

2018 - 2019 Old Dominion University Catalog

Bachelor of Science in Chemistry (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 (29 CREDITS)

FALL SEMESTER (14 credits)

General Education and Major Coursework:
 CHEM 121N/122N
 MATH 163
 PHYS 231N
 ENGL 110C

VCCS Equivalency:
 CHM 111*
 MTH 162, 164 or 167*
 PHY 231 or 241*
 ENG 111*

SPRING SEMESTER (15 credits)

General Education and Major Coursework:
 CHEM 123N/124N
 MATH 211
 PHYS 232N
 ENGL 211C, 221C, or 231C

VCCS Equivalency:
 CHM 112*
 MTH 173, 263 or 273*
 PHY 232 or 242*
 ENG 112, 210, 115 OR 131*

YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (15 credits)

General Education and Major Coursework:
 CHEM 211 & CHEM 212 (5 credits)
 MATH 212
 COMM 101R
 Interpreting the Past

VCCS Equivalency:
 CHM 241 & 243*
 MTH 174, 264, or 274*
 CST 100, 105 or 110*
[Transfer Guide](#)

SPRING SEMESTER (15 credits)

General Education and Major Coursework:
 CHEM 213 & 214 (5 credits)
 Human Creativity
 Philosophy and Ethics
 Info Literacy and Research

VCCS Equivalency:
 CHM 242 & 244 or 246*
[Transfer Guide](#)
[Transfer Guide](#)
[Transfer Guide](#)

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (18 credits)

Major Coursework:
 CHEM 321&322 (5 credits)
 CHEM 351
 MATH 312 (4 credits)
 Chemistry elective**
 Language and Culture I (May be waived,
 see catalog for details)

VCCS Equivalency:
[Transfer Guide](#)

SPRING SEMESTER (14 credits)

General Education and Major Coursework:
 CHEM 332W (2 credits)
 CHEM 331
 CHEM 333
 CHEM 441
 Language and Culture II (May be waived,
 see catalog for details)

VCCS Equivalency:
[Transfer Guide](#)

YEAR 4 - SENIOR (29-31 CREDITS)

FALL SEMESTER (14 credits)

General Education and Major Coursework:
 CHEM 334W (2 credits)
 CHEM 421&422 (6 credits)
 Human Behavior
Upper Division Gen. Ed. Coursework:
 300-/400-level Option D course

VCCS Equivalency:
[Transfer Guide](#)

SPRING SEMESTER (15-17 credits)

General Education and Major Coursework:
 CHEM 485 (1 credit)
 CHEM 352 or 442W (2-4 credits)
 Impact of Technology
 Chemistry elective**
 Literature
Upper Division Gen. Ed. Coursework:
 300-/400-level Option D course

VCCS Equivalency:
[Transfer Guide](#)
[Transfer Guide](#)

**Consult catalog and with advisor for options.

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.