

**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*

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENGL 110C	ENG 111*	ENGL 211C or 231C	ENG 112, 210, 115 or 131*
CHEM 121N and 122N (4 credits)	CHM 111*	CHEM 123N and 124N (4 credits)	CHM 112*
MATH 211 (4 credits)	MTH 173, 263 or 273*	MATH 212 (4 credits)	MTH 174, 264, or 274*
OEAS 111N (4 credits)	GOL 105*	OEAS 130G (Meets Info Literacy and Research)	
<span style="color: green;">Language and Culture I (May be waived; see catalog for details)</span>	<a href="#">Transfer Equivalency Guide</a>	<span style="color: green;">Language and Culture II (May be waived; see catalog for details)</span>	<a href="#">Transfer Equivalency Guide</a>

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

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
BIOL 121N & 122N (4 credits)	BIO 101*	BIOL 123N & 124N (4 credits)	BIO 102*
CHEM 211	CHEM 242*	OEAS 406	
PHYS 231N (4 credits)	PHY 221, 231 or 241*	PHYS 232N (4 credits)	PHY 222, 232 or 242*
<span style="color: green;">Human Behavior</span>	<a href="#">Transfer Equivalency Guide</a>	CHEM 213	
<span style="color: green;">Human Creativity</span>	<a href="#">Transfer Equivalency Guide</a>	<span style="color: green;">Impact of Technology</span>	<a href="#">Transfer Equivalency Guide</a>

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
Upper Division Chemistry Elective		STAT 310	
Upper Division Chemistry Elective		OEAS 306	
<span style="color: green;">Interpreting the Past</span>	<a href="#">Transfer Equivalency Guide</a>	OEAS 307 (1 credit)	
<span style="color: green;">Literature</span>	<a href="#">Transfer Equivalency Guide</a>	OEAS 310 (4 credits)	
<span style="color: green;">Philosophy and Ethics</span>	<a href="#">Transfer Equivalency Guide</a>	Upper-Division Chemistry elective**	

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
OEAS 441 (Meets Oral Communication)		OEAS 410	
OEAS 400-level elective**		OEAS 400-level elective** (4 credits)	
Upper-Division Chemistry elective**		OEAS 442W	
<u>Upper Division Gen. Ed. Coursework:</u> **		<u>Upper Division Gen. Ed. Coursework:</u> **	
300-/400-level course (Option D)		300-/400-level course (Option D)	