

**2024 - 2025 Old Dominion University Catalog**  
**Bachelor of Science in Ocean and Earth Science with a Major in Chemical 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 (30 CREDITS)**

**FALL SEMESTER (16 credits)**

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENGL 110C	ENG 111*
CHEM 121N and 122N (4 credits)	CHM 111*
MATH 211 (4 credits)	MTH 173, 263 or 273*
OEAS 111N (4 credits)	GOL 105*
Language and Culture I (May be waived; see catalog for details)	<a href="#">Transfer Equivalency Guide</a>

**SPRING SEMESTER (14 credits)**

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENGL 211C or 231C	ENG 112, 210, 115 or 131*
CHEM 123N and 124N (4 credits)	CHM 112*
MATH 212 (4 credits)	MTH 174, 264, or 274*
OEAS 130G (Meets Info Literacy and Research)	
Language and Culture II (May be waived; see catalog for details)	<a href="#">Transfer Equivalency Guide</a>

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

**FALL SEMESTER (15 credits)**

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
BIOL 121N & 122N (4 credits)	BIO 101*
CHEM 211	CHEM 242*
PHYS 231N (4 credits)	PHY 221, 231 or 241*
Human Behavior	<a href="#">Transfer Equivalency Guide</a>
Human Creativity	<a href="#">Transfer Equivalency Guide</a>

**SPRING SEMESTER (15 credits)**

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
BIOL 123N & 124N (4 credits)	BIO 102*
OEAS 406	
PHYS 232N (4 credits)	PHY 222, 232 or 242*
CHEM 213	
Impact of Technology	<a href="#">Transfer Equivalency Guide</a>

**YEAR 3 - JUNIOR (30 CREDITS)**

**FALL SEMESTER (16 credits)**

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
Upper Division Chemistry Elective	
Upper Division Chemistry Elective	
Interpreting the Past	<a href="#">Transfer Equivalency Guide</a>
Literature	<a href="#">Transfer Equivalency Guide</a>
Philosophy and Ethics	<a href="#">Transfer Equivalency Guide</a>

**SPRING SEMESTER (14 credits)**

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
STAT 310	
OEAS 306	
OEAS 307 (1 credit)	
OEAS 310 (4 credits)	
Upper-Division Chemistry elective**	

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

**FALL SEMESTER (15 credits)**

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
OEAS 441 (Meets Oral Communication)	
OEAS 400-level elective**	
Upper-Division Chemistry elective**	
<u>Upper Division Gen. Ed. Coursework: **</u>	
300-/400-level course (Option D)	

**SPRING SEMESTER (15 credits)**

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
OEAS 410	
OEAS 400-level elective** (4 credits)	
OEAS 442W	
<u>Upper Division Gen. Ed. Coursework:**</u>	
300-/400-level course (Option D)	

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