KINESIOLOGY AND APPLIED HEALTH (KIN)

The Department of Kinesiology and Applied Health is part of the Gupta Faculty of Kinesiology and Applied Health

Chair: Professor D. Telles-Langdon; Professor: G. Bergeron, M. Gregg; Associate Professors: D. Defries, R. Pryce; Assistant Professors: A. Hussain, Y. Molgat-Seon, N. Richer; Instructors: J. Billeck, G. McDonald, L. McKay, V. Pelleck, A. Smith, B. Trunzo.

DEGREES/PROGRAMS OFFERED
3-Year BPHE
4-Year BKin.
4-Year BSc. (Athletic Therapy)
Honours BKin

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 inclusive physical activity, physical activity and aging, sports nutrition, coaching, sport and exercise psychology, motor behaviour, exercise physiology, biomechanics, and athletic therapy

NOTE: As of Sept 2020, the Department discontinued the Bachelor of Kinesiology (General), Bachelor of Kinesiology (Sport Coaching) and Bachelor of Science in Kinesiology (Exercise Science) programs. Instead, all these areas were incorporated into a single Bachelor of Kinesiology degree.

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 42 credit hours/Maximum 54 credit hours in the Major subject.
Double Major: Minimum 42 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-1102(3) Introduction to Health
BIOL-1112(6)* Human Anatomy and Physiology
KIN-1601(3) Nutrition for Health and Wellness
KIN-2102(3) Pedagogical Theories and Models for Physical Activity and Sport
KIN-2104(3) Outdoor Education
KIN-2105(3) Sport and Exercise Psychology
KIN-2202(3)* Prevention and Care of Sport Injuries
KIN-2207(3) Physical Growth and Motor Development
KIN-2301(3)* Human Anatomy
KIN-2304(3)* Scientific Principles of Fitness and Conditioning
KIN 3103(3) Inclusive Physical Activity
KIN-3110(1.5) Instruction in Individual/Dual Based Activities
KIN-3111(1.5) Instruction in Team Based Activities
KIN-3112(1.5) Instruction in Rhythmic & Gymnastic Based Activities
KIN 3113(1.5) Instruction in Fitness Activities
KIN-3209 (3) Motor Learning & Development

*any 2 will fulfill the science requirement within the Bachelor of Physical Health and Education degree.

KINESIOLOGY TEACHABLE MINOR

Required courses:
- KIN-1101(3) Introduction to Kinesiology
- KIN-1102(3) Introduction to Health
- KIN-2102(3) Pedagogical Theories and Models for Physical Activity and Sport
- KIN-2207(3) Physical Growth and Motor Development
- KIN-3103(3) Inclusive Physical Activity

3 credit hours from:
- KIN-3110(1.5) Instruction in Individual/Dual Based Activities
- KIN-3111(1.5) Instruction in Team Based Activities
- KIN-3112(1.5) Instruction in Rhythmic & Gymnastic Based Activities
- KIN 3113(1.5) Instruction in Fitness Activities

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 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 78 credit hours in the Major subject.

Required Courses:
- BIOL-1112(6)* Human Anatomy and Physiology
- KIN-1101(3) Introduction to Kinesiology
- KIN-1601(3) Nutrition for Health and Wellness
- KIN-2105(3) Sport and Exercise Psychology
- KIN-2200(3) Issues in Sport or KIN-2305(3) Issues in Health
- KIN-2204(3)* Human Physiology
- KIN-2301(3)* Human Anatomy
- KIN-2304(3) Scientific Principles of Fitness Conditioning
- KIN-3106(3)* Exercise Physiology
- KIN-3201(3)* Biomechanics
- KIN-3209(3) Motor Learning and Development
- KIN-3305(3) Physical Activity: Promotion and Adherence
6 credit hours from:

SOC-2000(3) Sociology of Sport
KIN/CLAS-2061(3) Sport in the Ancient Greek World
KIN/CLAS-2062(3) Sport in the Ancient Roman World
KIN/CLAS-2850(3) The Classical Roots of Medical Terminology
HIST-2912(3) The History of Modern Medicine
KIN/CLAS-3060/ ANTH-3262(3) Health in Antiquity
KIN-4104(3) Sport Ethics

HIST-3913(3) The History of Disease
*any 2 will fulfill the science requirement within the Bachelor of Kinesiology degree.

Choose a minimum of 21 additional credit hours from other Kinesiology and Applied Health courses, for a minimum total of 60 credit hours and 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.

