

Bachelor of Science

Biology with a Major in Marine Biology (BS)

Degree Program Guide

The Degree Program Guide is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.

Course	Title	Credit Hours
Freshman		
First Semester		
ENGL 110C	English Composition (Grade of C or better required)	3
MATH 163	Precalculus II	3
CHEM 121N and CHEM 122N		4
BIOL 121N & BIOL 122N		4
Credit Hours		14
Second Semester		
ENGL 211C or ENGL 231C	Writing, Rhetoric, and Research (Grade of C or better required) or Writing, Rhetoric, and Research: Special Topics	3
MATH 205 or MATH 211	Calculus for Life Sciences or Calculus I	3-4
CHEM 123N and CHEM 124N		4
BIOL 123N & BIOL 124N		4
Credit Hours		14-15
Sophomore		
First Semester		
BIOL 291	Ecology	3
BIOL 293	Cell Biology	3
CHEM 211	Organic Chemistry I Lecture	3
PHYS 111N	Introductory General Physics	4
Information Literacy and Research (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#information) (CS 121G, CS 126G, OEAS 130G, or HLTH 120G recommended)		3
Credit Hours		16
Second Semester		
Human Behavior		3
Philosophy and Ethics		3
OEAS 111N or OEAS 110N	Physical Geology or Earth Science	4
BIOL 292	Evolution	3
BIOL 294	Genetics	3
Credit Hours		16
Junior		
First Semester		
BIOL 331	Marine Biology	3
Oral Communication		3

Literature		3
300/400-level Marine Biology Elective		3
Human Creativity		3
Elective or Language and Culture I (May be waived, see requirement details)		0-3
Credit Hours		15-18
Second Semester		
STAT 130M or STAT 310	Elementary Statistics or Introductory Data Analysis	3
OEAS 306	Oceanography	3
300/400-level Marine Biology Elective		3
Interpreting the Past		3
Impact of Technology		3
Elective or Language and Culture II (May be waived, see requirement details)		0-3
Credit Hours		15-18
Senior		
First Semester		
Biology Writing Intensive (W) course (C or better required)		3
300/400-level Biology Elective		4
Elective		3
Minor or Elective		3
Upper-Division General Education course or Minor		3
Credit Hours		16
Second Semester		
Upper-Division General Education course or Minor		3
Minor or Elective		3
Minor or Elective		2
Elective		6
Credit Hours		14
Total Credit Hours		120-127