

## 2016 - 2017 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>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
ENGL 110C	ENG 111*	ENGL 231C	ENG 115 or 131*
Oral Communication	<a href="#">Transfer Guide</a>	MATH 162M	MTH 163*
Human Creativity	<a href="#">Transfer Guide</a>	Interpreting the Past	<a href="#">Transfer Guide</a>
Language and Culture I (May be waived, see catalog for details)	<a href="#">Transfer Guide</a>	Language and Culture II (May be waived, see catalog for details)	<a href="#">Transfer Guide</a>
BIOL 121N & 122N	<a href="#">Transfer Guide*</a>	BIOL 123N & 124N	<a href="#">Transfer Guide*</a>
YEAR 2 - SOPHOMORE (33 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (17 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
MATH 163	MTH 164*	Human Behavior	<a href="#">Transfer Guide</a>
Information Literacy and Research: CS 121G required	<a href="#">Transfer Guide*</a>	Philosophy and Ethics	<a href="#">Transfer Guide</a>
<u>Major Coursework:</u>		<u>Major Coursework:</u>	
STAT 130M	MTH 146, 157, 240, 241 or 242*	BIOL 292	
BIOL 291		MATH 211(4 credits)	MTH 173 or 273*
CHEM 121N & 122N (4 credits)	CHM 111*	CHEM 123 & 124N (4 credits)	CHM 112*
YEAR 3 - JUNIOR (32 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
Impact of Technology	<a href="#">Transfer Guide</a>	BIOL 303	
Literature	<a href="#">Transfer Guide</a>	PHYS 111N (4 credits)	PHY 111, 121, 201*
<u>Major Coursework:</u>		BIOL 331	
CHEM 211	CHM 241*	OEAS 306	
OEAS 111N (4 credits)	GOL 105*	300/400 level Marine Biology Elective***	
BIOL 293			
YEAR 4 - SENIOR (29 CREDITS)			
FALL SEMESTER (15 credits)		SPRING SEMESTER (14 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
BIOL 405W, 423W, 430W, 436W, or 488W		CHEM Elective 200-level or higher (5 credits)	CHM 242 and 243, 244, 245 or 246*
300/400 level Marine Biology Elective***		<u>Upper Division Gen. Ed. Coursework:</u>	
300/400 level Marine Biology Elective***		300-/400-level Option D or Approved Minor	
300/400 level Marine Biology Elective***		300-/400-level Option D or Approved Minor	
<u>Upper Division Gen. Ed. Coursework:</u>		300-/400-level Option D or Approved Minor	
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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.