

**2024 - 2025 Old Dominion University Catalog**  
**Bachelor of Science in Ocean and Earth Science with a Major in Biological Oceanography (BS)**  
**(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). Associate in Science recommended for ease of transfer.*

**YEAR 1 - FRESHMAN (29 CREDITS)**

<b>FALL SEMESTER (15 credits)</b>		<b>SPRING SEMESTER (14 credits)</b>	
<u>General Education and Major Coursework:</u> ENGL 110C BIOL 121N and 122N (4 credits) OEAS 111N (4 credits) MATH 211 (4 credits)	<u>VCCS Equivalency:</u> ENG 111* BIOL 101* GOL 105* MTH 173, 263 or 273*	<u>General Education and Major Coursework:</u> ENGL 211C or 231C BIOL 123N and 124N (4 credits) MATH 212 (4 credits) OEAS 130G	<u>VCCS Equivalency:</u> ENG 112, 210, 115 or 131* BIOL 102* MTH 174, 264 or 274*

**YEAR 2 - SOPHOMORE (30 CREDITS)**

<b>FALL SEMESTER (15 credits)</b>		<b>SPRING SEMESTER (15 credits)</b>	
<u>General Education and Major Coursework:</u> CHEM 121N and 122N (4 credits) PHYS 231N (4 credits) CHEM 211 Human Creativity Human Behavior	<u>VCCS Equivalency:</u> CHEM 111* PHY 221, 231 or 241* CHEM 241* <a href="#">Transfer Equivalency Guide</a> <a href="#">Transfer Equivalency Guide</a>	<u>General Education and Major Coursework:</u> CHEM 123N and 124N (4 credits) PHYS 232N (4 credits) OEAS 406 CHEM 213 Impact of Technology	<u>VCCS Equivalency:</u> CHEM 112* PHY 222, 232 or 242*  CHEM 242* <a href="#">Transfer Equivalency Guide</a>

**YEAR 3 - JUNIOR (32 CREDITS)**

<b>FALL SEMESTER (17 credits)</b>		<b>SPRING SEMESTER (15 credits)</b>	
<u>General Education and Major Coursework:</u> Upper-Division Chemistry elective Upper-Division Chemistry elective Interpreting the Past Philosophy and Ehtics Literature	<u>VCCS Equivalency:</u>   <a href="#">Transfer Equivalency Guide</a> <a href="#">Transfer Equivalency Guide</a> <a href="#">Transfer Equivalency Guide</a>	<u>General Education and Major Coursework:</u> OEAS 306 OEAS 307 (1 credit) OEAS 310 (4 credits) OEAS 406 STAT 310 Upper-Division Chemistry elective (lab)	<u>VCCS Equivalency:</u>      

**YEAR 4 - SENIOR (29-30 CREDITS)**

<b>FALL SEMESTER (16 credits)</b>		<b>SPRING SEMESTER (13-14credits)</b>	
<u>General Education and Major Coursework:</u> OEAS 441 Upper-Division Chemistry elective OEAS 400-level Elective 300-/400-level course (Option D) Language and Culture I (May be waived; see catalog for details)	<u>VCCS Equivalency:</u>     <a href="#">Transfer Equivalency Guide</a>	<u>General Education and Major Coursework:</u> OEAS 442W OEAS 410 OEAS Elective** 300-/400-level course (Option D) Language and Culture II (May be waived; see catalog for details)	<u>VCCS Equivalency:</u>     <a href="#">Transfer Equivalency Guide</a>

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

*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 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.*

*This four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.*