

# Bachelor of Science Honours Degree - Mathematics

Major 2: \_\_\_\_\_ Major 3: \_\_\_\_\_

Name: \_\_\_\_\_ Student #: \_\_\_\_\_ Major(s) Declared? Y N

Course number or name	Grade	Grade Points	Credit Hours
<b>Major Requirements:</b> Minimum 66 credit hours/maximum 72 credit hours in the Major subject. Minimum 30 credit hours of 3000 - 4000 level courses, of which a minimum of 12 credit hours must be at the 4000 level not including MATH-4402/3 or courses that are cross listed with Statistics:			
MATH-1101/6 <b>OR</b> MATH-1103/3 and MATH-1104/3			
MATH-1401/3			3
MATH-2105/3 and MATH-2106/3, <b>OR</b> MATH 2101/6			
MATH-1201/3 and MATH-2203/3, <b>OR</b> MATH 2201/6			
MATH-3101/6			6
MATH-3202/3			3
MATH-4101/3			3
MATH-4202/3			3
Minimum 30 credit hours, maximum 36 credit hours			
<b>Totals</b>			

## Check the Course Calendar!

Both the general degree requirements and the requirements associated with specific majors can be found in the Course Calendar on the University's website. (In particular, see Degree and Major Requirements). We suggest that you print the relevant information from the Calendar to use *in conjunction* with this worksheet. If there are any discrepancies, the Course Calendar on the website will be considered the authority.

## Notes:

- Admission requirement:** 60 credit hours previously completed towards a BA/BSc of which at least 21 credit hours are in Mathematics.
- Students must consult with the Department Advisor when planning their studies.
- Students who have not obtained a grade of at least C in MATH-1101/6 (or MATH-1103/3 and MATH-1104/3) are advised to not proceed in the Mathematics major
- Students intending to major in Mathematics are strongly advised to take MATH-1401/3 in their first year. It is a pre-requisite for most 2000 and 3000 level courses in Mathematics.
- Students are strongly advised to take MATH-2105/3 and MATH-2106/3 and MATH-2203/3 in their second year of studies.
- Students intending on going on to graduate studies should consult with the department advisor before choosing their second year courses.

## Notes/Comments

Major GPA (minimum 3.0): \_\_\_\_\_

Advisor: \_\_\_\_\_

Date: \_\_\_\_\_

Course name or number	Grade	Grade Points	Credit Hours
<b>Humanities Requirement (12 credit hours)</b>			
<b>Science Requirement (18 credit hours)</b>			
<b>Fulfilled by Major Courses</b>			
<b>Academic Writing Requirement</b>			
<b>General Electives</b>			
<b>Totals</b>			

**Total Credit Hours Completed:** \_\_\_\_\_ / 120  
**Non-Honours GPA (minimum 2.75):** \_\_\_\_\_

Notes/Comments:

Revised December 2011

The following Degree and Major Requirements can be found in the Course Calendar.

**Humanities Requirement:** ☐  
 Select a minimum of 12 credit hours from the following:  
**Aboriginal Languages** – ABOR-1101(6), ABOR-1201(6), IS-1101(6), IS-1201(6).  
**Classics** - All courses **except** CLAS-1100(3), CLAS-1101(3), CLAS-1200(3), and CLAS-1201(3).  
**East Asian Languages and Cultures** – All courses.  
**English** - All courses.  
**French Studies** - All courses **except** FREN-0002(3), FREN-2109(3), and FREN-3204(3).  
**German Studies** - All courses **except** the former GERM-1105(3), GERM-1106(3), and GERM-1301(6).  
**History** - All courses.  
**Italian Studies** – All courses.  
**Kinesiology –Only** KIN-4104(3)  
**Music - Only** MUS-2201(3), MUS-2202(3), MUS-2203(3), MUS-2204(3).  
**Philosophy** - All courses **except** PHIL-2302(6) and/or any Logic courses transferred from another institution.  
**Religious Studies** - All courses **except** REL-2001(6) and REL-2007(6).  
**Rhetoric, Writing, and 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), and RHET-2530(3).  
**Spanish Studies** – All courses.  
**Theatre & Film - Only** THFM-1002(6), THFM-1010(6), THFM-2201(3), THFM-2401(3), THFM-2402(3), THFM-2405(3), THFM-2410(3), THFM-2610(3), THFM-2611(3), THFM-2612(3), THFM-2701(3), THFM-2703(3), THFM-3401(3), THFM-3402(3), THFM-3502(3), THFM-3701(6), THFM-4134(3), THFM-4441(3),  
**Note:** HIST-2900(6) and MATH/PHIL-2901(3) can be used to fulfill either the Humanities requirement **or** the Science Requirement.

**Science Requirement:** ☒ **Fulfilled by Major Courses.**  
 Select a minimum of 18 credit hours from:  
**Anthropology – Only** ANTH-2300(3), ANTH-2304(3), ANTH-3207(3), ANTH-3302(3), ANTH-3306(3), ANTH-3308(3), 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), and ACS-2916(3).  
**Biology** - All courses.  
**Chemistry** - All courses **except** CHEM-0100(3).  
**Environment Studies-Only** ENV-1600(3), ENV-2603(3), ENV-2604(3).  
**Geography – Only** GEOG-1201(3), GEOG-1202(3), GEOG-2202(6), GEOG-2203(6), 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 3210(3).  
**History – Only** HIST-2900(6).  
**Kinesiology & Applied Health - Only** 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) and 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-2810(3), PSYC-2900(3), PSYC-2920(3).  
**Sociology-Only** SOC-2125(3).  
**Statistics** - All courses.  
**Note:** HIST-2900(6) and MATH/PHIL-2901(3) can be used to fulfill either the Humanities requirement **or** the Science Requirement.

**Academic Writing Requirement** ☐  
 All students must fulfill the university Academic Writing Requirement by course work or exemption prior to enrolling in their 42nd credit hour. See the Course Calendar for Placement or Exemption Criteria.

**Distribution Requirement** ☐  
 Students must complete at least 3 credit hours from at least 5 different departments.

**Restriction in Introductory Courses** ☐  
 No more than 42 credit hours below the 2000 level may be used for credit toward the degree. Of these, no more than 6 credit hours may be below the 1000 level.

**Residence Requirement** ☐  
 Minimum 30 credit hours must be taken at the U of W, a minimum 18 of which must be in the Major subject.

**Academic Performance Requirement** ☐  
 A 3.0 (B) Grade Point Average is required on those courses fulfilling the Major requirements (includes all repeats and failures) and a minimum 2.5 (C+) in all non-Honours courses used to fulfill the degree (120 credit hours.)