## Bachelor of Science in Marine and Conservation Biology

### Degree Requirements

<table>
<thead>
<tr>
<th>Credits: minimum of 180 credits</th>
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</thead>
<tbody>
<tr>
<td>Credits in major: 113</td>
</tr>
<tr>
<td>GPA cumulative minimum: 2.0</td>
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<tr>
<td>GPA major minimum: 2.0</td>
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</tbody>
</table>

### Curriculum Notes

- In prerequisite courses, grades of at least C are required in biology courses.
- Assumes placement into MATH 1230 by SAT/ACT/PSAT math placement exam or college credit; also assumes trigonometry (MATH 1022) not needed due to placement exam or college credit*.
- Blakely Island Field Station (BIFS, offered in summer) courses vary each year and may include: BIOL 2360, 2530, 2600, 3660, 3890, 4600, 4620, and 4640.
- BIOL electives must include one plant course (either BIOL 2520, 2530, or 3850) among the following electives:
  - Choose one: BIOL 2350 Invert Zool., BIOL 2360 Marine Invert Zool., BIOL 2520 Plant Systematics, or BIOL 2530 Marine Botany
  - Choose one: BIOL 3660 Conservation Bio., BIOL 4620 Marine Ecology, BIOL 4630 Forest Ecology, BIOL 4640 Aquatic Ecology, or BIOL 4660 Tropical Ecology
- The Natural Science elective may include any of the following courses: BIOL 2200 or above, CHEM 2000 or above, PHYS 2000 or above, ENSC 3000 or above.
- The Social Sciences/Humanities elective may include any of these courses: EVST 3500, HIST 3510, PLSC 3000, or other marine- or conservation-related humanities or social sciences courses.
- For information about Study Abroad options for the MCON degree, refer to the Biology Department website. [http://www.seattleu.edu/scieng/biology/](http://www.seattleu.edu/scieng/biology/)

* Indicates prerequisite required for course
^ Indicates co-requisite required for course

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### Typical 4 Year Program of Study

#### 2019-2020

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COURSE</strong></td>
<td><strong>CREDITS</strong></td>
<td><strong>COURSE</strong></td>
</tr>
<tr>
<td>BIOL 1610/1611 Bio I: Molec. &amp; Cell / Lab</td>
<td>4+1</td>
<td>BIOL 1620/1621 Bio II: Evolution &amp; Ecology/Lab</td>
</tr>
<tr>
<td>CHEM 1500/1501 General Chemistry I / Lab</td>
<td>4+1</td>
<td>CHEM 1510/1511 General Chemistry II / Lab</td>
</tr>
<tr>
<td>UCOR 1XXX University Core</td>
<td>5</td>
<td>UCOR 1XXX University Core</td>
</tr>
</tbody>
</table>

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<tr>
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<td><strong>COURSE</strong></td>
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<td><strong>COURSE</strong></td>
</tr>
<tr>
<td>BIOL 2600 Fundamentals of Ecology</td>
<td>5</td>
<td>BIOL 2700 Genomics</td>
</tr>
<tr>
<td>MATH 1210 Statistics for Life Sciences</td>
<td>5</td>
<td>MATH 1230 Calc for Life Sciences (‘MATH 1022 if needed)*</td>
</tr>
<tr>
<td>UCOR 1XXX University Core</td>
<td>5</td>
<td>UCOR 2XXX University Core</td>
</tr>
<tr>
<td>BIOL 3500 Evolution</td>
<td>5</td>
<td>Summer at BIFS: BIOL elective</td>
</tr>
</tbody>
</table>

* Indicates prerequisite required for course
^ Indicates co-requisite required for course

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### Core Module I Requirements

- UCOR 1100 Academic Writing Seminar
- UCOR 2100 Theological Explorations
- UCOR 3100 Religion in a Global Context
- UCOR 1200 Quantitative Reasoning – satisfied in major
- UCOR 2500 Philosophy of the Human Person
- UCOR 3400 Humanities & Global Challenges
- UCOR 1300 Creative Expression and Interpretation
- UCOR 2900-2940 Ethical Reasoning
- UCOR 3600 Social Sciences & Global Challenges
- UCOR 1400 Inquiry Seminar in the Humanities
- UCOR 1600 Inquiry Seminar in the Social Sciences
- UCOR 1800 Inquiry Seminar Natural Sci. – satisfied in major

### Core Module II Requirements

- UCOR 2200 Social Science & Social Analysis
- UCOR 2300 History & Historical Thinking
- UCOR 3200 Ethics & Ethical Thinking
- UCOR 3300 Science & Scientific Thinking
- UCOR 3400 Humanities & Global Challenges
- UCOR 3500 Literature & Literary Thinking
- UCOR 3600 Social Sciences & Global Challenges
- UCOR 3700 Art & Aesthetic Thinking
- UCOR 3800 Philosophy & Philosophical Thinking
- UCOR 3900 Political Science & Political Thinking

### Core Module III Requirements

- UCOR 4100 Positive Thinking
- UCOR 4200 Critical Thinking
- UCOR 4300 Creative & Innovative Thinking
- UCOR 4400 Self Knowledge & Self-Reflection
- UCOR 4500 Personal Responsibility
- UCOR 4600 Cultural & Historical Understanding
- UCOR 4700 Economic & Social Understanding
- UCOR 4800 Scientific & Technical Understanding
- UCOR 4900 Global & International Understanding

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Science and Engineering Advising Center
206.296.2500, Engineering 300
8:30am – 4:30pm Monday - Friday
[http://www.seattleu.edu/scieng/advise/](http://www.seattleu.edu/scieng/advise/)

This is a sample plan that is subject to change. Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.

Updated 9/18/2019