

2018 - 2019 Old Dominion University Catalog
Bachelor of Science in Ocean and Earth Science
Biological 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).

YEAR 1 - FRESHMAN (28CREDITS)

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>
MATH 211 (4 credits)	MTH 173, 263 or 273*	ENGL 211C or 231C	ENG 112, 210, 115 or 131*
ENGL 110C	ENG 111*	MATH 212 (4 credits)	MTH 174, 264, or 274*
Language and Culture II (May be waived)	Transfer Guide	Language and Culture I (May be waived)	Transfer Guide
BIOL 121N & 122N (4 credits)	BIO 101*	BIOL 123N & 124N (4 credits)	BIO 102*

YEAR 2 - SOPHOMORE (29CREDITS)

FALL SEMESTER (14 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*
Literature	Transfer Guide	Interpreting the Past	Transfer Guide
Philosophy and Ethics	Transfer Guide	Information Literacy and Research	Transfer Guide
OEAS 111N (4 credits)	GOL 105*	CHEM 211 and 212 (4 credits)	CHM 241 and 243 or 245*

YEAR 3 - JUNIOR (31 CREDITS)

FALL SEMESTER (16 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>
PHYS 231N (4 credits)	PHY 221, 231 or 241*	OEAS 406 (1 credit)	
CHEM 213	CHM 242*	OEAS 440 (4 credits)	
Human Creativity	Transfer Guide	PHYS 232N (4 credits)	PHY 222, 232 or 242*
STAT 310		BIOL 292	
OEAS 310		OEAS 306	

YEAR 4 - SENIOR (31-32 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (16-17 credits)	
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 441 (4 credits)		Impact of Technology	Transfer Guide
Human Behavior	Transfer Guide	OEAS Elective**	
OEAS Elective**		OEAS 442W	
OEAS 441 (Meets Oral Communication)		BIOL 415W or OEAS 451 (4-5credits)	
<u>Upper Division Gen. Ed. Coursework:</u>		<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level course (Option D)		300-/400-level course (Option D)	

**Please refer to the catalog and consult with your advisor for appropriate elective coursework.

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

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.