

**2017 - 2018 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).*

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

<b>FALL SEMESTER (15 credits)</b>		<b>SPRING SEMESTER (14 credits)</b>	
<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* <a href="#">Transfer Guide</a> <a href="#">Transfer Guide*</a>	<u>General Education and Major Coursework:</u> ENGL 211C or 231C Human Creativity Language and Culture II (May be waived, see catalog for details) OEAS 111N (4 credits)	<u>VCCS Equivalency:</u> ENG 112, 210, 115 or 131* <a href="#">Transfer Guide</a> <a href="#">Transfer Guide</a> GOL 105*
<u>Professional Education Coursework:</u> STEM 101 (1 credit)		<u>Professional Education Coursework:</u> STEM 102 (1 credit)	

**YEAR 2 - SOPHOMORE (32 CREDITS)**

<b>FALL SEMESTER (15 credits)</b>		<b>SPRING SEMESTER (17 credits)</b>	
<u>General Education and Major Coursework:</u> CHEM 121N and 122N (4 credits) PHYS 111N (4 credits) OEAS 112N (4 credits)	<u>VCCS Equivalency:</u> CHM 111* PHY 201* GOL 106*	<u>General Education and Major Coursework:</u> CHEM 123N and 124N (4 credits) Interpreting the Past Literature PHYS 112N (4 credits)	<u>VCCS Equivalency:</u> CHM 112* <a href="#">Transfer Guide</a> <a href="#">Transfer Guide</a> PHY 202*
<u>Professional Education Coursework:</u> STEM 201		<u>Professional Education Coursework:</u> STEM 202	

**YEAR 3 - JUNIOR (34 CREDITS)**

<b>FALL SEMESTER (15 credits)</b>	<b>SPRING SEMESTER (16 credits)</b>	<b>SUMMER SEMESTER (3 credits)</b>
<u>General Education and Major Coursework:</u> OEAS 303 Human Behavior STAT 310 OEAS 310 Philosophy and Ethics	<u>VCCS Equivalency:</u> <a href="#">Transfer Guide</a> <a href="#">Transfer Guide</a>	<u>General Education and Major Coursework:</u> OEAS 344W
	<u>Major Coursework:</u> OEAS 315 (4 credits) OEAS 306 OEAS 443 Select one sequence: OEAS 441 & 442W or OEAS 444 & 468W <u>Professional Education Coursework:</u> OEAS 468W	

**YEAR 4 - SENIOR (27 CREDITS)**

<b>FALL SEMESTER (15 credits)</b>	<b>SPRING SEMESTER (12 credits)</b>
<u>General Education Coursework:</u> Information Literacy and Research Impact of Technology <u>Major Coursework:</u> PHYS 408 If OEAS 441 completed, OEAS 442W required. If OEAS 444 completed, OEAS 468W required. <u>Professional Education Coursework:</u> STEM 401	<u>VCCS Equivalency:</u> <a href="#">Transfer Guide</a> <a href="#">Transfer Guide</a> <u>Major and Professional Education Coursework:</u> STEM 402 STEM 485 <u>VCCS Equivalency:</u>

Students are encouraged to utilize their summers to ensure graduation in four years.

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

Oral Communication requirement is met with OEAS 441 or 444.

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.