

Biology

Concentrated Honours (120 Credit Hours)

Student Name _____ B00 _____

Each specified course or blank space on this form represents 3 credit hours.

Revised Sept 2023

First Year 30 credit hours

"First Year" courses are required for the degree, but not necessarily in the first year.

- | | | | |
|---|---|------------------------------|--|
| <input type="checkbox"/> BIOL 1010 or BIOL 1020 (C ¹) | <input type="checkbox"/> BIOL 1011 or BIOL 1021 (C ¹) | Life/Physical Sciences | |
| <input type="checkbox"/> CHEM 1011 ² | <input type="checkbox"/> CHEM 1012 ² | Life/Physical Sciences | |
| <input type="checkbox"/> MATH/STAT 1060 ³ | <input type="checkbox"/> _____ | Math | |
| _____ | _____ | Lang/Humanities ⁵ | <input type="checkbox"/> WC ⁴ |
| _____ | _____ | Social Sciences ⁵ | <input type="checkbox"/> WC ⁴ |

- ¹Minimum grade required to take 2nd year BIOL courses. Some 2nd year courses may be taken if C is not earned in both introductory courses.
- ²Recommended (but not prerequisites) for BIOL 2020 (Cell Biology) and BIOL 2030 (Genetics and Molecular Biology).
- ³MATH/STAT 1060 (or STAA 2000; Ag Campus) is a prerequisite for BIOL 2060 (Introductory Ecology), and comprises 3 of the 6 credit hours required in math.
- ⁴Writing Course; For BSc students, SCIE 1111 can satisfy the writing course requirement (but not a subject grouping) with 3 credit hours. Otherwise, 6 credit hours are required, and may be used to satisfy one of the subject groupings.
- ⁵For a BA, students satisfy each of these requirements in single subjects and no more than 18 credit hours may be in a single subject in the first year.

Subsequent Years 90 additional credit hours

At least 72 cr hrs must be above the 1000 level; 54 cr hrs of 2000+ level BIOL, with at least 18 cr hrs at 3000+ level BIOL

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|---|---|--|
| <input type="checkbox"/> BIOL 2020 (Cell Biology) | <input type="checkbox"/> BIOL 2003 (Animal Diversity) | <ul style="list-style-type: none"> • A minimum cGPA of 3.3 in core Biology courses is required. • A maximum of two of these courses may be repeated once to achieve this requirement. • Core BIOL courses include these six 2nd year courses and either BIOL 3078/79 OR BIOL 3050 OR BIOL 3371. • A minimum cGPA of 3.0, with no grade less than C, is required across all courses in the Honours subject. |
| <input type="checkbox"/> BIOL 2030 (Genetics and Molecular Biology) | <input type="checkbox"/> BIOL 2004 (Diversity of Plants and Microorganisms) | |
| <input type="checkbox"/> BIOL 2040 (Evolution) | <input type="checkbox"/> BIOL 2060 (Introductory Ecology) | |
| <input type="checkbox"/> BIOL 3078 (Animal Physiology I) | <input type="checkbox"/> BIOL 3079 (Animal Physiology II) | |
| OR | _____ | |
| <input type="checkbox"/> BIOL 3050 (Developmental Biology) | _____ | |
| OR | _____ | |
| <input type="checkbox"/> BIOL 3371 (Lab. Comp. Anim. Physiol.) | _____ | |
| _____ | _____ | |
| _____ | _____ | |
| _____ | _____ | |
| <input type="checkbox"/> BIOL 4901 (Honours Thesis) | <input type="checkbox"/> BIOL 4902 (Honours Thesis) | |

Electives

- Any subject including BIOL
 - _____
 - _____
 - _____
 - Any subject excluding BIOL
 - _____
 - _____
 - _____
- To add a minor to your degree, take a minimum of 18 credit hours at the 2000+ level in the minor subject, to a maximum of 27 credit hours for FASS subjects and 36 credit hours for FoS subjects. Specific courses may be required, depending on the subject.