure and the dynamics of location shooting.
Requisite Courses: THFM-2310 and permission of the Department Chair [prerequisite(s)]; THFM-3310L (lab) (must be taken concurrently).

THFM-3312 (6) Sound Editing for Film (3 hrs Lecture | 3 hrs Lab) This is primarily a practical course on sound editing, with some emphasis on sound theory and the history of sound in film. Students learn the process and technique of sound editing for film, from building sound tracks to working with dynamics processors. Using Pro-Tools software students learn how to input sounds, edit dialogue tracks, build effects tracks, process sounds using EQ plug-ins, and mix tracks.
Restrictions: Students may not hold credit for this course and THFM-3311.
Requisite Courses: THFM-2310 [prerequisite(s)]; THFM-3312L (lab) (must be taken concurrently).

THFM-3313 (6) Advanced Picture Editing (3 hrs Lecture | 3 hrs Lab) This is an advanced editing course focusing on both continuity-style editing and non-narrative editing techniques. The course examines standard narrative editing technique from assembly through the various rough-cut stages to a fine cut. Using digital non-linear editing systems, students learn the importance of pacing and rhythm within a scene and sequence, how to cut for dramatic effect, how to cut around continuity problems, and techniques for "invisible" cutting. The course also looks at montage editing, from the theories of Eisenstein and montage editing in dramatic features to the application of montage in music videos and movie trailers.
Restrictions: Students may not hold credit for this course and THFM-3311.
Requisite Courses: THFM-2310 [prerequisite(s)]; THFM-3313L (lab) (must be taken concurrently).

THFM-3401 (3) Theatre History III: Ibsen to the Present (3 hrs Lecture) This course is a continuation of Theatre History II, but may be taken without prerequisite. It covers developments in world theatre from the late nineteenth century to the present.
Note: This course can be used towards the Humanities Requirement.
Cross-listed: HIST-3190(3).
Restrictions: Students may not hold credit for this course and HIST-3190.

THFM-3402 (3) Canadian Drama and Theatre (3 hrs Lecture) This course examines a range of Canadian dramatic works with an emphasis on plays of the last thirty years. The bulk of the course is devoted to the study of recent plays by Canadian playwrights such as Michel Tremblay, David French, George Ryga, James Reaney, and Sharon Pollock. French-language plays are studied in translation.
Note: This course can be used towards the Humanities Requirement.

THFM-3502 (6) Drama in Education (3 hrs Lecture) This is a survey of the major approaches to the use of dramatic and theatrical techniques in the field of education. Students study the ideas of leading practitioners of educational drama and work to develop the skills necessary for the teaching of drama in school settings, and for the use of drama techniques in teaching other subjects. Particular attention is given to how the principles and philosophies of Drama in Education guide best practice in a classroom environment.
Note: This course can be used towards the Humanities Requirement.

THFM-3503 (3) Stage Combat for Actors (3 hrs Lecture) This course is designed to introduce performers to basic stage physicality and the techniques of being both victim and perpetrator of illusory violence. The focus of the course is on the day-to-day skills required by all professional actors, regardless of age or gender, to cope safely with slaps, falls, kicks, rolls, and an assortment of other physical challenges that are routinely met in modern theatre and film. All skills are learned in a dramatic context and are designed to enhance the actor's overall physicality and body awareness on stage.
Note: This course is graded on a pass/fail basis.
Requisite Courses: THFM-1001 or THFM-1002 [prerequisite(s)].

THFM-3611 (6) Advanced Screenwriting (3 hrs Seminar/Discussion) This advanced screenwriting course concentrates on writing longer dramatic narratives. The course takes the form of a workshop where students develop half-hour and feature-length dramatic scripts from premise and synopsis through step-outline and treatment to final draft. The course focuses on creative processes, story elements and structure, story and scene design, and story analysis. Students gain a working understanding of plot development, character development, techniques for writing dialogue, and advanced script format and style. The course also considers the role of screenwriters in Canadian filmmaking.
Requisite Courses: THFM-2611 with a minimum grade of B [prerequisite(s)].

THFM-3701 (6) Playwriting II: General (3 hrs Seminar/Discussion) This course builds on the skills students acquired in THFM-2701(6) Playwriting I by applying them to the particular tasks of writing a full-length play (i.e. over 90 minutes). The development of plot complications in order to sustain the protagonist's action, sub-plot(s), scene structure, and the arrangement of incidents are central concerns in this course. Students are

expected to complete a first draft of a full-length play during the course.
Note: This course can be used towards the Humanities Requirement.
Requisite Courses: THFM-2701 or permission of the Instructor [prerequisite(s)].

THFM-3801 (6) Theatrical Production II (3 hrs Lecture | 3 hrs Lab) The areas covered in this course are applicable to film and studio environments as well as the stage and are designed to build upon the training started in THFM-2801(6) Theatrical Production I while introducing work in other areas such as properties, painting, and wardrobe. Practical experience becomes a major component of the course and will involve increased emphasis on the basics of production organization, backstage conduct, and crew maintenance. Through hands-on experience during public exercises, students are ultimately responsible for a variety of performance aspects and are given an opportunity to experiment with crew supervision, computer lighting control and/or digital sound editing, and post-production techniques.
Note: Variable labs total not less than 120 hours over the year.
Requisite Courses: THFM-2801 and permission of the instructor [prerequisite(s)].

THFM-3802 (3) Stage Management (3 hrs Lecture | 3 hrs Lab) This course gives students a basic introduction to the central role of stage management in the theatre. Intended for general Arts students wishing to get a realistic glimpse of the theatrical experience, this course uses lectures and simulations to reveal the process of mounting a show from the first rehearsal to the final curtain. In addition, labs will provide an introduction to computer applications and the preparation of organizational tools current in the profession.
Note: Those wishing more intensive and practical experience are referred to THFM-4802(3) Honours Stage Management - Theory AND THFM-4803(3) Honours Stage Management - Practice.
Restrictions: Students may not hold credit for this course and THFM-4802 | THFM-4832.
Requisite Courses: THFM-3802L (lab) (must be taken concurrently).

THFM-3803 (3) Properties for the Stage (3 hrs Lecture) The object of this course is to provide students with an introduction to prop making and acquisition. Emphasis will be placed on practical skills development, research, practice, and the review of special materials and handling procedures for them.
Requisite Courses: THFM-2801 [prerequisite(s)].

THFM-3804 (3) Scenic Painting (3 hrs Lecture) The object of this course is to provide students with an introduction to scenic painting. The proper use of paints and pigments will form a basis from which a study of the major professional painting techniques will be undertaken.
Requisite Courses: THFM-2801 or THFM-2201 [prerequisite(s)].

THFM-3807 (3) Theatrical Production Operations and Management (3 hrs Lecture) The objective of the course is to continue the training in technical production for theatre begun in THFM-2801(6) Production I with the introduction of management concepts. It may be taken alone or may be used as a complementary course to THFM-3801(6) Production II in order to optimally balance the theoretical and practical between the two. Students begin to examine the roles of the Technical Manager as they relate to performing arts production. Emphasis is placed on organizational skills such as scheduling, materials acquisition, and personnel and facilities management.
Requisite Courses: THFM-2801 or THFM-2803 [prerequisite(s)].

THFM-3808 (3) Stagecraft Practicum (6 hrs Apprenticeship/Internship/Practicum) This course is a practicum in stagecraft which encompasses the management and construction of all scenery for one of the departmental public exercises. The students in this course are involved in planning, ordering materials, shop setup, construction, installation, and removal of a complete set. The course consists of both lectures and labs, which occur concurrently in each class, as necessary.
Requisite Courses: THFM-2801 [prerequisite(s)].

THFM-3809 (3) Stagecraft Techniques (3 hrs Lecture) This course is the continuation of the stagecraft portion of THFM-2801(6) with greater emphasis on the development of the skills required in the construction of stage scenery. Topics covered include more advanced consideration of techniques and principles of construction for two- and three-dimensional scenery. Emphasis is on layout and preparation for construction problems applicable to the entertainment industry. Considerations of safety in the handling of equipment and materials are included throughout along with the use of the *Workplace Hazardous Materials Information System* as it applies to theatrical scene shops.
Restrictions: Instructor Permission Required. Students may not hold credit for this course and THFM-2001 | THFM-4809.
Requisite Courses: THFM-2801 and permission from the instructor [prerequisite(s)].

