

2014 - 2015 Old Dominion University Catalog

Bachelor of Science in Ocean, Earth and Atmospheric Sciences (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.*

YEAR 1 - FRESHMAN (33 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (16 credits)	
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
MATH 211 (4 credits)	MTH 173 or 273*	ENGL 211C or 231C	ENG 112, 210, 115 or 131*
ENGL 110C	ENG 111*	Human Creativity	Transfer Guide
Language and Culture I (May be waived, see catalog for details)	Transfer Guide	Language and Culture II (May be waived, see catalog for details)	Transfer Guide
BIOL 121N & 122N (4 credits)	Transfer Guide*	OEAS 111N (4 credits)	GOL 105*
Philosophy and Ethics	Transfer Guide	Literature	Transfer Guide

YEAR 2 - SOPHOMORE (29 CREDITS)

FALL SEMESTER (15 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>
CHEM 121N and 122N (4 credits)	CHM 111*	CHEM 123N and 124N (4 credits)	CHM 112*
Information Literacy and Research	Transfer Guide	Interpreting the Past	Transfer Guide
PHYS 111N (4 credits)	PHY 201*	Human Behavior	Transfer Guide
OEAS 112N (4 credits)	GOL 106*	PHYS 112N (4 credits)	PHY 202*

YEAR 3 - JUNIOR (33 CREDITS)

FALL SEMESTER (13 credits)		SPRING SEMESTER (14 credits)	SUMMER SEMESTER (6 credits)
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>Major Coursework:</u>
OEAS 303		OEAS 314 (4 credits)	OEAS 344W
OEAS 313		OEAS 306	<u>Professional Education Coursework:</u>
STAT 310 or 330		OEAS 443	STEM 201
OEAS 310		Select one sequence: OEAS 441 & 442W or OEAS 444 & 445 (3 credits)**	
<u>Professional Education Coursework:</u>		<u>Professional Education Coursework:</u>	
STEM 101 (1 credit)		STEM 102 (1 credit)	

YEAR 4 - SENIOR (30 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major and Professional Education Coursework:</u>	<u>VCCS Equivalency:</u>
PHYS 408		STEM 402	
If OEAS 441 completed, OEAS 442W required.		STEM 485	
If OEAS 444 completed, OEAS 445 required. (3 credits)			
<u>Professional Education Coursework:</u>			
STEM 202			
STEM 401			
SCI 468			

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

**OEAS 444 and 445 satisfies the oral communication requirement.

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

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.