

2015 - 2016 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)

<u>FALL SEMESTER (16 credits)</u>	<u>SPRING SEMESTER (16 credits)</u>
<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 for details) 3	Language and Culture II (May be waived, see catalog for details) 3
BIOL 121N/122N 4	BIOL 123N/124N 4

YEAR 2 - SOPHOMORE (33 CREDITS)

<u>FALL SEMESTER (16 credits)</u>	<u>SPRING SEMESTER (17 credits)</u>
<u>General Education Coursework:</u>	<u>General Education Coursework:</u>
Information Literacy and Research: CS 121G 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)

<u>FALL SEMESTER (16 credits)</u>	<u>SPRING SEMESTER (16 credits)</u>
<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)

<u>FALL SEMESTER (15 credits)</u>	<u>SPRING SEMESTER (14 credits)</u>
<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.