THFM-3920 (6) Musical Theatre (3 hrs Lecture | 3 hrs Lab) This course introduces the acting student to the special performance demands of musical theatre. It is designed to expand the student's acting skills by focusing on the particular challenges presented by a variety of musical theatre styles. Students also receive training in dance and singing, with the emphasis on learning to integrate these elements into the dramatic context.
Note: Students are expected to have previous training in dance and singing, at least to the level achieved in THFM-2920(3) Introductory Dance for Musical Theatre and THFM-2922(3) Introduction to Music and Singing; students who already have backgrounds in either of these areas may apply to the Chair to be exempted from taking one or both of these courses.
Requisite Courses: THFM-2101, THFM-2920, and THFM-2922 [prerequisite(s)]; THFM-3920L (lab) (must be taken concurrently).

THFM-4041 (6) Special Studies in Theatre/Film (3 hrs Directed Reading | 3 hrs Lab) Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate Instructor.
Note: Permission of the Department Chair is required.
Restrictions: Department Permission Required.

THFM-4042 (1 or 3) Special Studies in Theatre/Film (3 hrs Directed Reading) Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate Instructor.
Restrictions: Department Permission Required.

THFM-4131 (8) Acting III: Honours (0 hrs Lecture) This is an advanced course which offers a study of acting style and technique as they relate to the interpretation of plays within the modern period and within certain well-defined genres. In addition to regular classes and labs, students participate in the rehearsal and performance of one full-length production presented as a public exercise and lab sessions designed to prepare them for the associated challenges of this production.
Note: Registration in this course is by audition only. Auditions are held annually at the end of April; see the department's Student Advisor in Room 3T03 or call 204-786-9955 for details.
Restrictions: Honours Form Required.
Requisite Courses: THFM-2101 and permission of the instructor [prerequisite(s)]; THFM-3105, THFM-4137 (must be taken concurrently).

THFM-4133 (6) Devised Theatre (3 hrs Lecture | 3 hrs Lab) This course explores several models for the generation and development of original material for performance. Students are expected to engage in various methods of individual and collaborative play-making research and to explore various processes and forms in the construction of original performance work. Students are responsible for producing substantial amounts of theoretical and practical research outside of scheduled class times. The course culminates in the construction of public performance pieces and additional rehearsals will be scheduled outside of class time.
Restrictions: Honours Form Required.
Requisite Courses: THFM-2101 and permission of the instructor [prerequisite(s)]; THFM-4133L (lab) (must be taken concurrently).

THFM-4134 (6) Interpreting Shakespeare (3 hrs Lecture) This course is for performance students who seek an understanding of the problems of text analysis, stylistic control, and verse speaking involved in classical interpretation. Emphasis will be placed on intellectual understanding of the text and on the practical skills necessary to translate that understanding into an effective performance. Grading in the course is based on both written and practical assignments, and may include a public exercise.
Restrictions: Honours Form Required.
Requisite Courses: THFM-2101 [prerequisite(s)].

THFM-4135 (3) Acting for the Media (3 hrs Lecture) This course is designed to give the student a basic practical and theoretical understanding of the demands of acting for the camera. It focuses on specific knowledge, skills, and techniques with special attention to adaptation from stage to media work. Classes consist of lectures and discussions on the art and craft of film acting interpreted with practical exercises designed to address and overcome the problems inherent in the art. Students are expected to research and present special topics of relevance, prepare and perform a major role in a scene, prepare and perform minor acting roles as needed, and participate in technical activities in support of classmates' work.
Restrictions: Honours Form Required.
Requisite Courses: THFM-2101 [prerequisite(s)].

THFM-4136 (3) Advanced Media Acting (3 hrs Lecture) This course continues the work of THFM-4135(3) Acting for the Media. Through ensemble work on 5-10 minute video productions, acting students further develop their knowledge and skill in all aspects of the media process: acting, directing, editing, camera, sound, and lighting. These projects are supplemented with lectures, readings, workshop exercises, and discussions. Students must be prepared to work some evenings and/or weekends outside of scheduled class time in order to accommodate shooting and editing.
Restrictions: Honours Form Required.
Requisite Courses: THFM-4135 or permission of the instructor [prerequisite(s)].

THFM-4137 (4) Advanced Voice I (3 hrs Lecture) This course covers the anatomy and physiology of the voice, which informs a progressive curriculum of embodied vocal skills including breath responsiveness, ease of phonation (vibration), forward placement of tone, resonance, range, freedom of articulation, and awareness of speech action. Other areas covered include vocal health/hygiene, application of voice work connected to thought and action through various texts, and performance support and coaching. Students explore their vocal habits and build a repertoire of vocal technique in studio classes, and gain experience in applying new skills to their acting work in performance.
Restrictions: Honours Form Required.
Requisite Courses: THFM-4131 (must be taken concurrently).

THFM-4138 (4) Advanced Voice II (3 hrs Lecture) Building upon Advanced Voice I, this course reinforces a progressive curriculum of experiential learning. Application of voice work connected to thought and action through various texts and performance support continue as students deepen embodied skills. An exploration of "heightened texts" forms the basis of text work throughout this year, with an emphasis on Shakespeare and other classics. Proficiency in speech action is developed by learning the International Phonetic Alphabet (IPA) through a progressive series of exercises in Knight-Thompson Speechwork. Students can expect to enhance their understanding and execution of articulatory-speech action and how this work applies to performance.
Restrictions: Honours Form Required.
Requisite Courses: THFM-4134, THFM-4141, or

THFM-4145 (must be taken concurrently).

THFM-4141 (8) Acting IV: Honours - Style and Genre (3 hrs Lecture) This course focuses on the development of students' acting skills and techniques in a performance context, involving particular historical styles and/or theatrical genres. The course emphasizes vocal styling, period movement, and physical characterization, as well as ensemble techniques. Students participate in the rehearsal and performance of two full-length productions presented as public exercises, and lab sessions designed to prepare them for the challenges of each.
Restrictions: Honours Form Required. Students may not hold credit for this course and THFM-4145.
Requisite Courses: THFM-4131 [prerequisite(s)]; THFM-3106, THFM-4138 (must be taken concurrently).

THFM-4145 (6) Acting IV: Honours - Contemporary Performance (3 hrs Lecture) This is a 6 credit-hour course designed for students who have completed Acting III: Honours; students who have completed Acting III: General may take it with permission of the Department Chair. This course undertakes the further development of the student's acting skill and ensemble technique with particular emphasis on achieving authenticity of dramatic action and sustaining character in the performance of a full-length contemporary play.
Restrictions: Honours Form Required. Students may not hold credit for this course and THFM-4141.
Requisite Courses: THFM-4131 [prerequisite(s)]; THFM-3106 (must be taken concurrently).

THFM-4203 (6) Contemporary Stage Design (3 hrs Lecture | 3 hrs Lab) This advanced course in design (sets and costumes) continues the development of design skills on both theoretical and practical projects. Students study in the capacity of design assistants or designers on Department-sponsored or approved productions. Papers of design analysis along with renderings, models, and post-production self-criticism are integral to the course.
Restrictions: Honours Form Required.
Requisite Courses: THFM-3201 and THFM-3202 [prerequisite(s)].

THFM-4331 (6) Directing I (3 hrs Lecture | 3 hrs Lab) This course explores the director's process in the dramatic theatre, including such matters as play selection, the audition, coaching actors, and finding "the theatrical metaphor." In the lab sessions students present scenes and receive criticism of their work. The final project for the course includes the direction of a one-act play. The student will also write papers of intent and papers of self-criticism in connection with each directing assignment.
Restrictions: Honours Form Required.
Requisite Courses: THFM-1001, and THFM-2703 or ENGL-2703, and at least 3 additional credit hours above the 1000 level in Theatre and Film or permission of the instructor [prerequisite(s)].

THFM-4441 (3) Theatre Aesthetics (3 hrs Seminar/Discussion) This course consists of an examination of some fundamental questions about the nature of Theatre and Film. Seminar discussions will be supplemented with the reading of key texts in dramatic theory and criticism.
Note: This course can be used towards the Humanities Requirement. Permission of the instructor is required in the case of General course students applying to enrol in this Honours course.
Requisite Courses: THFM-2401 or HIST-2190 or THFM-2402 or THFM-2405 or CLAS-2405 or THFM-2703 or ENGL-2703 or THFM-3401 or HIST-3190 or THFM-3402 or ENGL-2311 or ENGL-3401 or FREN-4748 [prerequisite(s)].

