

# Biology

## Combined Honours (120 Credit Hours)

Student Name \_\_\_\_\_ B00 \_\_\_\_\_

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

Revised Sept 2020

### First Year 30 credit hours

"First Year" courses are required for the degree, but not necessarily in the first year. Some may be deferred if they are not prerequisites for subsequent courses.

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

- <sup>1</sup>Minimum grade required to take 2<sup>nd</sup> year BIOL courses. Some 2<sup>nd</sup> year courses may be taken if C is not earned in both introductory courses.
- <sup>2</sup>Recommended (but not prerequisites) for BIOL 2020 (Cell Biology) and BIOL 2030 (Genetics and Molecular Biology).
- <sup>3</sup>MATH/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.
- <sup>4</sup>Writing 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.
- <sup>5</sup>For 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 credit hours must be above the 1000 level; Maximum of 84 credit hours between 2 Honours subjects

#### Primary subject – Biology (min. 36, max. 54 credit hours)

- |                                                                     |                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> BIOL 2020 (Cell Biology)                   | <input type="checkbox"/> BIOL 2003 (Animal Diversity)                       | <ul style="list-style-type: none"> <li>• A minimum cGPA of 3.3 in core Biology courses is required.</li> <li>• A maximum of two of these courses may be repeated once to achieve this requirement.</li> <li>• <b>Core BIOL courses</b> include these six 2<sup>nd</sup> year courses and either BIOL 3078/79 <b>OR</b> BIOL 3050.</li> <li>• A minimum of 18 cr hrs of BIOL at the 3000+ level is required.</li> </ul> |
| <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)                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>OR</b>                                                           | _____                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input type="checkbox"/> BIOL 3050 (Developmental Biology)          | _____                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |
- \_\_\_\_\_
- BIOL 4901 (Honours Thesis)       BIOL 4902 (Honours Thesis)

#### Secondary subject (min. 30 credit hours)

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- A minimum cGPA of 3.0, with no grade less than C, is required across all courses in the Honours subjects.

#### Electives (24 credit hours)

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- A minimum of 6 cr hrs must be outside the two Honours subjects.
  - To add a minor to your degree, take a minimum of 18 credit hours at the 2000+ level in the minor subject.