

2017 - 2018 Old Dominion University Catalog
Bachelor of Science in Ocean and Earth Science
(Biological Oceanography Concentration) (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 (31 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (17 credits)	
<u>General Education and Major Coursework:</u> MATH 211 (4 credits) ENGL 110C Language and Culture I (May be waived, see catalog for details) BIOL 121N & 122N (4 credits)	<u>VCCS Equivalency:</u> MTH 173, 263 or 273* ENG 111* Transfer Guide Transfer Guide*	<u>General Education and Major Coursework:</u> ENGL 211C or 231C Human Creativity Language and Culture II (May be waived, see catalog for details) MATH 212 (4 credits) BIOL 123N & 124N (4 credits)	<u>VCCS Equivalency:</u> ENG 112, 210, 115 or 131* Transfer Guide Transfer Guide MTH 174, 264, or 274* Transfer Guide*

YEAR 2 - SOPHOMORE (29 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (15 credits)	
<u>General Education and Major Coursework:</u> CHEM 121N and 122N (4 credits) Literature Philosophy and Ethics OEAS 111N (4 credits)	<u>VCCS Equivalency:</u> CHM 111* Transfer Guide Transfer Guide GOL 105*	<u>General Education and Major Coursework:</u> CHEM 123N and 124N (4 credits) Interpreting the Past Information Literacy and Research CHEM 211 and 212 (4 credits)	<u>VCCS Equivalency:</u> CHM 112* Transfer Guide Transfer Guide CHM 241 and 243 or 245*

YEAR 3 - JUNIOR (31 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u> CHEM 213 Elective** PHYS 231 (4 credits) STAT 310 or 330 OEAS 310	<u>VCCS Equivalency:</u> CHM 242* PHY 221, 231 or 241*	<u>Major Coursework:</u> OEAS 406 (1 credit) OEAS 440 (4 credits) PHYS 232N (4 credits) BIOL 292 OEAS 306	<u>VCCS Equivalency:</u> PHY 222, 232 or 242*

YEAR 4 - SENIOR (31-32 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (16-17 credits)	
<u>General Education and Major Coursework:</u> Human Behavior CHEM 441 OEAS Elective** OEAS 441 (Meets Oral Communication) <u>Upper Division Gen. Ed. Coursework:</u> 300-/400-level course (Option D)	<u>VCCS Equivalency:</u> Transfer Guide	<u>General Education and Major Coursework:</u> Impact of Technology OEAS Elective** OEAS 442 BIOL 415W or OEAS 451 <u>Upper Division Gen. Ed. Coursework:</u> 300-/400-level course (Option D)	<u>VCCS Equivalency:</u> Transfer Guide

**Please refer to the catalog and consult with your advisor for appropriate elective coursework.

Language and Culture may be waived, see ODU catalog for exemptions.

Note: Upper division general education (minor) has other options, see catalog for requirements.

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.