THFM-4442 (3) Advanced Theory of Acting (3 hrs Seminar/Discussion) This course deals with major issues in the theory of acting and other modes of theatrical performance, with attention to Stanislavsky, Meyerhold, Artaud, and Grotowski, as well as to more recent attempts to understand the nature of acting, the principles underlying actor training, both physical and psychological, and the aesthetics of acting and other performance modes. Some attention will be given to recent cross-cultural and cross-disciplinary studies of performance.
Restrictions: Honours Form Required.
Requisite Courses: THFM-1001 or THFM-1002 [prerequisite(s)].

THFM-4532 (6) Swordplay: Stage and Screen (3 hrs Lecture) This course is an introduction to the basic principles of swordplay for stage and screen. Using the stage combat rapier, the course teaches systems for safety, principles of illusion, and style/period considerations as they relate to staged swordplay. The course is considered a performance course and all stage combat skills are evaluated in the context of a dramatic scene.
Restrictions: Honours Form Required.
Requisite Courses: THFM-3503 or permission of the instructor [prerequisite(s)].

THFM-4802 (3) Honours Stage Management - Theory (3 hrs Lecture) This course is designed to give students comprehensive, theoretical understanding of stage management. Students learn about basic management practices as they relate to the profession. Lectures provide students with an overview of stage management and the fundamental skills it demands. Labs are both instructional and practical in nature and encompass the use of computers. When paired with THFM-4803 Honours Stage Management - Practice, students develop comprehensive knowledge and skills in the full spectrum of stage management responsibilities.
Restrictions: Honours Form Required. Students may not hold credit for this course and THFM-3802 | THFM-4832.
Requisite Courses: THFM-2801 [prerequisite(s)].

THFM-4803 (3) Honours Stage Management - Practice (3 hrs Lecture) This course is designed to provide students with a practical forum within which the theoretical concepts learned in THFM-4802(3) Honours Stage Management - Theory can be tested by working as part of the stage management team supporting a public exercise. Students have the opportunity to apply these principles and techniques in a practical setting by filling a stage management position on at least one public exercise.

As the emphasis of this course is comprised of an introductory first experience of practical work, tutorial sessions are arranged with individual students. These are designed to guide students through the practical stage management experience.
Restrictions: Honours Form Required. Students may not hold credit for this course and THFM-4832.
Requisite Courses: THFM-4802 and permission of the instructor [prerequisite(s)].

THFM-4809 (6) Advanced Stagecraft Practicum (3 hrs Lecture | 3 hrs Lab) This course is a continuation of the stagecraft portion of THFM-2801 Production I with greater emphasis on the skills, techniques, and principles required to construct stage scenery. The course is also an advanced practicum which encompasses the management and construction of all scenery for the department's 4th-year public exercise (Fall). In addition, course content focuses on the development of blueprint reading and other practical skills as they relate to scenic construction. Emphasis is also placed on the role of the master carpenter's relationship with the set designer.
Note: Students who have taken the former THFM-2001(3) Practicum version of Stagecraft II may not take this course.
Restrictions: Honours Form Required. Students may not hold credit for this course and THFM-3809.
Requisite Courses: THFM-2801 [prerequisite(s)].

URBAN AND INNER CITY STUDIES

UIC-1001 (3) Introduction to Urban and Inner-City Studies (3 hrs Lecture) The course provides an overview of the dynamics that drive a city's growth and that produce change over time. It considers the social impact of urban change, with particular emphasis on the interconnectedness of the different parts of the city and on the impact of urban change on the inner city. It examines how these changes shape city politics, looking at the political interests and problems associated with the commercial core, older residential neighborhoods near the centre, and burgeoning suburban and exurban areas. It also examines how the three levels of government are involved in shaping and responding to these changes.

UIC-1002 (3) Issues in the Inner-City Studies: An Introduction (3 hrs Lecture) The inner-city, a post-war phenomenon unique to North America, is of interest to urban studies because it focuses our attention on the margins and on issues of social justice. This course is offered on an occasional basis to respond to specific requests from the inner-city community, and/or to take advantage of opportunities to examine trends or concerns that arise in the inner city. The topic covered may vary from year to year. Students should consult the Department of Urban and Inner-City Studies about the topic in any given year. If the topic is different from one they have previously taken, they are permitted to enroll in the course and receive credit.

UIC-1010 (3) Indigenous Ways of Knowing (3 hrs Seminar/Discussion) Large numbers of Indigenous peoples settling in Winnipeg, and in core neighbourhoods, suggest that students studying urbanism need to be aware that the city and critical issues in the inner city can be interpreted differently. This course offers an introduction to Indigenous ways of knowing through active participation in strategies that facilitate the production of Indigenous knowledge and through comparisons with Euro-American ways of knowing. By taking part in basic ceremony and related practices, students gain an understanding of how First Peoples of Manitoba relate to each other, to the land, to other animals, and to the world.
Cross-listed: IS-1010(3).
Restrictions: Students may not hold credit for this course and IS-1010.

UIC-1012 (3) Dynamics of the Inner City (3 hrs Seminar/Discussion) This course exposes students to inner-city life, experienced through field trips to meet with formal and informal community leaders and community-based organizations. Students benefit from presentations by those whose calling and work focuses on critical inner-city issues. We observe changes arising from resiliency, activism, multiculturalism, and the blending of social justice and traditional Indigenous values. Students explore the inner-city life of Indigenous peoples and newly-arrived Canadians. Classes emphasize discussion and "inner-city stories".

UIC-2001 (3) Community Development (3 hrs Lecture) This course is an introduction to the idea of community development and community economic development. The course considers the principles and philosophy of community development/community economic development, and examines the key elements of CD/CED including neighborhood revitalization,housing development and rehabilitation, employment development and training, and social enterprise.
Cross-listed: IS-2301(3).
Restrictions: Students may not hold credit for this course and IS-2301.

UIC-2010 (3) Metis Identity, Culture and Rights (3 hrs Lecture) This course provides an overview of Métis culture, history and governance, explores current issues faced by the Métis. Significant court cases such as the historic Manitoba Métis Federation Land Claims case, and the Powley, Goodon and Daniels cases are examined. Federal and provincial issues such as jurisdiction, and finding inequalities are also considered. The aim is to provide students with a better understanding of the Métis Nation and specifically the Manitoba Métis community. Restriction: Students who have credit for UIC-3100, Issues in Urban and Inner-City Studies, when the topic was Métis Identity, Culture and Rights cannot take this course for credit.

UIC-2020 (3) Colonization and Indigenous Peoples (3 hrs Lecture) This course examines the Indigenous colonial experience, particularly in Western Canada, and the impact colonization has had and continues to have on the relationship between Indigenous peoples and Canadian governments. This course emphasizes the contemporary effects of colonization, particularly as regards identity issues and how they play out in the urban and inner-city environment, and also processes and strategies for decolonization.
Cross-listed: POL-2020(3) and IS-2020(3).
Restrictions: Students may not hold credit for this course and IS-2020 | POL-2020.

UIC-2030 (3) Management and Financial Administration for Community Leadership (3 hrs Lecture) As small-scale and not-for-profit structures, community-based and Indigenous organizations often face unique challenges and political/cultural realities in terms of overall management and operations. This course provides students with a good understanding of the key facets of inner- city management and administrative structures within the community and Indigenous sectors in particular. Key topics include organizational structures and management controls, financial statements and budgeting, performance measurement, strategic planning and operations analysis and evaluation.
Cross-listed: IS-2030(3) and BUS-2030(3).
Restrictions: Students may not hold credit for this course and BUS-2030 | IS-2030.
Requisite Courses: UIC-1001 or IS-1015 [prerequisite(s)].

UIC-2210 (3) Introduction to Community Advocacy (1 hrs Lecture | 2 hrs Seminar/Discussion) The Civil Rights

Movement of the 1960s and the War on Poverty that followed gave rise to a North American advocacy movement. With growing concern that people living in poverty required representation to fully assert their rights, storefront law offices opened in impoverished neighbourhoods and Canada's Legal Aid program was developed. This course examines the history and forms of advocacy from individual to public interest, and different models for providing advocacy services. It explores the role that advocacy plays in influencing public policy, particularly with respect to various social and benefit entitlement programs aimed at responding to urban poverty.

