

2014 - 2015 Old Dominion University Catalog

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

YEAR 1 - FRESHMAN (31 CREDITS)

| FALL SEMESTER (14 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* |
| | | BIOL 123N & 124N (4 credits) | Transfer Guide* |

YEAR 2 - SOPHOMORE (28 CREDITS)

| 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> |
| 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>Major Coursework:</u> | <u>VCCS Equivalency:</u> | <u>Major Coursework:</u> | <u>VCCS Equivalency:</u> |
| CHEM 213 | CHM 242* | OEAS 406 (1 credit) | |
| Elective** | | OEAS 440 (4 credits) | |
| PHYS 231 (4 credits) | PHY 221, 231 or 241* | PHYS 232N (4 credits) | PHY 222, 232 or 242* |
| STAT 310 or 330 | | BIOL 292 | |
| OEAS 310 | | OEAS 306 | |

YEAR 4 - SENIOR (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> |
| Human Behavior | Transfer Guide | Impact of Technology | Transfer Guide |
| CHEM 441 | | OEAS Elective** | |
| OEAS Elective** | | OEAS 442 | |
| OEAS 441 | | BIOL 415 or OEAS 451W (pre-requisite of BIOL 331 & 291 for BIOL 415) | |
| <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.