

# 2020 - 2021 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)		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*
BIOL 121N & 122N (4 credits)	BIO 101*	BIOL 123N & 124N (4 credits)	BIO 102*
Literature	<a href="#">Transfer Guide</a>	MATH 211 (4 credits)	MTH 173, 263 or 273*
Human Creativity	<a href="#">Transfer Guide</a>	Language and Culture II (May be waived; see catalog for details)	<a href="#">Transfer Guide</a>
Language and Culture I (May be waived; see catalog for details)	<a href="#">Transfer Guide</a>		

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

FALL SEMESTER (15 credits)		SPRING SEMESTER (15 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*
MATH 212 (4 credits)	MTH 174, 264, or 274*	OEAS 111N (4 credits)	GOL 105*
PHYS 231N (4 credits)	PHY 221, 231 or 241*	PHYS 232N (4 credits)	PHY 222, 232 or 242*
OEAS 130G (Meets Info Literacy and Research)		Impact of Technology	<a href="#">Transfer Guide</a>

#### YEAR 3 - JUNIOR (30 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (14 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
OEAS 310 (4 credits)		OEAS 306	
STAT 310		OEAS 307 (1 credit)	
GEOG 402		PHYS 319	
Option A, B or C course**		MATH 307	MTH 267 or 279*
Human Behavior	<a href="#">Transfer Guide</a>	Human Creativity	<a href="#">Transfer Guide</a>

#### YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
OEAS 441(Meets Oral Communication)		OEAS 442W	
OEAS 405		OEAS 451W	
OEAS 406 (1 credit)		STAT 437	
OEAS 415 or 435		Option A, B or C course**	
Philosophy and Ethics	<a href="#">Transfer Guide</a>	Upper Division Gen. Ed. Coursework:**	
Upper Division Gen. Ed. Coursework:**		300-/400-level course (Option D)	
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.