# Bachelor of Science in Marine and Conservation Biology

## Credits
- **Credits**: minimum of 180 credits
- **Credits in major**: 113
- **GPA cumulative minimum**: 2.0
- **GPA major minimum**: 2.0

## DEGREE REQUIREMENTS
- In prerequisite courses, grades of at least C are required in biology courses
- Assumes placement into MATH 1230 by SAT/ACT/SU 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: BIOC 2360, 2530, 2600, 3660, 3890, 4600, 4620, and 4640.
- BIOL electives must include one plant course (either BIOC 2520, 2530, or 3850) among the following electives:
  - Choose one: BIOC 2350 Invert Zool., BIOC 2360 Marine Invert Zool., BIOC 2520 Plant Systematics, or BIOC 2530 Marine Botany
  - Choose one: BIOC 3250 Vert. Comp. Anat., or BIOC 3300 Devel.
  - BIOL 3800 Anim. Behav., or BIOL 3820 Neurobio.
- UCOR 1200 Quantitative Reasoning
- UCOR 1200 Ethical Reasoning
- UCOR 1200 Theological Explorations

## Typical 4 Year Program of Study

### FRESHMAN

**FALL**
- **COURSE**
  - "BIOL 1610 + '1611 Biol I: Molecular and Cellular + Lab
  - "CHEM 1500 + '1501 General Chemistry I + Lab
  - UCOR 1XXX University Core
- **CREDITS**
  - 4+1
  - 4+1
  - 5

**WINTER**
- **COURSE**
  - "BIOL 1620 + '1621 Biol II: Evolution and Ecology + Lab
  - "CHEM 1510 + '1511 General Chemistry II + Lab
  - UCOR 1XXX University Core
- **CREDITS**
  - 4+1
  - 4+2
  - 5

**SPRING**
- **COURSE**
  - "BIOL 1630 + '1631 Biol III: Physiology and Dev't + Lab
  - UCOR 1XXX University Core
- **CREDITS**
  - 4+1
  - 5

### SOPHOMORE

**FALL**
- **COURSE**
  - "BIOL 2600 Ecology
  - MATH 1210 Statistics for Life Sciences
  - UCOR 1XXX University Core
- **CREDITS**
  - 5
  - 5
  - 5

**WINTER**
- **COURSE**
  - UCOR 1XXX University Core
- **CREDITS**
  - 5

**SPRING**
- **COURSE**
  - "BIOL 2700 Genetics
  - UCOR 1XXX University Core
- **CREDITS**
  - 5
  - 5

### JUNIOR

**FALL**
- **COURSE**
  - "BIOL Elective
  - UCOR 2XXX University Core
- **CREDITS**
  - 5
  - 5

**SPRING**
- **COURSE**
  - "BIOL Elective
  - Social Sciences/Humanities Elective
- **CREDITS**
  - 5
  - 5

### SENIOR

**FALL**
- **COURSE**
  - "BIOL 4991 Senior Synthesis I
  - "PHYS 1050 + '1051 Mechanics + Lab
  - UCOR 3XXX University Core
  - General elective
- **CREDITS**
  - 2
  - 4+1
  - 5
  - 5

**WINTER**
- **COURSE**
  - "BIOL 4992 Senior Synthesis II
  - "PHYS 1060 + '1061 Waves, Sound, Elect., & Magnetism + Lab
  - UCOR 3XXX University Core
- **CREDITS**
  - 2
  - 4+1
  - 5

**SPRING**
- **COURSE**
  - "BIOL 4993 Senior Synthesis III + "PHYS 1070 + '1071 Thermo, Optics, & Mod Phys + Lab
  - UCOR 3XXX University Core
- **CREDITS**
  - 1+1
  - 4+1

### CORE MODULE I REQUIREMENTS
- UCOR 1100 Academic Writing Seminar
- UCOR 2100 Theological Explorations
- UCOR 3100 Religion in a Global Context

### CORE MODULE II REQUIREMENTS
- UCOR 1200 Quantitative Reasoning – satisfied in major
- UCOR 2500 Philosophy of the Human Person
- UCOR 3400 Humanities & Global Challenges

### CORE MODULE III REQUIREMENTS
- UCOR 1300 Creative Expression and Interpretation
- UCOR 2900-2940 Ethical Reasoning
- UCOR 3600 Social Sciences & Global Challenges

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**For complete information on courses, pre-requisites, etc., use this information in conjunction with the online Catalog (http://catalog.seattleu.edu/) for the current year. The example below assumes you have completed no degree requirements. Your personal program of study may vary from this due to prior educational experience or individual goals.**

* Indicates prerequisite required for course 
+ Indicates co-requisite required for course.

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SEATTLEU COLLEGE OF SCIENCE AND ENGINEERING

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

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.

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