Biology

Bachelor of Science in Marine and Conservation Biology

4 YEAR TYPICAL PROGRAM OF STUDY

2013-2014

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 180 credits **Credits in major:** 110 **GPA cumulative minimum**: 2.0 **GPA major minimum:** 2.0	• Grades of at least C- are required in prerequisite science courses. Some courses may be offered in additional quarters; refer to current schedules. • Assumes placement into MATH 131 by SAT/ACT/SU math placement exam or college credit; students not placing into MATH 131 will need to take MATH 120 as an elective; also assumes trigonometry (MATH 121) not needed due to placement exam or college credit. • Blakely Island Field Station (BIFS – summer after soph year) courses include: BIOL 389 Environ Physiol, BIOL 472 Marine Ecol, and BIOL 474 Aquatic Ecol • Study Abroad will occur at a foreign site during winter and spring quarters of junior year. • BIOL electives must include: • 1) Choose one: BIOL 240 Genetics or BIOL 320 Evolution • 2) Choose one: BIOL 275 Marine Biology or BIOL 276 Conservation Biology • 3) Choose one: BIOL 235 Invert Zool, BIOL 236 Marine Invert Zool, BIOL 252 Taxon - Flower Plants, BIOL 253 Marine Botany, or BIOL 325 Comp Anat of Vert • 4) Choose one: BIOL 310 Develop. Biol, BIOL 335 Neurobiol, BIOL 385 Plant Physiology, BIOL 388 Animal Physiology, or BIOL 389 Environmental Physiology • 5) Choose one: BIOL 380 Animal Behavior, BIOL 472 Marine Ecology, BIOL 474 Aquatic Ecology or BIOL 476 Tropical Ecology **For complete information on courses, prerequisites, etc, use this information in conjunction with the online Catalog (http://catalog.seattleu.edu/) for the current year.**

This example assumes you have completed no degree requirements. Your personal program may vary from this due to prior educational experience or individual goals.

	FALL		WINTER		SPRING	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
FRESHMAN	BIOL 161+171 Bio I: Molecular & Cellular + Lab	4+1	BIOL 162+172 Bio II: Evolution & Ecology + Lab	4+1	BIOL 163+173 Bio III: Physiology & Dev't + Lab	4+1
	CHEM 121+131 General Chemistry I + Lab	4+1	CHEM 122+132 General Chemistry II + Lab	4+1	CHEM 123+133 General Chemistry III + Lab	4+1
	UCOR 1XXX	5	UCOR 1XXX	5	UCOR 1XXX	5
SOPHOMORE	BIOL 270 Fundamentals of Ecology	5	BIOL elective	5	BIOL elective	5
	CHEM 255+265 Found. Organic Chem I + Lab	4+2	CHEM 256+266 Found. Organic Chem II + Lab	4+2	MATH 131 Calculus for Life Sciences	5
	UCOR 1XXX	5	UCOR 2XXX	5	UCOR 2XXX	5
					Summer at BIFS: BIOL elective	5
JUNIOR	BIOL elective	5	~~~~~~~~~~ ***STUDY*** ~~~~~~~~~~		~~~~~~~~~~ ***ABROAD*** ~~~~~~~~~~	
	MATH 141 Statistics for Life Sciences	5	BIOL elective	5	BIOL elective	5
	UCOR 2XXX	5	*General elective*	5	*General elective*	5
SENIOR	BIOL 487 Biology Senior Synthesis: Indep. Exp.	2	BIOL elective	5	BIOL 488 Biology Senior Synthesis Seminar	1
	PHYS 105 Mechanics	5	PHYS 106 Waves, Sound, Electricity, and Magnetism	5	PHYS 107 Thermo, Optics, and Modern Physics	5
	UCOR 3XXX	5	UCOR 3XXX	5	UCOR 3XXX	5
	General elective	5			*General elective*	5

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS	SCHOOL/COLLEGE CORE REQUIREMENTS
UCOR 1100 Academic Writing Seminar	UCOR 2100 Theological Explorations	UCOR 3100 Religion in a Global Context	*No additional requirements*
UCOR 1200 Quantitative Reasoning- ***satisfied by major req't***	UCOR 2500 Philosophy of the Human Person	UCOR 3400-3440 Humanities Global Challenge	
UCOR 1300 Creative Expression and Interpretation	UCOR 2900-2940 Ethical Reasoning	UCOR 3600-3640 Social Sciences Global Challenge	
UCOR 1400-1440 Inquiry Seminar in the Humanities			
UCOR 1600-1640 Inquiry Seminar in the Social Sciences			
UCOR 1800-1840 Inq Sem in Natural Sciences- ***sat by maj. req't***			

COLLEGE OF SCIENCE & ENGINEERING

Biology Department
Bannan 150

Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.