UIC-2220 (3) Urban Poverty and Policy (1 hrs Lecture | 2 hrs Seminar/Discussion) Urban poverty is a growing problem throughout the world, including Canada. It is affected by a wide range of policies. This course examines urban poverty through the lens of these various policies, considering their origins, impact, adequacy and ideological character.

UIC-2515 (3) History of Education in Winnipeg's Inner City (3 hrs Lecture) This course examines the history of education in Winnipeg's North End and broader inner city from the early 20th century to today. Particular attention is paid to those who have come to be identified as the "Other": eastern European immigrants early in the 20th century; Indigenous people and newcomers today. The relationship between poverty and educational outcomes is closely examined. Also emphasized are innovative educational strategies that have emerged in the inner city and that have been demonstrated to work well in improving educational outcomes.
Restrictions: Students may not hold credit for this course and HIST-2515.

UIC-3001 (6) Urban and Inner City Practicum (3 hrs Lecture) This course provides students with an experiential learning opportunity at an inner-city organization. Students spend three hours per week with the organization, observing what takes place, meeting and working with inner-city people and organizations, and taking on work assignments under the direction of the organization's staff and with the support of the course instructor. Course assignments may include, among others, interpretive journals and/or projects prepared for the organization.
Requisite Courses: UIC-1001 and one other Core Course in Urban and Inner-City Studies [prerequisite(s)].

UIC-3002 (3 or 6) Directed Readings in Urban and Inner City Studies (3 hrs Lecture) This course provides students with the opportunity to identify a topic of interest in Urban and Inner-City Studies and to examine the topic in depth under the supervision of a professor who has expertise in that area. This course may be taken more than once for credit if the topics vary.
Note: Students may take a maximum of 12 credit hours in directed readings courses at the 3000 and 4000 level. Permission of the instructor is required.
Restrictions: Department Permission Required.

UIC-3020 (3) Women and the Inner City (3 hrs Lecture/Seminar) This course explores a number of issues specific to women living in the inner city. We examine the economic, political, and social conditions that influence the lives of diverse populations of women living in the inner city and the various issues and problems associated with their positioning. Within this larger context, special attention is paid to the specific issues and problems related to the experience of urban Indigenous women, new immigrant women, underemployed women and street-involved women.
Cross-listed: WGS-3020(3).
Restrictions: Students may not hold credit for this course and WGS-3020.

UIC-3025 (3) Issues in Sustainable Cities (30 hrs Lecture) This course addresses issues of sustainable urban development. Topics may include the following: world population growth and urbanization in developed and developing countries; the impact of technology, trade, and commercial globalization on urban environments; the degradation of land, water, and air inside cities and in their bio-regions; the consumption of fossil fuels and the local and global impact of their combustion; the politics of sustainable urban development; the role of planning and urban administrative practices and policies in environmental degradation and mitigation; and the place of local environmental initiatives in national environmental actions.
Cross-listed: ENV-3025(3).
Restrictions: Students may not hold credit for this course and ENV-3025.
Requisite Courses: GEOG-2414, or the former GEOG-2404, or UIC-1001, or permission of the instructor (must be taken previously or at the same time as this course).

UIC-3030 (3) Urban and Community Planning (3 hrs Lecture) Urban planning is a process that has importance for the quality of life of those who live in inner-city and downtown neighbourhoods. According to Friedmann, planning is an interdisciplinary field that "links knowledge to action". This course examines traditions, theories, and values in planning practice and highlights the important role in planning of civil society and community. Broad approaches to planning in Canada, the USA, and Britian and specific processes and policies in Winnipeg provide students with background in planning systems. The emphasis in this course is on practical knowledge and skills for community organizers.
Cross-listed: GEOG-3432(3).
Restrictions: Students may not hold credit for this course and GEOG-3432.
Requisite Courses: UIC-1001 or UIC-2001 or GEOG-1103 or permission of the instructor [prerequisite(s)].

UIC-3050 (3) Immigration and the Inner City (3 hrs Lecture) This course explores both long-standing and recent questions about immigration and the inner city. Topics include the impact on contemporary inner-city communities of immigration; globalization; international and transnational social and economic developments; and civil wars, internal wars, and violent conflicts. Students' inquiry into the relationship between immigration and the inner city involves an exploration of both early and contemporary

discourse on the subject.

UIC-3060 (3) Confronting Racism in the Inner City (3 hrs Lecture) This course helps students understand what racism is, how it's expressed in Winnipeg's inner city and what factors contribute to its existence. The course provides practical tools for confronting racism, awareness and skill-building around dealing with internalized racism, and guidelines to becoming an ally with those experiencing the brunt of oppression that racism creates. The course emphasizes student participation and discussion and in-depth analysis of ideologies that underlie race-based practices, specifically with respect to Indigenous populations. Restriction: Students who have credit for UIC-3100 when the topic was Confronting Racism cannot take this course for credit.

UIC-3100 (3) Issues in Urban and Inner-City Studies (3 hrs Lecture) This course is offered on an occasional basis to focus the discussion of students and community resource people on specific issues that are of current interest to academics and practitioners in the field of Urban and Inner-City Studies. The topic will vary from year to year. Please consult the department about specific topics.

UIC-3110 (3) Urban Research Methods (3 hrs Seminar/Discussion) This course engages students in a discussion of alternative paradigms and the role of research in shaping public understanding of social justice issues and policy. Students design individual research projects and examine case studies and methodologies that highlight Indigenous, poverty-focused, feminist and anti-racist perspectives. This course serves as a complement to the Inner-City Workshop, and offers students a thorough analysis of qualitative, naturalistic and participatory research methods.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: UIC-1001 and either UIC-2001 or UIC-2220 [prerequisite(s)].

UIC-3125 (3) The Intergenerational Legacy of Residential Schools (3 hrs Lecture) The residential school system was a mandatory school system for all Aboriginal children. The objective of these schools was to extinguish Aboriginal culture and language from the Canadian landscape. The first school opened in the late 1800's and the last school closed in the 1980's. The result from this long history is a legacy that impacts all Canadians and Aboriginal peoples. This course examines the impact of the residential school system in a variety of areas such as the loss of language and culture, loss of parenting skills, (especially mothering), as well as settler and Aboriginal relations.
Cross-listed: IS-3125(3).
Restrictions: Students may not hold credit for this course and IS-3125.
Requisite Courses: IS-1015 [prerequisite(s)].

UIC-3210 (3) Community Organizing (3 hrs Seminar/Discussion) This course examines a range of strategies for promoting change in urban settings. Students study theories and historical examples of various kinds of community organizing. Local, national and international cases are examined. Examples may include, but are not limited to: neighbourhood-level organizing; feminist approaches to organizing; forms of civil disobedience; lobbying; use of the media in community organizing. Students work in groups to design specific community organizing strategies.
Cross-listed: IDS-3210(3).
Restrictions: Students may not hold credit for this course and IDS-3210.
Requisite Courses: UIC-2001, or UIC-2210, or IDS-2110 [prerequisite(s)].

UIC-3220 (6) Community Advocacy Internship (1.5 hrs Apprenticeship/Internship/Practicum | 1.5 hrs Seminar/Discussion) This course closely examines selected urban poverty-related issues, from a legal, policy and advocacy perpective. Particular emphasis is placed on appeal mechanisms related to administrative tribunals. Issues examined may vary from year to year, and may include but are not limited to: employment and income assistance; employment insurance; housing; mental health. Central to the course is an internship with an organization that supports citizens making complaints and appeals related to these areas. Students learn about appeal processes through involvement in actual cases.
Requisite Courses: Two of UIC-2210, UIC-2220, UIC-3040; or IDS-2110 and one of UIC-2210 or UIC-2220 or UIC-3040 [prerequisite(s)].

UIC-3230 (6) Inner-City Work/Study (Project / Thesis | 3 hrs Seminar/Discussion) Inner-City Work Study is a summer intensive course that brings students from diverse backgrounds together to work and learn in the inner city. In the spirit of reconciliation and building bridges toward a city free from racism and exclusion, students explore theories of community practice toward transformative change, guided by anti-oppressive and social justice frameworks. Students put theory into practice through a paid 4-month summer internship with a community-based non-profit organization. The intensive work/study program provides students the unique opportunity to combine scholarly learning with summer employment where they will gain valuable experience while contribute to the inner-city community.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: Students will have completed a minimum of one Urban & Inner City Studies course [prerequisite(s)].

