

**BIOLOGICAL SCIENCES DEGREE (HONOURS) - WITH/WITHOUT THESIS**

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. Fourteen other Science courses (BIOL, BIOM, BIOC, CHEM, MATH, STAT, PHYS, ESCI, COMP)
5. Four courses from Arts & Social Sciences (at least one from each of Arts & Social Sciences)
6. Two additional courses from any area

**NOTE:** Maximum of 14 courses at the 1000 level and at least 26 courses at the 2000 – 4000 level.  
Minimum 30 units (10 courses) taken at UWindsor in BIOL/BIOM at or above the 2000 level.

**Minimum Requirements for Graduation**

Honours Biology (without Thesis): GPA Cumulative Average 60% Major Average 70%  
Honours Biology (with Thesis)\*: 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)
Six other Science Courses, at least <u>two 3XXX/4XXX</u> (Excludes ECONXXXX)	_____ _____	_____ _____	_____ _____	18 (6)
Arts/Languages & Social Science (at least 1 of each) (ECONXXXX counts as Soc Sci)	_____ _____	_____ _____	_____ _____	12 (4)
Any area of study	_____ _____	_____ _____	_____ _____	6 (2)

\*BIOL4904 or BIOM4904 (2 semesters) required for "with Thesis"; pre-requisite 70% Major GPA &amp; 60% Cumulative GPA

\*\*credits shown (numbers in brackets indicate courses)

\*\*\* Note: BIOM 3750 counts only as Science or Any area of study course, not BIOL/BIOM.

**RECOMMENDED COURSE SEQUENCE**

**Fall Semester**

**Winter Semester**

**Year 1** → ten courses including:

Biological Science	BIOL 1101	BIOL 1111
Chemistry	CHEM 1100	CHEM 1110
Mathematics & Statistics	MATH 1720 or MATH1760)	STAT 2910

One pair of the following:

Physics: Life Sciences or	PHYS 1300	PHYS 1310
Physics: Majors or	PHYS 1400	PHYS 1410
Computer Science or	COMP 1047 or COMP 2067	COMP 2057
Computer Science or	COMP 1400	COMP 1410
Earth & Envir. Science or	ESCI 1100	ESCI 1111
Earth & Envir. Science	ESCI 1130	ESCI 2400

1-2 courses from Arts/Soc Sci &/  
or Any Area of Study

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**Year 2** → ten courses including:

Biological Science	BIOL 2111	BIOM 2131
	BIOL 2101	
Chemistry & Biochemistry	CHEM 2300	BIOC 2010

5 courses from:

Biological Science	BIOM 2021	BIOL 2040	BIOM 2021	BIOL 2050	BIOL 2080
	BIOL 2071		BIOL 2480	BIOL 2071	BIOM 3070
			BIO_____		
Arts/Soc Sci &/or Any Area of Study	_____	_____	_____	_____	_____

**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			
Other Bio courses:	BIO _____	BIO _____	BIO _____	BIO _____	BIO _____
Ugrad Thesis:	BIOL4904A*/	BIOL4904B*	BIOM4904A*/	BIOM4904B*	
Additional Science courses (at least 2 at 3000/4000 level)					
_____	_____	_____	_____	_____	_____
Arts & Social Science &/or Any area of study			_____	_____	

\*BIOL4904 or BIOM4904 (2 semesters) required for “with Thesis”; pre-requisite 70% Major GPA & 60% Cumulative GPA

\*\*If space available (2 semesters)

Note: Obtaining a biochemistry or chemistry minor is possible if proper options are taken in addition to BIOC/CHEM courses taken in this program. (see Undergrad Calendar).