

2014 - 2015 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)		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	Transfer Guide	MATH 163	MTH 164*
MATH 162M	MTH 163*	Interpreting the Past	Transfer Guide
Language and Culture I (May be waived, see catalog for details)	Transfer Guide	Language and Culture II (May be waived, see catalog for details)	Transfer Guide
BIOL 121N & 122N	Transfer Guide*	BIOL 123N & 124N	Transfer Guide*

YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (16 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
Literature	Transfer Guide	Impact of Technology	Transfer Guide
OEAS 111N (4 credits)	GOL 105*	PHYS 111N (4 credits)	PHY 111, 121, 201*
STAT 130M	MTH 146, 157, 240, 241 or 242*	Human Behavior	Transfer Guide
CS 121G	Transfer Guide*	Philosophy and Ethics	Transfer Guide
		MATH 211	MTH 173 or 273*

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
BIOL 291		BIOL 303	
BIOL 292		CHEM 123 & 124N (4 credits)	CHM 112*
CHEM 121 & 122N (4 credits)	CHM 111*	BIOL 331	
Marine Biology Elective***		Marine Biology Elective***	
<u>Upper Division Gen. Ed. Coursework:</u>		<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level Option D		300-/400-level Option D	

YEAR 4 - SENIOR (29 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (14 credits)	
	<u>VCCS Equivalency:</u>		<u>VCCS Equivalency:</u>
Human Creativity		<u>Major Coursework:</u>	
<u>Major Coursework:</u>		BIOL 405W	
BIOL 293		Marine Biology Elective***	
OEAS 306		CHEM Elective 200-level or higher (5 credits)	CHM 242 and 243, 244, 245 or 246*
CHEM 211	CHM 241*	<u>Upper Division Gen. Ed. Coursework:</u>	
<u>Upper Division Gen. Ed. Coursework:</u>		300-/400-level Option D course	
300-/400-level Option D			

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.