UIC-3240 (3) Poverty and the Law (3 hrs Lecture) This course focuses on poverty law as it affects the individual and the community. It offers the student insight into the legal and administrative regimes governing the lives of persons of low or modest income. From the theoretical and practical perspective, it explains how certain laws may act as barriers to the full participation of disadvantaged persons in a free and democratic society. Finally, the

course examines how the law can be used to advance the interests of persons of low and modest incomes.
Restrictions: Students may not hold credit for this course and UIC-3040.

UIC-3330 (3) Solidarity and Social Economy in the City (3 hrs Lecture) Social economy encompasses cooperatives, commercially-oriented social enterprises, voluntary organizations and charities, community organizations and neighbourhood groups. It stretches across to the domestic economy of families. This course examines the marginalized or invisible value in largely non-market and non-monetized activities in the city -- the informal and autonomous ways in which we meet our needs. It introduces models of welfare pluralism and examines highly productive activities that are based on democratic solidarity.
Cross-listed: UIC-4330(3).
Restrictions: Students may not hold credit for this course and UIC-4330.
Requisite Courses: UIC-2001 or permission of the instructor [prerequisite(s)].

UIC-3430 (3) Housing and the Neighbourhood (3 hrs Lecture) This course examines the complexity of shelter environments within the urban landscape. The focus is on the North American housing market, the history of housing, and the ways in which traditional and non-traditional markets are defined and understood. The unique characteristics of the modern city are examined as they are manifested in homelessness, marginal housing forms, shelter-induced poverty, suburban decline, and inner-city issues. Emphasis is also placed on current/historical policy and program responses to housing-related issues at the neighbourhood, municipal, provincial and federal level.
Cross-listed: GEOG-3430(3).
Restrictions: Students may not hold credit for this course and GEOG-3430.
Requisite Courses: UIC-1001 or GEOG-1102 [prerequisite(s)].

UIC-3603 (3) Winnipeg and the Environment: A Case Study Approach (3 hrs Lecture) This course focuses on the particular problems facing the City of Winnipeg in its interaction with the environment. Students are required to participate in an in-class strategic planning session to select issues and concerns that become the case study content of the course. Municipal planning initiatives are used to select the issues, to define their scope, and to propose policy and program solutions. The course format involves small interactive group discussions led by the students and facilitated by the instructor. A high level of student participation is expected.
Cross-listed: ENV-3603(3).
Restrictions: Students may not hold credit for this course and ENV-3603.
Requisite Courses: ENV-1600 or the former ENV-2600 or permission of the instructor [prerequisite(s)].

UIC-4001 (3 or 6) Directed Readings in Urban and Inner City Studies (3 hrs Directed Reading) This course provides the students with the opportunity to identify a topic of interest in Urban and Inner-City Studies and to examine the topic in depth under the supervision of a professor who has expertise in that area. This course may be taken more than once for credit if the topics vary. Students may take a maximum of twelve (12) credit hours in directed readings courses.
Note: Permission of the instructor is required.

UIC-4010 (3) Urban Poverty (3 hrs Seminar/Discussion) Poverty in urban centres has become a particularly serious problem in the late 20th-early 21st centuries. It differs, in many important respects, from the urban poverty of earlier generations. What are its distinguishing features? Why has it emerged at the time and in the form that it has? What modes of explanation can best guide us to a better understanding of this poverty? This course attempts to answer such questions, examining some theoretical works that address contemporary urban poverty.
Requisite Courses: A minimum of 6 credit hours in UIC courses or permission of the instructor [prerequisite(s)].

UIC-4020 (3) Inner-City Workshop (3 hrs Seminar/Discussion) This course combines theory and practice in the study of the dynamics of low-income inner-city communities. The course includes an examination of some recent literature on the phenomenon of low-income inner cities. It also features a practicum placement -- three hours per week -- with an inner-city community-based organization, and a term paper based on primary research on an inner-city topic, preferably related to the practicum assignment. Students develop research skills in a hands-on fashion, while being exposed to the practical realities of day-to-day life in the inner city.
Restrictions: Department Permission Required.
Requisite Courses: A minimum of 6 credit hours in Urban and Inner City Studies courses [prerequisite(s)].

UIC-4210 (3) New Urban Worlds (3 hrs Lecture) This course provides an interdisciplinary perspective on the economic, cultural, and political contexts of contemporary urban change and their implications for new urban social movements, polarization and inequality, difference, and neighbourhood change. The varied impacts on inner-city areas are especially emphasized. Although the focus is on northern cities, some examples from the global south are used to provide context.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Department Permission Required.
Requisite Courses: A minimum of 6 credit hours in UIC courses or permission of instructor [prerequisite(s)].

UIC-4330 (3) Solidarity and Social Economy in the City (3 hrs Lecture) Social economy encompasses cooperatives, commercially-oriented social enterprises, voluntary organizations and charities, community organizations and neighbourhood groups. It stretches across to the domestic economy of families. This course examines the marginalized or invisible value in largely non-market and non-monetized activities in the city -- the informal and autonomous ways in which we meet our needs. It introduces models of welfare pluralism and

examines highly productive activities that are based on democratic solidarity.
Cross-listed: UIC-3330(3).
Restrictions: Instructor Permission Required. Students may not hold credit for this course and UIC-3330.
Requisite Courses: UIC-2001 or permission of the instructor [prerequisite(s)].

UIC-4445 (3) Urban Indigenous Seminar (3 hrs Lecture) This seminar examines selected topics dealing with urban Indigenous issues. Topics may include the viability of urban Indigenous governance, urban reserves, and Indigenous education and economic development issues in the inner city. The issue of differing conceptions of Indigenous representation and identity held by various Indigenous organizations is a particularly challenging and contentious issue in the urban context. The portability and applicability of Indigenous and treaty rights in the urban environment may also be explored. We may also analyze the unique problems created by the range of jurisdictional responsibilities towards Indigenous people in the urban environment.
Cross-listed: ANTH-4145(3) and IS-4445(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4145 | IS-4445.
Requisite Courses: A minimum of 6 credit hours in UIC courses or permission of the instructor [prerequisite(s)].

UIC-4520 (3) Theories of Urban Poverty (3 hrs Lecture) This seminar analyzes and evaluates the works of various social scientists who have written about urban poverty in the late 20th and early 21st centuries. The course addresses issues such as the causes of today's urban poverty, the ways in which urban poverty today differs from earlier forms, the relationship between urban poverty and global economic forces, and the relationship between urban poverty and drugs, gangs and violence. Writers studied may vary from year to year.
Restrictions: Instructor Permission Required. Students may not hold credit for this course and POL-4520.

WOMEN'S AND GENDER STUDIES

WGS-1232 (6) Introduction to Women's and Gender Studies (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course is an introduction to the theories, methods, and issues of Women's and Gender Studies, focusing on contemporary feminist scholarship and movement in North America. It explores how gender intersects with systems of power and inequality, including sexism, colonialism, racism, homophobia, transphobia and class discrimination to shape lived experience. It builds on the premise that sex, gender and sexuality are inextricable from other social differences, such as race, ethnicity, religion, language, age, and (dis)ability in the construction of identity. Course materials drawn on include scholarly literature, case studies, fiction, new media, film and video, art, and feminist cultural production.
Note: Students with standing in WGS-1232(6) may not receive credit for the former 95.2332(6) offered prior to 1988.

WGS-2001 (3) Gender and Folklore: A Survey (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This interdisciplinary course introduces students to the concepts of folklore and gender and their interrelationships. It looks at representations of gender and gendered uses of folklore. It considers relationships between traditional, popular, and mass cultures, with a focus on how gender is expressed and communicated in and by them. It examines folklore as a mode of communication.

WGS-2251 (3) Gender, Race, and Nation in Canada (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This interdisciplinary course explores the work of feminist academics, activists and artists/cultural producers to investigate what it means to say "I am Canadian." Through an interlocking feminist frame of analysis/frame of praxis that examines the intersections of gender, race, class, and sexuality, we work to develop an understanding of transnational feminist citizenship. In our explorations, we locate ourselves in our own differing Canadian contexts, examining our own social locations and practices. Topics include concepts such as home, belonging, colonization, decolonization, sovereignty, exile, nation, nationalism, multiculturalism, marginalization, exclusion, citizenship, cultural activism, democracy and resistance. Topics vary.
Requisite Courses: WGS-1232 or permission of the instructor [prerequisite(s)].

