

**2020 - 2021 Old Dominion University Catalog**  
**Bachelor of Science in Ocean and Earth Science**  
**Earth Science Education 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). Associate in Science recommended for ease of transfer.

YEAR 1 - FRESHMAN (28 CREDITS)			
FALL SEMESTER (14 credits)		SPRING SEMESTER (14 credits)	
<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*
BIO 121N & 122N (4 credits)	BIO 101*	MATH 211 (4 credits)	MTH 173, 263 or 273*
<span style="color: green;">Philosophy and Ethics</span>	<a href="#">Transfer Guide</a>	OEAS 130G (Meets Info Literacy and Research)	
<span style="color: green;">Human Creativity</span>	<a href="#">Transfer Guide</a>	<span style="color: green;">Literature</span>	<a href="#">Transfer Guide</a>
<u>Professional Education Coursework:</u>		<u>Professional Education Coursework:</u>	
STEM 101 (1 credit)		STEM 102 (1 credit)	
YEAR 2 - SOPHOMORE (30 CREDITS)			
FALL SEMESTER (15 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 121N and 122N (4 credits)	CHM 111*	CHEM 123N and 124N (4 credits)	CHM 112*
PHYS 111N (4 credits)	PHY 201*	PHYS 112N (4 credits)	PHY 202*
OEAS 111N (4 credits)	GOL 105*	OEAS 112N (4 credits)	GOL 106*
<u>Professional Education Coursework:</u>		<u>Professional Education Coursework:</u>	
STEM 201		STEM 202	
YEAR 3 - JUNIOR (35 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	SUMMER SEMESTER (3 credits)
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>Major Coursework:</u>
STAT 310		OEAS 315 (4 credits)	<span style="color: green;">Human Behavior</span>
OEAS 310		OEAS 306	
OEAS 303		OEAS 441 or 444 (Meets Oral Communication)**	
OEAS 320		Elective (OEAS 300/400 recommended)**	
OEAS 220T (Satisfies Impact of Technology)		<span style="color: green;">Interpreting the Past</span>	<a href="#">Transfer Guide</a>
YEAR 4 - SENIOR (27 CREDITS)			
FALL SEMESTER (15 credits)		SPRING SEMESTER (12 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major and Professional Education Coursework:</u>	<u>VCCS Equivalency:</u>
PHYS 408		STEM 402	
OEAS 344W		STEM 485 (9 credits)	
OEAS 442W or 468W**			
OEAS 468W or elective*			
<u>Professional Education Coursework:</u>			
STEM 401			

This 4-year plan does not include 6 credits in Language and Culture, but this requirement may be waived; see ODU catalog.

\*\*Please consult with catalog and advisor for appropriate coursework.

Note: Upper division general education (minor) is satisfied through the Professional Education courses.

Requirements for graduation include a minimum cumulative grade point average of 2.75 GPA, in the major area, and in the professional education core, with no grade less than a C in the major and C- in the professional education core; successful completion of the Teacher Candidate Internship and a minimum of 123 credit hours, which must include both a minimum of 31 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.

Please refer to the catalog for information regarding requirements for admissibility to the teacher preparation program.