2014 - 2015 Old Dominion University Catalog
Bachelor of Science in Marine Biology

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

YEAR 1 - FRESHMAN (32 CREDITS)

 FALL SEMESTER (16 credits)  SPRING SEMESTER (16 credits)
General Education Coursework:  General Education Coursework:
ENGL 110C  ENGL 231C
Oral Communication  Human Creativity
MATH 162M  Interpreting the Past
Language and Culture I (May be waived, see catalog for details)  Language and Culture II (May be waived, see catalog for details)
BIOL 121N & 122N  BIOL 122N & 124N

YEAR 2 - SOPHOMORE (30 CREDITS)

 FALL SEMESTER (14 credits)  SPRING SEMESTER (16 credits)
General Education Coursework:  General Education Coursework:
Literature  Impact of Technology
OEAS 111N (4 credits)  PHYS 111N (4 credits)
STAT 130M  Human Behavior
CS 121G  Philosophy and Ethics

MATH 211

YEAR 3 - JUNIOR (32 CREDITS)

 FALL SEMESTER (16 credits)  SPRING SEMESTER (16 credits)
Major Coursework:  Major Coursework:
BIOL 291  BIOL 303
BIOL 292  CHEM 123 & 124N (4 credits)
CHEM 121 & 122N (4 credits)  BIOL 331
CHEM 211  Marine Biology Elective***
300-/400-level Option D  300-/400-level Option D

YEAR 4 - SENIOR (26 CREDITS)

 FALL SEMESTER (12 credits)  SPRING SEMESTER (14 credits)
Major Coursework:  Major Coursework:
BIOL 405W  Marine Biology Elective***
OEAS 306  Marine Biology Elective***
BIOL 293  CHEM Elective 200-level or higher (5 credits)
300-/400-level Option D  300-/400-level Option D course

The concentration requires satisfactory completion of the general biology foundation courses (BIOL 115N and BIOL 116N) or equivalent and at least 15 semester credit hours in approved marine biology related courses at the advanced level (300 and 400 level, see marine biology concentration brochure), including two required courses: Marine Biology (BIOL 331) and Ocean, Earth and Atmospheric Sciences (OEAS 306). The mathematics requirement for the concentration is MATH 211 Calculus I, and the non-biology physical science requirements are OEAS 111N Physical Geology and PHYS 111N Introductory General Physics.

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.

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.