WGS-2256 (3) New Media, Culture Jamming, and the Third Wave (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course is an introduction to new media and culture jamming in the context of Third Wave Feminism. It explores how feminists today are using new media technologies including hypertext, blogs, gaming, online zines, and digital audio/video in the virtual praxis of feminism. It also examines how feminist culture jamming works to resist the occupation of public space and imagination by corporate and mainstream media. Course materials focus on the transformative potential of new media and culture jamming as tools for social change.

WGS-2258 (3) Boys, Men, and Masculinities on Film (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course examines myths, theories, and images of boys and men that shape how they are represented and how they represent themselves in popular culture, particularly in feature films. Using feminist, queer, trans, and cultural studies theories, we look, for example, at how political and material conditions influence representation. We focus on North American masculinities, examining gender, race, class, age, sexuality, nationality, ethnicity, ability, and other categories of identity. Film genres considered include westerns, comedies, and action. Topics considered include work, health, relationship, media, and violence.

WGS-2260 (3) Girls, Women and Popular Culture (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course examines some of the myths, theories and images of girls and women that shape how they are represented and how they represent themselves in popular culture. In addition to studying popular culture via feminist theory and cultural studies, the ways in which political and material conditions influence the representation of girls and women are examined. While this course primarily examines North American popular culture, gender, race, class, age, sexuality, ethnicity, nationality, ability, and other categories of identity are also considered. Areas of study include myths of romantic love, images of the body and women in action.

WGS-2262 (3) Sex, Sexuality, Gender, and Audiovisual Media (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) Using multidisciplinary and interdisciplinary perspectives, this course addresses how gendered analysis, primarily feminist but also queer, postmodern, postcolonial, and critical race theory, illuminates audiovisual media, particularly film and television. The course explores the transformative potential of audiovisual media to re-imagine hegemonic and mainstream notions of sex, sexuality, and gender. For all media, the course examines genres, creators, audiences, performers and texts. Possible topics include soap operas and horse operas, documentaries and reality TV, intercultural cinema, transnational video art, cinematic transgender and transbiology, and representations of violence.

WGS-2264 (3) Disabilities, Sexualities, and Rights (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) Links between living and disabilities and risk of disadvantage or discrimination are clear, yet focus on equality, employment access, services, and physical health needs may render invisible or subjugate issues of sexual health, identity, and expression of people with disabilities. Taught from critical disability, feminist, and queer perspectives, this course embraces social models and explores human rights implications of challenging bio-medical views of sexualities and disabilities, focusing on how people with disabilities themselves embrace their sexualities and/or are prevented from doing so. Recognising and balancing complex and sometimes apparently competing self-identities and needs is integral from a human rights perspective.
Cross-listed: DIS-2200(3)
Experimental Course - This course is offered on a trial

basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and DIS-2200.

WGS-2270 (3) Food Cultures, Sex, and Gender (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) Using multidisciplinary and interdisciplinary perspectives, this course addresses how gendered analysis, including feminist, queer, postmodern, postcolonial, and critical race theory illuminates the cultures of food and food's complex relation to human societies. The course examines such topics as cross-cultural perspectives on eating behaviours; gender and food systems; recipes, cookbooks, and menus as texts; food and the body; social construction of culinary practices, beliefs, and traditions; politics of family and meals; psychological, cultural, and social determinants of taste; malnutrition, hunger and food security; food in fiction, film and art; social and cultural dimensions of food technologies; and the political economy of the global food system.

WGS-2416 (3) Sex, Gender, Space and Place (3 hrs Lecture) This course examines, from interdisciplinary perspectives including those of Women's and Gender Studies, Geography and Environmental Studies, relationships among sex, gender, space and place in societies, cultures, environments and ecosystems. Selected relevant topics will be considered, such as ecofeminism, the cultural politics and political geography of sex and sexual identities, the gendering and sexing of city landscape and architecture, notions of public and private space, and space/place in the sociocultural construction of femininity and masculinity. We will consider how sex, gender, race, ethnicity, class, sexuality and other aspects of identity affect the transformation of space into place.
Cross-listed: GEOG-2416(3) and ENV-2416(3).
Restrictions: Students may not hold credit for this course and ENV-2416 | GEOG-2416.
Requisite Courses: GEOG-1102 (3) and GEOG-1103 (3), or ENV-1600 (3) or WGS-1232 (6) or permission of the instructor [prerequisite(s)].

WGS-2922 (3) Topics in Women Writers (3 hrs Lecture) This course focuses on a topic in the field of women writers which varies from year to year. The topic area may be defined by genre; historical period; literary and cultural movement; or local, national, or global communities. Students should consult the English Department Handbook for information about specific iterations of the course. This course may be repeated once when the topic varies.
Cross-listed: ENGL-2922(3).
Restrictions: Students may not hold credit for this course and ENGL-2922.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

WGS-2933 (6) Survey of Women Writers (3 hrs Lecture) This course offers a select survey of women writers, theorizing about women, and feminist theory from the Middles Ages to the present. Lectures and discussion offer historical, aesthetic, social, theoretical, and literary contexts in which to consider women as subjects, writers, and readers and to consider the material conditions of women at different points in history and in different cultural contexts. The course also consider women in relation to various literary, political, and cultural movements, which may include, but not necessarily limited to, Neoclassicism, Romanticism, Victorianism, Feminism, Decadence, Modernism, Postmodernism, Globalization and Postcolonialism.
Cross-listed: ENGL-2933(3).
Restrictions: Students may not hold credit for this course and ENGL-2902 | ENGL-2912 | ENGL-2933.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

WGS-3001 (6) Indigenous and Critical Race Feminisms (3 hrs Lecture/Seminar) Indigenous and racialized scholars, activists, and artists are leading the way in intersectional feminisms. This course acquaints students with issues such as identity, gender, representation, race, sovereignty, land, settler colonialism and decolonization. Students explore Indigenous, critical race and anti-racist feminist theories that resist colonial violence, gendered, and racialized representations of ethnicity. The theoretical frameworks of Indigenous women and women of colour are central to this course, and we examine and locate our understanding of our feminist practices through these theoretical frameworks.
Restriction: May not hold credit for this course and WGS 3500 when the topic was Anti-Racism and Indigenous Feminisms.
Requisite Courses: WGS-1232 [prerequisite(s)].

WGS-3003 (3) Sex, Sexuality and Science (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course raises feminist questions about how science and scientists address concepts of sex and sexuality. We investigate how concepts of human sex have been constructed, and more specifically, how women's biology has been invented and understood by scientists and the medical profession, focusing on current issues. We examine the various outcomes and repercussions of these narratives of biological sex for women and men. We address both the ways these perceptions of sex and sexuality can influence the lives of women and men, and various strategies currently used to challenge these attitudes and practices.
Requisite Courses: WGS-1232 or WGS-2301 or permission of the instructor [prerequisite(s)].

WGS-3004 (3) Women, Health and the Environment (1 hrs Lecture | 2 hrs Seminar/Discussion) This course introduces students to a number of pertinent issues and questions feminists are dealing with when considering women, health and the environment. We investigate how women, health and the environment intersect and explore some of the repercussions of particular environmental situations (including, but not limited to, environmental pollution, nuclear radiation, and synthetic hormones) on women's physical, emotional, spiritual and psychological health. We also study the ways in which feminists are researching and calling attention to the injustice of environmental degradation on women's health and various feminist strategies developed in challenging dangerous

environmental practices.
Cross-listed: ENV-3004(3).
Restrictions: Students may not hold credit for this course and ENV-3004.
Requisite Courses: WGS-1232(6) or the former WGS-2301(3) or permission of the instructor [prerequisite(s)].

WGS-3005 (3) Gender in Fairy Tale Film and Cinematic Folklore (1 hrs Lecture | 2 hrs Seminar/Discussion) Fairy tale film (movie or TV versions of international wonder tales) and cinematic folklore (representations of other traditional genres in film) express notions of gender that have multiple implications for their creators and audiences. Using feminist film theory, we explore filmed versions of traditional culture primarily for adults. Topics include postmodern and psychoanalytic perspectives; metamorphosis, enchantment, monstrosity, and abjection; transgender and transbiology; the rise in popularity of adult fairy tale film; analyses of particular auteurs; adaptation theory; genre and generational shifts and remixes; historic and contemporary perspectives on innovative cinematography and special effects, and/or contemporary iconography.
Requisite Courses: WGS-1232(6) or WGS-2001(3) or the former WGS-2002(3) or ENGL-2114(6) or permission of the instructor [prerequisite(s)].

