

Marine Biology

Concentrated 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.

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|---|---|------------------------------|--|
| <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 1000 or 1215 or 1030 | <input type="checkbox"/> MATH/STAT 1060 ³ | 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 credit hours must be above the 1000 level

BIOL and MARI courses

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|---|---|
| <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 Ecology OR BIOL/MARI 3101: Microbial Ecology | |

A minimum GPA of 3.3 in these six 2nd 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.

15 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

An additional 12 cr hrs in 3000/4000 level MARI or MARI-equivalent courses.

- | | |
|---|---|
| <input type="checkbox"/> MARI 4901 (Honours Thesis) | <input type="checkbox"/> MARI 4902 (Honours Thesis) |
| <input type="checkbox"/> OCEA 2001 | <input type="checkbox"/> OCEA 2002 |
| <input type="checkbox"/> STAT 2080 | |

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

- Additional required courses

Electives

Up to 12 cr hrs in MARI/BIOL, but a minimum of 15 cr hrs must be outside the honours subject.

To add a minor to your degree, take a minimum of 18 credit hours at the 2000+ level in the minor subject.