

2018 - 2019 Old Dominion University Catalog

Bachelor of Science in Biology -Marine Biology Concentration

Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed. Consult with Advisor.

YEAR 1 - FRESHMAN (32 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
<u>General Education Coursework:</u>		<u>General Education Coursework:</u>	
ENGL 110C	3	ENGL 231C	3
Oral Communication	3	Human Creativity	3
Interpreting the Past	3	MATH 162M	3
Language and Culture I (May be waived, see catalog)	3	Language and Culture II (May be waived, see catalog)	3
BIOL 121N/122N	4	BIOL 123N/124N	4
YEAR 2 - SOPHOMORE (33 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (17 credits)	
<u>General Education Coursework:</u>		<u>General Education Coursework:</u>	
Information Literacy and Research: CS 121G or STEM 251G required	3	Human Behavior	3
MATH 163	3	Philosophy and Ethics	3
<u>Major Coursework:</u>		<u>Major Coursework:</u>	
STAT 130M	3	BIOL 292	3
BIOL 291	3	MATH 211	4
CHEM 121N/122N	4	CHEM 123N/124N	4
YEAR 3 - JUNIOR (32 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
<u>General Education Coursework:</u>		<u>Major Coursework:</u>	
Literature	3	BIOL 303	3
Impact of Technology	3	PHYS 111N	4
<u>Major Coursework:</u>		BIOL 331	3
OEAS 111N	4	OEAS 306	3
CHEM 211	3	300/400 level Marine Biology Elective*	3
BIOL 293	3		
YEAR 4 - SENIOR (29 CREDITS)			
FALL SEMESTER (15 credits)		SPRING SEMESTER (14 credits)	
<u>Major Coursework:</u>		<u>Major Coursework:</u>	
BIOL 405W, 423W, 430W, 436W, or 488W	3	CHEM Elective 200-level or higher	5
300/400 level Marine Biology Elective*	3	<u>Upper Division Gen. Ed. Coursework:</u>	
300/400 level Marine Biology Elective*	3	300-/400-level Option D or Approved Minor	3
300/400 level Marine Biology Elective*	3	300-/400-level Option D or Approved Minor	3
<u>Upper Division Gen. Ed. Coursework:</u>		300-/400-level Option D or Approved Minor	3
300-/400-level Option D or Approved Minor	3		

Students in the program are expected to participate in non-credit, monthly meetings of the ODU Marine Biology Association. One course completed at an off-campus marine biology laboratory or study abroad program is strongly recommended, as is a research, practicum, or internship experience in marine biology. Other requirements are listed under the Bachelor of Science—Biology Major. Marine biology students may also select a minor in ocean and earth science.

*Students are required to take at least 15 semester credit hours in approved marine biology related courses at the 300-400 level (consult with advisor). All required and elective courses used for the concentration must be passed with a C (2.0) or better.

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a grade of C or better in all courses required for the major, including prerequisite courses, 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or 221C or 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.