

Biology - Coastal Ecology

Classes in **bold** should be taken as prescribed to remain on track.

Classes in *italics* are offered only in certain years

✓	Course	Title	Cr-hr	✓	Course	Title	Cr-hr		
Fall Semester - Year 1				Spring Semester - Year 1					
✓	CHEM 1211	Principles of Chemistry I	3	✓	CHEM 1212	Principles of Chemistry II	3		
✓	CHEM 1211L	Principles of Chemistry lab I	1	✓	CHEM 1212L	Principles of Chemistry lab II	1		
✓	MATH 1111	College Algebra	3	✓	MATH 1112	Trigonometry	3		
✓	ENGL 1101	English Composition I	3	✓	ENGL 1102	English Composition II	3		
✓	BIOL 1108	Principles of Biology I	3	✓	BIOL 1107	Principles of Biology I	3		
✓	BIOL 1108L	Principles of Biology lab II	1	✓	BIOL 1107L	Principles of Biology lab I	1		
✓	GLOB 1001	Global Issues	1	✓	HIST 211X	US History	3		
			Total	15				Total	17
If taking MATH 1113 in Fall Semester Year 1, MATH 1112 is not needed in Spring Semester Year 1 but 2 additional hours of free electives will be needed									
Milestones				Milestones					
				Complete Area A					
				Achieve sophomore status (30+ credit hours)					

✓	Fall Semester - Year 2			✓	Spring Semester - Year 2				
✓	CHEM 2211	Organic Chemistry I	3	✓	BIOL 3220	Botany	4		
✓	CHEM 2211L	Organic Chemistry lab I	1	✓	BIOL 3300	Ecology	4		
✓	BIOL 3270	Zoology	4	✓	MATH 1401	Elementary Statistics	3		
✓	MATH 1121	Calculus	4	✓	POLS 1101	Political Science	3		
✓	BIOL 2440	Cell and Molecular Biology	4	✓					
			Total	16				Total	14
Milestones				Milestones					
				Complete Area F					
				Achieve junior status (60+ credit hours)					

✓	Fall Semester - Year 3 (even)			✓	Spring Semester - Year 3 (odd)				
✓	Biology Elective	see list	4	✓	CORE elective	Area E	3		
✓	BIOL 3060	Aquatic Biology	4	✓	BIOL 4110	Genetics	4		
✓	CORE elective	Area B	3	✓	BIOL 4500	Introduction to Biological Research	3		
✓	BIOL 3400** or Biology elective	Plant Anatomy and Physiology** or Biology elective	4	✓	BIOL 3450** or Biology elective	Comparative Animal Physiology** or Biology elective	4		
			Total	15				Total	14
**If choosing plant specialization, replace BIOL 3450 with Biology elective. If choosing animal specialization, replace BIOL 3400 with Biology elective.									
Milestones				Milestones					
				Achieve senior status (90+ credit hours)					

✓	Fall Semester - Year 4 (odd)			✓	Spring Semester - Year 4 (even)				
✓	ENGL 211X	Literature	3	✓	BIOL 4950	Senior Seminar	1		
✓	BIOL 4020	Conservation Biology	4	✓	Biology Elective	see list	3		
✓	CORE elective	Area E	3	✓	Free elective	Free elective	3		
✓	Biology elective	see list	3	✓	Free elective	Free elective	3		
✓	Free elective*	Free elective*	2	✓	WELL 111X	Wellness	3		
			Total	13				Total	16
2 additional hours of free electives needed if MATH 1113 was taken in Year 1									
Milestones				Milestones					
Apply for graduation				Degree requirements complete: Earned BS in Biology					
Apply for graduate programs									

TRACK TOTAL 120

Credit hours listed for electives are minimum credit hours required. Credit hours may exceed minimum requirements.

Student must have 39 hours of 3XXX-4XXX level coursework overall