Statistics Requirement:
Choose 3 credit hours from:

PSYC-2101(3)** Introduction to Data Analysis (prereq. PSYC-1000(6))
SOC-2125(3)** Introduction to Quantitative Research Methods (prereq. SOC-1101 or CJ-1101(6))
STAT-1301(3) Statistical Analysis I
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 and BIOL-2403)
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)

** Courses with prerequisites

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 BKin 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 BKin 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 must complete an Enhanced Major Declaration and then be successful in the selection process. Entry into this program is limited. It is recommended students begin in the BKin and then apply for the Enhanced Major. 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

Recommended courses prior to submitting the Enhanced Major Declaration (these courses are required for the BSc-athletic therapy):

- BIOL-1112(6) Human Anatomy & Physiology
- KIN-1101(3) Introduction to Kinesiology
- KIN-1601(3) Nutrition for Health and Wellness
- KIN-2105(3) Sport and Exercise 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-3201(3) Biomechanics
- KIN-3209(3) Motor Learning and Development
- KIN-3505(3) Pathology in Sport Medicine
- PSYC-2101(3) Intro to Data Analysis or STAT-1301(3) Statistical Analysis I or STAT-1501(3) Elementary Biological Statistics
- PSYC-2102(3) Intro to Research Methods or SOC-2126(3) Introduction to Research Design and Qualitative Research

Required courses following acceptance in the Program:

- BUS-2755(3) Business Planning Basics
- KIN-3100(3) Professionalism in Applied Health
- KIN-3106(3) Exercise Physiology
- KIN-3107(3) Therapeutic Modalities in Sport Medicine
- KIN-3202(3) Musculoskeletal Support Techniques
- KIN-3301(3) Applied Human Anatomy
- KIN-3304(3) Advanced Resistance Training
- KIN-3305(3) Physical Activity: Promotion and Adherence
- KIN-3500(6) Athletic Therapy: Practicum I
- KIN-3501(3) Assessment of Upper and Lower Body Sport Injuries
- KIN-3502(3) Rehabilitation of Upper and Lower Body Sport Injuries
- KIN-3504(3) Sport First Responder
- KIN-3506(3) Soft Tissue Manual Therapy
- KIN-4106(3) Exercise Physiology in Chronic Disease
- KIN-4500(6) Athletic Therapy Practicum 2
- KIN-4501(3) Sports Injuries of the Spine
- KIN-4502(3) Drugs and Ergogenic Aids in Sport

REQUIREMENTS FOR AN HONOURS DEGREE IN KINESIOLOGY and APPLIED HEALTH

The Honours program gives students of demonstrated ability an opportunity to deal more extensively with the subject matter of Kinesiology. Honours courses generally have smaller enrolments and give more emphasis to research than do general courses. Honours students must consult with and identify an Honours Kinesiology and Applied Health supervisor prior to registration in the Honours program. Students can complete an Honours degree in the 4-year BKin degree.

ADMISSION REQUIREMENT

G.P.A. Requirement: Entry into the program after completing a minimum of 45 credit hours.
To graduate with a BKin Honours, students must have a minimum of 3.0 on all major (Kinesiology) courses which will be calculated on all course attempts in the major. A minimum of 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).

GRADUATION REQUIREMENT

120 credit hours

RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours
Honours: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

All general degree requirements must be completed for the BKin. Please refer to the specific degree stream listed in the calendar for additional information.

ADVISOR REQUIREMENT

After completion of a minimum of 45 credit hours interested students are instructed to contact the department Chair to apply to the honours program. Once approved students may contact the preferred faculty member (as an advisor) with their area of interest for the
thesis. Approval is required from a fulltime faculty member, who is interested in the area the student wishes to pursue and committed to the supervisor role for the duration of the degree.

**HONOURS REQUIREMENT**

Single Honours:
- Minimum 60 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:
- Must complete all required course for the BKin degree in addition to Honours required courses).

Honours Required Courses:
- KIN-3256 Honours Thesis I
- KIN-4256 Honours Thesis II
- KIN-4556 Honours Seminar in Kinesiology

**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**

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<th>Course Code</th>
<th>Course Title</th>
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<td>KIN-1200(3)</td>
<td>Principles of Coaching</td>
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<td>KIN/CLAS-2060(3)</td>
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<td>KIN-1302(3)</td>
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<td>KIN-1601(3)</td>
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<td>KIN-200(3)</td>
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<td>KIN-210(3)</td>
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<td>KIN-2102(3)</td>
<td>Pedagogical Theories and Models for Physical Activity and Sport</td>
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<td>KIN-2109(3)</td>
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<td>Issues in Health</td>
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<td>KIN/CLAS-2850(3)</td>
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<td>KIN-250(3)</td>
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<td>KIN-300(3)</td>
<td>Professionalism in Applied Health</td>
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<td>KIN-303(3)</td>
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<td>KIN-305(3)</td>
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<td>KIN-3208(3)</td>
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<td>KIN-3501(3)</td>
<td>Assessment of Upper and Lower Limb Sport Activities</td>
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<td>KIN-4601(3)</td>
<td>Nutrition for Sport Performance</td>
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**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