

# Marine Biology

## Combined Honours (120 Credit Hours)

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

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

Revised Sept 2019

### 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 1000 or 1215 or 1030                | <input type="checkbox"/> MATH/STAT 1060 <sup>3</sup>              | 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

Maximum of 84 credit hours between 2 Honours subjects; At least 72 credit hours must be above the 1000 level

#### Primary subject – Marine Biology (min. 36, max. 54 credit hours in MARI/BIOL)

- |   |   |
|---|---|
| <input type="checkbox"/> BIOL 2020 (Cell Biology)   | <input type="checkbox"/> BIOL 2003 (Animal Diversity)                       |
| <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/MARI 3761: Marine Biology <b>OR</b> BIOL/MARI 3101: Microbial Ecology |   |

A minimum GPA of 3.3 in these six 2<sup>nd</sup> year courses and either BIOL/MARI 3761 **or** BIOL/MARI 3101 is required.

A maximum of two of these courses may be repeated once to achieve this requirement.

9 additional cr hrs must be selected from the following: BIOL/MARI 3042; 3063; 3067 or 3080; 3074; 3076; 3101; 3221; 3301; 3600 or 3602; 3761; 3626 or 3090 or 4060; 4350; 4665; any two MARI SEASIDE; any two OCEA/MARI

- |   |   |
|---|---|
| <input type="checkbox"/> MARI 4901 (Honours Thesis) | <input type="checkbox"/> MARI 4902 (Honours Thesis) |
|---|---|

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

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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

#### Electives (24 credit hours)

_____	_____
_____	_____
_____	_____
_____	_____

OCEA 2001/2 and STAT 2080 are recommended.

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.