

2021 - 2022 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). Associate in Science recommended for ease of transfer.*

YEAR 1 - FRESHMAN (32 CREDITS)

FALL SEMESTER (16 credits)

<u>General Education and Major Coursework:</u> CHEM 121N/122N MATH 162M ENGL 110C Human Creativity Language and Culture I (May be waived, see catalog for details)	<u>VCCS Equivalency:</u> CHM 111* MTH 161, 163 or 167* ENG 111* Transfer Guide Transfer Guide
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SPRING SEMESTER (16 credits)

<u>General Education and Major Coursework:</u> CHEM 123N/124N MATH 163 ENGL 211C, 221C, or 231C Philosophy and Ethics Language and Culture II (May be waived, see catalog for details)	<u>VCCS Equivalency:</u> CHM 112* MTH 162, 164 or 167* ENG 112, 210, 115 OR 131* Transfer Guide Transfer Guide
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YEAR 2 - SOPHOMORE (32 CREDITS)

FALL SEMESTER (16 credits)

<u>General Education and Major Coursework:</u> CHEM 211 & CHEM 212 (5 credits) MATH 211 PHYS 231N Info Literacy and Research (can be met by CHEM 125)	<u>VCCS Equivalency:</u> CHM 241 & 243 or 245* MTH 173, 263, or 273* PHY 231 or 241* Transfer Guide
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SPRING SEMESTER (16 credits)

<u>General Education and Major Coursework:</u> CHEM 213 & 214 (5 credits) MATH 212 PHYS 232N Impact of Technology	<u>VCCS Equivalency:</u> CHM 242 & 244 or 246* MTH 174, 264, or 274* PHY 232 or 242* Transfer Guide
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YEAR 3 - JUNIOR (28-30 CREDITS)

FALL SEMESTER (13-15 credits)

<u>Major Coursework:</u> CHEM 441 CHEM 321&322 (5 credits) CHEM 351 CHEM 352 or 442W (2-4 credits)	<u>VCCS Equivalency:</u>
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SPRING SEMESTER (15 credits)

<u>General Education and Major Coursework:</u> CHEM 415 or CHEM 439 or CHEM 443 or CHEM 451 <u>Upper Division Gen. Ed. Coursework:</u> 300-/400-level Option D course COMM 101R Literature Human Behavior	<u>VCCS Equivalency:</u> CST 100, 105 or 110* Transfer Guide Transfer Guide
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YEAR 4 - SENIOR (29 CREDITS)

FALL SEMESTER (14 credits)

<u>General Education and Major Coursework:</u> CHEM 331 CHEM 332W (2 credits) CHEM 415 or CHEM 439 or CHEM 443 or CHEM 451 <u>Upper Division Gen. Ed. Coursework:</u> 300-/400-level Option D course Interpreting the Past	<u>VCCS Equivalency:</u> Transfer Guide
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SPRING SEMESTER (15 credits)

<u>General Education and Major Coursework:</u> CHEM 485 (1 credit) CHEM 333 CHEM 334W (2 credits) CHEM 421&422 (6 credits) Elective	<u>VCCS Equivalency:</u>
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***Consult catalog and with advisor for options.*

Note: Upper division general education may require more than two courses.

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.

This four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.