

2014 - 2015 Old Dominion University Catalog

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

YEAR 1 - FRESHMAN (33 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (17 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*	MATH 212 (4 credits)	MTH 174 or 274*
Elective (2 credits)		BIOL 123N & 124N (4 credits)	Transfer Guide*

YEAR 2 - SOPHOMORE (27 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (13 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	CHM 241*

YEAR 3 - JUNIOR (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>
CHEM 213	CHM 242*	OEAS 406 (1 credit)	
OEAS Elective**		OEAS 410 (4 credits)	
PHYS 231 (4 credits)	PHY 221, 231 or 241*	PHYS 232N (4 credits)	PHY 222, 232 or 242*
STAT 310 or 330		CHEM 351	
OEAS 310		OEAS 306	

YEAR 4 - SENIOR (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>
Human Behavior	Transfer Guide	Impact of Technology	Transfer Guide
CHEM 441		CHEM 333	
CHEM 331		OEAS 442W	
OEAS Elective**		CHEM 332W or CHEM 452 (2 credits)	
<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 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.