

**INTERDISCIPLINARY HEALTH SCIENCE. BIOLOGICAL SCIENCES (HONOURS)**

Student Name: \_\_\_\_\_

Student I.D. Number: \_\_\_\_\_ Year of Study: \_\_\_\_\_

**REQUIREMENTS: Forty (40) courses**

1. Six core Biological Sciences courses
2. Nine Biological Sciences courses → 3000 level or above
3. Five other Biological Sciences courses → 2000, 3000, or 4000 level
4. Eight other Science courses (BIOL, BIOM, BIOC, CHEM, MATH, STAT, PHYS, ESCI, COMP - see below)
5. Three IHSC courses
6. One course from Arts & Social Sciences
7. Eight courses from chosen IHS concentration\*

**NOTE:** Maximum of 14 courses at the 1000 level and at least 26 courses at the 2000 – 4000 level.**Minimum Requirements for Graduation**

GPA Cumulative Average 60%

Major Average 70%

**SUMMARY OF CREDITS/COURSES ATTAINED TOWARDS DEGREE\***

Biology Core	BIOL1101 BIOL2111	BIOL1111 BIOM2131	BIOL2101 BIOL3142	18** (6)
Biology 3000's or 4000's (note: BIO_____ refers to BIOL or BIOM courses)***	BIO_____ BIO_____ BIO_____*	BIO_____ BIO_____ BIO_____*	BIO_____ BIO_____ BIO_____	27 (9)
Biology 2000/3000/4000	BIO_____ BIO_____	BIO_____	BIO_____ BIO_____	15 (5)
Chemistry	CHEM1100 BIOC2010	CHEM1110	CHEM2300	12 (4)
Math & Statistics	STAT2910	MATH1720 <i>or</i>	MATH1760	6 (2)
ANY ONE PAIR FROM: Computer Science <i>or</i> Computer Science <i>or</i> Physics: Life Sciences <i>or</i> Physics: Majors <i>or</i> Earth & Envir. Science <i>or</i> Earth & Envir. Science	COMP1047 <i>or</i> COMP1400 PHYS1300 PHYS1400 ESCI1111 ESCI1130	COMP2067 <i>and</i>	COMP2057 <i>and</i> COMP1410 <i>and</i> PHYS1310 <i>and</i> PHYS1410 <i>and</i> ESCI1100 <i>and</i> ESCI2400	6 (2)
IHSC courses	IHSC1000	IHSC3000	IHSC4000	9 (3)
Arts/Languages & Social Science (ECONXXXX counts as Soc Sci)	_____			3 (1)
Eight courses from chosen concentration (see checklist)*	_____ _____	_____ _____	_____ _____	24 (8)

\* Note for courses that are listed both under the chosen concentration as well as degree requirements:

If the course belongs to the major (BIOL/BIOM in One Health), it will only count towards the major degree requirements, and you must choose another course to fulfill the concentration requirements. A course outside the major (e.g., STAT2910 in Biostatistics) will count towards both major and concentration requirements. A total of 40 courses is needed to graduate – additional courses may be required (any area of study).

**RECOMMENDED COURSE SEQUENCE**

**Year 1** → ten courses including:

**Fall Semester****Winter Semester**

Biological Science  
Chemistry  
Mathematics & Statistics

BIOL 1101  
CHEM 1100  
MATH 1720 or MATH1760)

BIOL 1111  
CHEM 1110  
STAT 2910

One pair of the following:

Physics: Life Sciences or  
Physics: Majors or  
Computer Science or  
Computer Science or  
Earth & Envir. Science or  
Earth & Envir. Science

PHYS 1300  
PHYS 1400  
COMP 1047 or COMP 2067  
COMP 1400  
ESCI 1100  
ESCI 1130

PHYS 1310  
PHYS 1410  
COMP 2057  
COMP 1410  
ESCI 1111  
ESCI 2400

Concentration (or Arts/Lang/Soc Sci), IHSC

IHSC1000

**Year 2** → ten courses including:

Biological Science

BIOL 2111

BIOM 2131

Chemistry & Biochemistry

BIOL 2101  
CHEM 2300

BIOC 2010

5 courses from:

Biological Science

BIOM 2021 BIOL 2040  
BIOL 2071

BIOM 2021 BIOL 2050 BIOL 2080  
BIOL 2480 BIOL 2071 BIOM 3070  
BIO\_\_\_\_\_

Concentration (or Arts/Lang/SocSci)

**Year 3 and Year 4** → twenty courses including:

Biological Science

BIOL 3142

19 courses from:

Biological or Biomedical Sciences (See UWinsite Student for current semester offerings)

BIOL 3022	BIOL 3201	BIOL 3212	BIOL 3230	BIOL 3241	BIOL 3250
BIOL 3261	BIOL 3281	BIOL 3291	BIOL 3571	BIOL 4008	BIOL 4208
BIOL 4408	BIOL 4508	BIOL 4212	BIOL 4220	BIOL 4241	BIOL 4252
BIOL 4262	BIOL 4270	BIOL 4280	BIOL 4450	BIOL 4481	BIOL 4570
BIOM 3070	BIOM 3400	BIOM 3500	BIOM 3530	BIOM 3540	BIOM 3560
BIOM 3750	BIOM 4008	BIOM 4440	BIOM 4510	BIOM 4530	BIOM 4540
BIOM 4550	BIOM 4560	BIOM 4590			

Ugrad Thesis: BIOL4904A\*/ BIOL4904B\* BIOM4904A\*/ BIOM4904B\*

IHSC IHSC3000 IHSC4000

Concentration (or Arts/Lang/SocSci)

NOTE: Only 1 Arts/Language/Social Science course is required in the program. 8 courses from the concentration must be completed. Students are strongly encouraged to seek regular academic advising for course planning.

\*BIOL4904 or BIOM4904 thesis course (2 semesters) available to students with Honours GPA and supervisor.