

2019 - 2020 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). Associate in Science recommended for ease of transfer.*

YEAR 1 - FRESHMAN (30 CREDITS)

FALL SEMESTER (16 credits)

SPRING SEMESTER (14 credits)

General Education and Major Coursework:

ENGL 110C

BIOL 121N & 122N (4 credits)

Literature

Human Creativity

Language and Culture I (May be waived; see catalog for details)

VCCS Equivalency:

ENG 111*

BIO 101*

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General Education and Major Coursework:

ENGL 211C or 231C

BIOL 123N & 124N (4 credits)

MATH 211 (4 credits)

Language and Culture II (May be waived; see catalog for details)

VCCS Equivalency:

ENG 112, 210, 115 or 131*

BIO 102*

MTH 173, 263 or 273*

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YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (15 credits)

SPRING SEMESTER (15 credits)

General Education and Major Coursework:

CHEM 121N and 122N (4 credits)

MATH 212 (4 credits)

PHYS 231N (4 credits)

OEAS 130G (Meets Info Literacy and Research)

VCCS Equivalency:

CHM 111*

MTH 174, 264, or 274*

PHY 221, 231 or 241*

General Education and Major Coursework:

CHEM 123N and 124N (4 credits)

OEAS 111N (4 credits)

PHYS 232N (4 credits)

Impact of Technology

VCCS Equivalency:

CHM 112*

GOL 105*

PHY 222, 232 or 242*

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YEAR 3 - JUNIOR (31 CREDITS)

FALL SEMESTER (16 credits)

SPRING SEMESTER (15 credits)

General Education and Major Coursework:

OEAS 310 (4 credits)

STAT 310

CHEM 211

OEAS 400-level elective**

Interpreting the Past

VCCS Equivalency:

CHM 242*

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Major Coursework:

CHEM 213

OEAS 306

OEAS 307 (1 credit)

OEAS 406 (1 credit)

OEAS 400-level elective**

Philosophy and Ethics

VCCS Equivalency:

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YEAR 4 - SENIOR (29 CREDITS)

FALL SEMESTER (15 credits)

SPRING SEMESTER (14 credits)

General Education and Major Coursework:

OEAS 441 (Meets Oral Communication)

CHEM 331

CHEM 351 or CHEM 441

Human Behavior

Upper Division Gen. Ed. Coursework: **

300-/400-level course (Option D)

VCCS Equivalency:

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Major Coursework:

OEAS 410

CHEM 333

OEAS 442W

CHEM 332W or CHEM 352 (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.

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.