

2018 - 2019 Old Dominion University Catalog
Bachelor of Science in Ocean and Earth Science
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.*
Courses in green are waived by the completion of an Associate degree (Not eligible for Applied Associate degrees).

YEAR 1 - FRESHMAN (33 CREDITS)

FALL SEMESTER (16 credits)

SPRING SEMESTER (17 credits)

General Education and Major Coursework:

MATH 211 (4 credits)

ENGL 110C

Language and Culture I

(May be waived, see catalog for details)

BIOL 121N & 122N (4 credits)

Elective (2 credits)**

VCCS Equivalency:

MTH 173, 263 or 273*

ENG 111*

[Transfer Guide](#)

BIO 101*

General Education and Major Coursework:

ENGL 211C or 231C

Human Creativity

Language and Culture II

(May be waived, see catalog for details)

MATH 212 (4 credits)

BIOL 123N & 124N (4 credits)

VCCS Equivalency:

ENG 112, 210, 115 or 131*

[Transfer Guide](#)

[Transfer Guide](#)

MTH 174, 264, or 274*

BIO 102*

YEAR 2 - SOPHOMORE (27 CREDITS)

FALL SEMESTER (14 credits)

SPRING SEMESTER (13 credits)

General Education and Major Coursework:

CHEM 121N and 122N (4 credits)

Literature

Philosophy and Ethics

OEAS 111N (4 credits)

VCCS Equivalency:

CHM 111*

[Transfer Guide](#)

[Transfer Guide](#)

GOL 105*

General Education and Major Coursework:

CHEM 123N and 124N (4 credits)

Interpreting the Past

Information Literacy and Research

CHEM 211

VCCS Equivalency:

CHM 112*

[Transfer Guide](#)

[Transfer Guide](#)

CHM 241*

YEAR 3 - JUNIOR (30 CREDITS)

FALL SEMESTER (16 credits)

SPRING SEMESTER (14 credits)

General Education and Major Coursework:

Impact of Technology

Major Coursework:

CHEM 213

OEAS Elective**

PHYS 231N (4 credits)

OEAS 310

VCCS Equivalency:

[Transfer Guide](#)

CHM 242*

PHY 221, 231 or 241*

Major Coursework:

OEAS 406 (1 credit)

STAT 310

PHYS 232N (4 credits)

CHEM 351

OEAS 306

VCCS Equivalency:

PHY 222, 232 or 242*

YEAR 4 - SENIOR (29 CREDITS)

FALL SEMESTER (15 credits)

SPRING SEMESTER (14 credits)

General Education and Major Coursework:

Human Behavior

Major Coursework:

OEAS 441 (Meets Oral Communication)

CHEM 331

OEAS Elective**

Upper Division Gen. Ed. Coursework:

300-/400-level course (Option D)

VCCS Equivalency:

[Transfer Guide](#)

Major Coursework:

OEAS 410

CHEM 333

OEAS 442W

CHEM 332W or CHEM 452 (2 credits)

Upper Division Gen. Ed. Coursework:

300-/400-level course (Option D)

VCCS Equivalency:

**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.