

2021 - 2022 Old Dominion University Catalog
Bachelor of Science in Ocean and Earth Science
Physical Oceanography 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 (30 CREDITS)

FALL SEMESTER (16 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENGL 110C	ENG 111*
BIOL 121N & 122N (4 credits)	BIO 101*
Literature	Transfer Guide
Human Creativity	Transfer Guide
Language and Culture I (May be waived; see catalog for details)	Transfer Guide

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*
BIOL 123N & 124N (4 credits)	BIO 102*
MATH 211 (4 credits)	MTH 173, 263 or 273*
Language and Culture II (May be waived; see catalog for details)	Transfer Guide

YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 121N and 122N (4 credits)	CHM 111*
MATH 212 (4 credits)	MTH 174, 264, or 274*
PHYS 231N (4 credits)	PHY 221, 231 or 241*
OEAS 130G (Meets Info Literacy and Research)	

SPRING SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 123N and 124N (4 credits)	CHM 112*
OEAS 111N (4 credits)	GOL 105*
PHYS 232N (4 credits)	PHY 222, 232 or 242*
Impact of Technology	Transfer Guide

YEAR 3 - JUNIOR (30 CREDITS)

FALL SEMESTER (16 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
OEAS 310 (4 credits)	
STAT 310	
GEOG 402	
Option A, B or C course**	
Human Behavior	Transfer Guide

SPRING SEMESTER (14 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
OEAS 306	
OEAS 307 (1 credit)	
PHYS 319	
MATH 307	MTH 267 or 279*
Human Creativity	Transfer Guide

YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (16 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
OEAS 441(Meets Oral Communication)	
OEAS 405	
OEAS 406 (1 credit)	
OEAS 415 or 435	
Philosophy and Ethics	Transfer Guide
<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 442W	
OEAS 451W	
STAT 437	
Option A, B or C course**	
<u>Upper Division Gen. Ed. Coursework:**</u>	
300-/400-level course (Option D)	

**Please consult with catalog and 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 221C 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.