### Bachelor of Science in Chemistry (w/ VCCS Equivalencies)

**2015 - 2016 Old Dominion University Catalog**

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.

#### FALL SEMESTER (17 credits) | SPRING SEMESTER (17 credits)
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General Education Coursework: | General Education Coursework: | VCCS Equivalency: | VCCS Equivalency:
CHEM 121N/122N | CHM 111* | CHEM 123N/124N or CHEM 137N/138N | CHM 112*
MATH 162M | MTH 163* | MATH 163 | MTH 164*
PHYS 231N | PHY 231 or 241* | PHYS 232N | PHY 232 or 242*
ENGL 110C | ENG 111* | ENGL 211C, 221C, or 231C | ENG 112, 210, 115 OR 131*
Language and Culture I | Transfer Guide | Language and Culture II | Transfer Guide
(May be waived, see catalog for details)

#### YEAR 1 - FRESHMAN (34 CREDITS)

#### YEAR 2 - SOPHOMORE (30 CREDITS)

#### FALL SEMESTER (15 credits) | SPRING SEMESTER (15 credits)
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General Education and Major Coursework: | General Education and Major Coursework: | VCCS Equivalency: | VCCS Equivalency:
CHEM 211 & CHEM 212 | CHM 241 & 243* | CHEM 213 & 214 | CHM 242 & 244 or 246*
Philosophy and Ethics | Transfer Guide | Human Creativity | Transfer Guide
MATH 211 | MTH 173 or 273* | MATH 212 | MTH 174 or 274*
COMM 101R | CST 100, 105 or 110* | Information Literacy and Research | Transfer Guide

#### YEAR 3 - JUNIOR (32 CREDITS)

#### FALL SEMESTER (17 credits) | SPRING SEMESTER (15 credits)
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Major Coursework: | General Education and Major Coursework: | VCCS Equivalency: | VCCS Equivalency:
CHEM 332W | CHEM 415, 443, 449, 451 or 453
CHEM 321&322 | Human Behavior | Transfer Guide
CHEM 351 | CHEM 441
MATH 312 | CHEM 333
CHEM 331 | Chemistry elective**

#### YEAR 4 - SENIOR (30 CREDITS)

#### FALL SEMESTER (14 credits) | SPRING SEMESTER (16 credits)
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General Education and Major Coursework: | General Education and Major Coursework: | VCCS Equivalency: | VCCS Equivalency:
Interpreting the Past | Transfer Guide | CHEM 485
CHEM 334W | CHEM 352, 442W, 452, 497 or 498
CHEM* 421&422 | Impact of Technology | Transfer Guide
Upper Division Gen. Ed. Coursework: | Chemistry elective**
300-/400-level Option D course | Literature | Transfer Guide
Upper Division Gen. Ed. Coursework: | 300-/400-level Option D course

**Consult catalog and with advisor for

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

Note: Upper division general education may require more than two courses and a minor in Chemistry may not be used to fulfill the upper-division general education requirement.

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.