

MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS BIOLOGY**

Option: **MARINE BIOLOGY**

Major Field Requirements: **47.0 credits**

Other Requirements: **31.0 - 39.0 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

Course No.	Short Title	C.H.	Grade	Course No.	Short Title	C.H.	Grade
REQUIRED BIOLOGY COURSES (26.0 credits)				REQUIRED RELATED (31.0 - 39.0 credits)			
BIOL 211	Concepts of Zoology	4.0	___				
BIOL 221	Concepts of Botany	4.0	___				
BIOL 241	Principles of Ecology	3.0	___				
BIOL 263	Cell Biology	4.0	___				
BIOL 291	Marine Biology	4.0	___				
BIOL 365	Genetics	3.0	___				
BIOL 472	Seminar in Biology	1.0	___				
BIOL 375	Biometry	3.0	___				
REQUIRED MARINE BIOLOGY ELECTIVES (21.0 credits)							
Required Electives (choose 4 courses; 12-14 credits)							
Must include 3 courses at a marine field station. A marine thesis may count as one of these three.							
BIOL 295	Marine Inverts	3.0	___				
BIOL 296	Marine Ecology	3.0	___				
BIOL 326	Lower Plants	3.0	___				
BIOL 396	Marine Ichty	3.0	___				
BIOL 397	Marine Botany	3.0	___				
BIOL 447	Chesapeake Bay	3.0	___				
BIOL 471	Topics	3.0	___				
(Topics: Adv Mthds Coastl Ecology, Biol Mollusks, Coral Reef Ecology, Ecol of Marine Plankton, Marine Mammals, Marine Ornithology)							
BIOL 485	Animal Behav or BIOL 471-Behav Ecol	3.0	___				
BIOL 495	Biol Oceanography	3.0	___				
In consultation with your advisor, you may count other marine biology courses, including independent study or thesis credits, in this block.							
Other Electives (7.0-9.0 credits)							
In consultation with you advisor, choose among (BIOL 242 or #>300) to bring total major field requirements to 46 credits.							
BIOL	_____	___	___				
BIOL	_____	___	___				
BIOL	_____	___	___				
BIOL	_____	___	___				
Mathematics (4.0 - 5.0 credits)							
MATH 161	Calculus I	4.0	___				
-or- - or -							
MATH 163	Honors Calculus	5.0	___				
Physics (8.0-10.0 credits)							
PHYS 131	Physics I with Algebra	4.0	___				
PHYS 132	Physics II with Algebra	4.0	___				
-or- -or-							
PHYS 231	Physics I with Calculus	5.0	___				
PHYS 232	Physics II with Calculus	5.0	___				
Note: Students are encouraged to consider completing a minor in oceanography.							
General Electives (as necessary)							
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