

2018 - 2019 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.*
Courses in green are waived by the completion of an Associate degree (Not eligible for Applied Associate degrees).

YEAR 1 - FRESHMAN (32 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
<u>General Education Coursework:</u> ENGL 110C* Oral Communication Human Creativity Language and Culture I (May be waived, see catalog for details) BIOL 121N & 122N*	<u>VCCS Equivalency:</u> ENG 111 Transfer Guide Transfer Guide Transfer Guide BIO 101	<u>General Education Coursework:</u> ENGL 231C* MATH 162M* Interpreting the Past Language and Culture II (May be waived, see catalog for details) BIOL 123N & 124N*	<u>VCCS Equivalency:</u> ENG 115 or 131 MTH 161 or 163 Transfer Guide Transfer Guide BIO 102

YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (17 credits)	
<u>General Education Coursework:</u> MATH 163* Information Literacy and Research: CS 121G required or STEM 251G required* <u>Major Coursework:</u> STAT 130M* BIOL 291 CHEM 121N & 122N (4 credits)*	<u>VCCS Equivalency:</u> MTH 162, 164 or 167 Transfer Guide MTH 146, 155, 157, 240, 241, 242 or 245 CHM 111	<u>General Education Coursework:</u> Human Behavior Philosophy and Ethics <u>Major Coursework:</u> BIOL 292 MATH 211(4 credits)* CHEM 123 & 124N (4 credits)*	<u>VCCS Equivalency:</u> Transfer Guide Transfer Guide MTH 173, 263 or 273 CHM 112

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
<u>General Education Coursework:</u> Impact of Technology Literature <u>Major Coursework:</u> CHEM 211* OEAS 111N (4 credits)* BIOL 293	<u>VCCS Equivalency:</u> Transfer Guide Transfer Guide CHM 241 GOL 105	<u>Major Coursework:</u> BIOL 303 PHYS 111N (4 credits)* BIOL 331 OEAS 306 300/400 level Marine Biology Elective***	<u>VCCS Equivalency:</u> PHY 111, 121, 201

YEAR 4 - SENIOR (29 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (14 credits)	
<u>Major Coursework:</u> 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*** <u>Upper Division Gen. Ed. Coursework:</u> 300-/400-level Option D or Approved Minor	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u> CHEM Elective 200-level or higher (5 credits)* <u>Upper Division Gen. Ed. Coursework:</u> 300-/400-level Option D or Approved Minor 300-/400-level Option D or Approved Minor 300-/400-level Option D or Approved Minor	<u>VCCS Equivalency:</u> 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.