

2023 - 2024 Old Dominion University Catalog

Bachelor of Science in Chemistry (BS) (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.*

<u>General Education and Major Coursework:</u> CHEM 121N/122N MATH 163 ENGL 110C Information Literacy and Research -CHEM 160G	<u>VCCS Equivalency:</u> CHM 111* MTH 162, 164 or 167* ENG 111*	<u>General Education and Major Coursework:</u> CHEM 123N/124N or CHEM 125 MATH 211 ENGL 211C or 231C Philosophy and Ethics	<u>VCCS Equivalency:</u> CHM 112* MTH 173, 263, or 273* ENG 112, 210, 115 OR 131* Transfer Equivalency Guide
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<u>General Education and Major Coursework:</u> CHEM 211 & CHEM 212 (5 credits) MATH 212 PHYS 231N Human Creativity	<u>VCCS Equivalency:</u> CHM 241 & 243 or 245* MTH 174, 264, or 274* PHY 231 or 241* Transfer Equivalency Guide	<u>General Education and Major Coursework:</u> CHEM 213 & 214 or 216 (5 credits) CHEM 321&322 (5 credits) PHYS 232N Elective	<u>VCCS Equivalency:</u> CHM 242 & 244 or 246* PHY 232 or 242*
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YEAR 3 - JUNIOR (30-32 CREDITS)

FALL SEMESTER (16-18 credits)

Major Coursework:
 CHEM 331
 CHEM 352 or 442W (2-4 credits)
 CHEM 351
 CHEM 441
 CHEM 332W (2 credits)

VCCS Equivalency:

[Transfer Equivalency Guide](#)
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SPRING SEMESTER (14 credits)

General Education and Major Coursework:
 CHEM 333
 CHEM 334W (2 credits)
 CHEM 415, 439, 443, or 451
 COMM 101R
Literature

VCCS Equivalency:

CST 100, 105 or 110*
[Transfer Equivalency Guide](#)

FALL SEMESTER (15 credits)

General Education and Major Coursework:
 CHEM 415, 439, 443, or 451
Interpreting the Past
Human Behavior
Language and Culture I (May be waived, see catalog for details)
Upper Division Gen. Ed. Coursework:
 300-/400-level Option D course

VCCS Equivalency:

General Education and Major Coursework:
 CHEM 421&422 (6 credits)
 CHEM 485 (1 credit)
Impact of Technology
Language and Culture II (May be waived, see catalog for details)
Upper Division Gen. Ed. Coursework:
 300-/400-level Option D course

VCCS Equivalency:

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