WGS-3006 (3) Embodied Subjects (3 hrs Seminar/Discussion) This course uses an intersectional approach to embodiment that attends to how constructions of class, debility, disability, frailty, gender, race, sexuality, and other social differences come to figure in experiences and understandings of the body. We think about bodies as sites not only of social inscription but also of agency and possibility and highlight feminist and crip activism. What is embodiment? What is a subject? How are subjects embodied? What are the implications of embodied subjectivity? Why are some humans perceived as more embodied than others and how do the above constructions affect those perceptions?
Cross-listed: DIS-3006(3).
Restrictions: Students may not hold credit for this course and DIS-3006.
Requisite Courses: WGS-1232 OR DIS-2100 OR permission of WGS Chair OR DS Coordinator OR instructor [prerequisite(s)].

WGS-3020 (3) Women and the Inner City (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course explores a number of issues specific to women living in the inner city. We examine the economic, political, and social conditions that influence the lives of diverse populations of women living in the inner city and the various issues and problems associated with their positioning. Within this larger context, special attention is paid to the specific issues and problems related to the experience of urban Aboriginal women, new immigrant women, underemployed women and street-involved women.
Cross-listed: UIC-3020(3).
Restrictions: Students may not hold credit for this course and UIC-3020.

WGS-3040 (6) Feminist Cultural Productions (3 hrs Seminar/Discussion) This interdisciplinary course explores a wide range of cultural practices such as performance, poetry, zines, crafting, street art, video and film, radio, spoken word, comics, and hypertext, to develop connections among artistic practices and feminist theory. To understand the economic, political and social conditions that women artists face, we investigate cultural production by women artists and critically engage a wide range of feminist culture and practices. We explore concepts such as interpretation, representation, cultural production, appropriation, censorship, voice, the body, identity, cultural democracy, and cultural resistance. Topics may vary. Students develop their own creative work.
Cross-listed: WGS-4040(6).
Restrictions: Students may not hold credit for this course and WGS-4040.
Requisite Courses: WGS-1232 or permission of the instructor [prerequisite(s)].

WGS-3153 (3) Studies in the Rhetorics of Gender (3 hrs Lecture) This course focuses on issues growing from the complex interaction of gender and language use, with a particular focus on written texts. Beginning with an overview of research on the relationship between gender and communicative behaviour, including feminist critiques of language, it considers such topics as the following: the rhetorics of women's movement and of contemporary men's movements; verbal (and, to a lesser extent, visual) constructions of masculinity and femininity in advertising and the media; innovative uses of language which resist and subvert prevailing conceptions of appropriate communicative behaviour; and the rhetoric of public debates over issues such as abortion and reproductive technologies, in which gender is a central factor.
Cross-listed: RHET-3153(3).
Restrictions: Students may not hold credit for this course and RHET-3153.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

WGS-3200 (6) Feminist Research Methodologies Seminar (3 hrs Seminar/Discussion) This course takes students through the process of conducting a feminist research project. Steps include choosing a topic, obtaining bibliographic background, learning about and choosing among a variety of research methods, writing a research proposal which will be passed through the Women's and Gender Studies Ethics Committee, following Senate Committee on Ethics in Human Research and Scholarship procedures, conducting preliminary research, and presenting preliminary results. Discussions of readings, seminars on a variety of readings on different feminist research methods, and workshops on how to apply those research methods comprise the main content.
Requisite Courses: WGS-1232 [prerequisite(s)].

WGS-3242 (3) Women and Peacemaking (3 hrs Lecture) This course addresses, from an interdisciplinary perspective, both theoretical and practical contributions

that women have made to peacemaking in the modern world. It includes analysis of women's involvement in peace action, research, and education. Attention is given to the challenges that activists face in organizing around their identity as women, such as the challenge of building common ground among women with varied experiences and concerns.
Cross-listed: CRS-3242(3).
Restrictions: Students may not hold credit for this course and CRS-3242.
Requisite Courses: CRS-1200(6) or WGS-1232(6) or permission of CRS Coordinator or Women's and Gender Studies Chair [prerequisite(s)].

WGS-3301 (3) Feminisms: Background and Fundamentals (1 hrs Lecture | 2 hrs Seminar/Discussion) This primarily seminar course provides an overview of historical feminist concepts and their implications for feminist practice through a combination of lectures, presentations, films, and seminar discussions. The course addresses feminist thought from its cross-cultural beginnings to its more recent forms and the bases, background, and fundamentals needed to understand current feminisms and feminist theorizing. We look at gender-based critiques of traditional disciplines and their concepts, as well as the development of issues currently of concern to feminisms, including such areas as colonialism, racism, homophobia, and sexualities.
Requisite Courses: WGS-1232 [prerequisite(s)].

WGS-3302 (3) Feminisms: Current Perspectives (1 hrs Lecture | 2 hrs Seminar/Discussion) This primarily seminar course delves into contemporary feminist theories and their implications for feminist practice through a combination of lectures, presentations, films, and seminar discussions. The course addresses emerging feminist concepts and current issues of concern to feminist theorizing. It offers a broad overview, or focuses on a particular topic such as theories of the body, postcolonial feminist theories, and queer and trans theorizing of gender.
Requisite Courses: WGS-1232 [prerequisite(s)].

WGS-3321 (3) Gender and Organizations (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) Exploring gender's relevance to organizations of various types, including corporations and not-for-profits, this course addresses how gendered analysis can benefit a variety of perspectives on organizations. Taking critical and postmodern approaches to organizational theory and practice, the course considers gender with respect to such topics as leadership; management; communication; conflict resolution; diversity, inclusion, and intersectionality; power; negotiation; organizational change; organizational justice; ethics; healthy workplaces; volunteer workers; management; human resources; and globalization.
Cross-listed: BUS-3321(3) and POL-3321(3).
Restrictions: Students may not hold credit for this course and BUS-3321 | POL-3321.
Requisite Courses: WGS-1232, BUS-2103(3) or POL-2300(3), or permission of the instructor [prerequisite(s)].

WGS-3500 (6) Special Topics in Women's and Gender Studies (1 hrs Lecture | 2 hrs Seminar/Discussion) This course focuses on a specific theme, author, movement, approach or theory in Women's and Gender Studies. Students should consult the Women's & Gender Studies Department for details.
Requisite Courses: WGS-1232 [prerequisite(s)].

WGS-3501 (3) Special Topics in Women's and Gender Studies (1 hrs Lecture | 2 hrs Seminar/Discussion) This course focuses on a specific theme, author, movement, approach or theory in Women's and Gender Studies. Students should consult the Women's & Gender Studies Department for details.
Requisite Courses: WGS-1232 [prerequisite(s)].

WGS-3523 (3) Indigenous Women's History (3 hrs Lecture) This course examines Metis, Inuit and First Nations women's history in Canada. The course covers a variety of themes, including Indigenous women's health, labour and education history; histories of sexual, legal, and social regulation of Indigenous women; and formal, informal, local and national women's organizations. Students also engage in historical interpretation of a variety of different kinds of historical evidence and consider the creative work of Indigenous women in diverse cultural fields including art, film, music and literature.
Cross-listed: HIST-3523(3) and IS-3523(3).
Restrictions: Students may not hold credit for this course and HIST-3523 | IS-3523.

WGS-3571 (3) History of Feminism in Canada (3 hrs Seminar/Discussion) This course examines the history of feminism, focusing on the Canadian experience set within the broader context of North America and the West. It considers the changing goals, methods of organizing, adherents, societal responses and impact during each of the three "waves" of feminism. It explores biographical history of key Canadian and Western feminists. The course gives equal time to lectures and to class discussion and, as such, depends on the active and regular participation of students.
Cross-listed: HIST-3571(3).
Restrictions: Students may not hold credit for this course and HIST-3571.

WGS-3601 (6) Queer Literature, Culture and Theory (3 hrs Lecture) This course offers a survey of lesbian, gay, transgender, and queer literary and cultural production. In addition to examining novels, poems, films, and plays, students read critical essays, queer theory, and case studies from the field of sexology. Some attention is paid to the historical development of categories such as "gay", "lesbian," and "transgender"; the history of gay liberation and AIDS activism, and the relationship between the gay liberation movement and other social justice movements.
Cross-listed: ENGL-3901(6).
Restrictions: Students may not hold credit for this course and ENGL-3901.
Requisite Courses: 6 credit hours of First-Year English [prerequisite(s)].

