

2015 - 2016 Old Dominion University Catalog
Bachelor of Science in Marine Biology (w/ VCCS Equivalencies)

*Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.
 * indicates not automatically waived with transferrable associates degree, C or better required for transfer.*

YEAR 1 - FRESHMAN (32 CREDITS)

FALL SEMESTER (16 credits)

General Education Coursework:
 ENGL 110C
 Oral Communication
 Human Creativity
 Language and Culture I (May be waived,
 see catalog for details)
 BIOL 121N & 122N

VCCS Equivalency:
 ENG 111*
[Transfer Guide](#)
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[Transfer Guide](#)
[Transfer Guide*](#)

SPRING SEMESTER (16 credits)

General Education Coursework:
 ENGL 231C
 MATH 162M
 Interpreting the Past
 Language and Culture II (May be waived,
 see catalog for details)
 BIOL 123N & 124N

VCCS Equivalency:
 ENG 115 or 131*
 MTH 163*
[Transfer Guide](#)
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YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (16 credits)

General Education Coursework:
 MATH 163
 Information Literacy and Research: CS 121G required
Major Coursework:
 STAT 130M
 BIOL 291
 CHEM 121N & 122N (4 credits)

VCCS Equivalency:
 MTH 164*
[Transfer Guide*](#)
 MTH 146, 157, 240, 241 or 242*
 CHM 111*

SPRING SEMESTER (17 credits)

General Education Coursework:
 Human Behavior
 Philosophy and Ethics
Major Coursework:
 BIOL 292
 MATH 211(4 credits)
 CHEM 123 & 124N (4 credits)

VCCS Equivalency:
[Transfer Guide](#)
[Transfer Guide](#)
 MTH 173 or 273*
 CHM 112*

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (16 credits)

General Education Coursework:
 Impact of Technology
 Literature
Major Coursework:
 CHEM 211
 OEAS 111N (4 credits)
 BIOL 293

VCCS Equivalency:
[Transfer Guide](#)
[Transfer Guide](#)
 CHM 241*
 GOL 105*

SPRING SEMESTER (16 credits)

Major Coursework:
 BIOL 303
 PHYS 111N (4 credits)
 BIOL 331
 OEAS 306
 300/400 level Marine Biology Elective***

VCCS Equivalency:
 PHY 111, 121, 201*

YEAR 4 - SENIOR (29 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:
 BIOL 405W, 423W, 430W, 436W, or 488W
 300/400 level Marine Biology Elective***
 300/400 level Marine Biology Elective***
 300/400 level Marine Biology Elective***
Upper Division Gen. Ed. Coursework:
 300-/400-level Option D or Approved Minor

VCCS Equivalency:

SPRING SEMESTER (14 credits)

Major Coursework:
 CHEM Elective 200-level or higher (5 credits)
Upper Division Gen. Ed. Coursework:
 300-/400-level Option D or Approved Minor
 300-/400-level Option D or Approved Minor
 300-/400-level Option D or Approved Minor

VCCS Equivalency:
 CHM 242 and 243, 244, 245 or 246*

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.