WGS-3900 (6) Directed Readings (3 hrs Directed

Reading) This course provides a student at the third year level with the opportunity, in close consultation with a professor, to pursue in depth a selected area of Women's Studies.
Note: Students may take a maximum of 12 credit hours of Directed Readings towards the degree.
Restrictions: Department Permission Required.
Requisite Courses: WGS-3301 and WGS-3302 or the former courses: WGS-2250(3) or WGS-3300(6) or WGS-3232(6)and permission of the Department Chair and of the instructor [prerequisite(s)].

WGS-3901 (3) Directed Readings (3 hrs Directed Reading) This course provides a student at the third year level with the opportunity, in close consultation with a professor, to pursue in depth a selected area of Women's Studies.
Note: Students may take a maximum of 12 credit hours of Directed Readings towards the degree.
Restrictions: Department Permission Required.
Requisite Courses: WGS-3301 and WGS-3302 or the former courses: WGS-2250(3) or WGS-3300(6) or WGS-3232(6) and permission of the Department Chair and of the instructor [prerequisite(s)].

WGS-3951 (3) Topics in Feminist Theory (3 hrs Lecture) This course focuses on a topic in feminist theory that varies from year to year. Possible topics include women and language; women and nature; feminism and Marxism; female communities; women and diaspora; and feminism and popular culture. Students should consult the English Department website for information about specific iterations of the course. This course may be repeated once for credit when the topic varies.
Cross-listed: ENGL-3951(3).
Restrictions: Students may not hold credit for this course and ENGL-3951.
Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

WGS-4000 (9) Women's and Gender Studies Practicum (1.5 hrs Project / Thesis | 1.5 hrs Seminar/Discussion) Students engage in a feminist practicum project with a Manitoba organization involved in feminist work. The first term (3 credit hours) will be spent linking issues of feminist theory and practice, and developing a meaningful work project with an organization. In the second term (6 credit hours), students will complete the work project, meet periodically with the class to report on progress, and share strategies and knowledge. Students present their final report at the WGS Colloquium. The nature of the project is decided by the student, in consultation with their instructor and practicum supervisor. Students arrange their own placement with an organization, subject to instructor approval.
Restrictions: Honours Form Required.
Requisite Courses: WGS-3301 and WGS-3302 or permission of the instructor or the Department Chair [prerequisite(s)].

WGS-4004 (3) Cultural Studies and Feminism (3 hrs Seminar/Discussion) The field of cultural studies has been shaped by encounters between several forms of inquiry including but not limited to feminist critique, class-conscious ethnic and critical race studies, psychoanalysis, anthropology, sociology, education, folklore studies, indigenous, postcolonial, and diasporic studies, as well as studies in communications and media, literature, visual arts, and the performing arts. This seminar style course highlights feminist engagements with the interdisciplinary field of cultural studies. Specific themes in the course vary by instructor.
Note: Students may not receive credit for this course and the former WGS-4000(3), POL-4415(6) OR the former ANTH-4106(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and WGS-3232 | WOM-2200.
Requisite Courses: WGS-3301 and WGS-3302 or permission of the instructor or the Department Chair [prerequisite(s)].

WGS-4040 (6) Feminist Cultural Productions (3 hrs Seminar/Discussion) This interdisciplinary course explores a wide range of cultural practices such as performance, poetry, zines, crafting, street art, video and film, radio, spoken word, comics, and hypertext, to develop connections among artistic practices and feminist theory. To understand the economic, political and social conditions that women artists face, we investigate cultural production by women artists and critically engage a wide range of feminist culture and practices. We explore concepts such as interpretation, representation, cultural production, appropriation, censorship, voice, the body, identity, cultural democracy, and cultural resistance. Topics may vary. Students develop their own creative work.
Cross-listed: WGS-3040(6).
Restrictions: Honours Form Required. Students may not hold credit for this course and WGS-3040.
Requisite Courses: WGS-1232 or permission of the instructor [prerequisite(s)].

WGS-4100 (6) Queer Studies in the Global Postmodern (3 hrs Seminar/Discussion) This course introduces queer theories in the context of global postmodern culture. It builds on the premise that sex, gender, and sexuality intersect with other relations such as class, disability, race, ethnicity, citizenship, language, and religion. Course materials trace foundational texts in queer theory from feminist, poststructuralist, and gay and lesbian studies, as well as developments that have emerged in light of bisexual, transgender, indigenous, postcolonial, and diasporic critiques. This course also insists upon the relevance of queer studies for considering conflicts of national and trans-national consequence including neo-colonialism, globalization, citizenship, immigration, war, terrorism, and human rights.
Restrictions: Honours Form Required.
Requisite Courses: WGS-3301 and WGS-3302 or permission of the instructor or the Department Chair [prerequisite(s)].

WGS-4200 (3) Advanced Feminist Theory (3 hrs Seminar/Discussion) This course provides a forum for the exploration of complex and crucially significant texts and topics in feminist theory, and seeks to strengthen the ways students understand theory as interactive with learning,

research, policy and practice.
Restrictions: Honours Form Required.
Requisite Courses: WGS-3301 and WGS-3302 or permission of the Department Chair [prerequisite(s)].

WGS-4232 (3) Practical Feminisms (3 hrs Seminar/Discussion) This course moves students toward the work and study they will conduct following graduation. It examines the academy and other workplaces as gendered locations, from both theoretical and practical perspectives. Students learn strategies and techniques for success in applying for and working within graduate programs and a variety of workplaces. As the capstone seminar for Women's and Gender Studies students, it accommodates discussions arising from students' current research, practicum projects, and theses. The seminar gives students the opportunity to work collectively, listen, read purposively, and constructively critique and support each other's work.
Restrictions: Honours Form Required.
Requisite Courses: WGS-3301 and WGS-3302 or permission of the Department Chair [prerequisite(s)].

WGS-4400 (6) Advanced Topics in Women's and Gender Studies (3 hrs Seminar/Discussion) This course focuses on a specific theme, author, movement, approach or theory in Women's and Gender Studies. Students should consult the Women's and Gender Studies Department for details.
Restrictions: Honours Form Required.
Requisite Courses: WGS-3301 and WGS-3302 [prerequisite(s)].

WGS-4401 (3) Advanced Topics in Women's and Gender Studies (3 hrs Seminar/Discussion) This course focuses on a specific theme, author, movement, approach or theory in Women's and Gender Studies. Students should consult the Women's and Gender Studies Department for details.
Restrictions: Honours Form Required.
Requisite Courses: WGS-3301 and WGS-3302 [prerequisite(s)].

WGS-4500 (6) Honours Thesis and Colloquium (3 hrs Project / Thesis) The Honours Thesis and Colloquium will be taught on an individual basis through an arrangement between the professor and student. The student completes an Honours Thesis and presents it to Women's and Gender Studies faculty and students. The Honours Thesis could develop from a student's work in Women's and Gender Studies courses. When scheduling permits, the honours Thesis is presented in the annual WGS Student Colloquium.
Restrictions: Honours Form Required.
Requisite Courses: WGS-3301 and WGS-3302 [prerequisite(s)]; AND at least one additional 3 credit hour course in Women's & Gender Studies, and permission from the Department Chair [prerequisite(s)].

WGS-4900 (6) Directed Readings (3 hrs Directed Reading) This course provides a student with the opportunity, in close consultation with a professor, to pursue in depth a selected area of Women's and Gender Studies.
Note: Students may take a maximum of 12 credit hours of Directed Readings towards the degree.
Restrictions: Honours Form Required.
Requisite Courses: WGS-3301 and WGS-3302, and at least 3 additional credit hours in Women's and Gender Studies, and permission of the instructor and the Department Chair [prerequisite(s)].

WGS-4901 (3) Directed Readings (3 hrs Directed Reading) This course provides a student with the opportunity, in close consultation with a professor, to pursue in depth a selected area of Women's and Gender Studies.
Note: Students may take a maximum of 12 credit hours of Directed Readings towards the degree.
Restrictions: Honours Form Required.
Requisite Courses: WGS-3301 and WGS-3302 and permission of the instructor and the Department Chair [prerequisite(s)].