

2024 - 2025 Old Dominion University Catalog

Bachelor of Science in Chemistry with a Major in Chemistry - Research (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 degrees, not automatically waived*

General Education and Major Coursework:
 CHEM 121N/122N
 MATH 163
 ENGL 110C
 Information Literacy and Research -CHEM 160G

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

General Education and Major Coursework:
 CHEM 123N/124N or CHEM 125
 MATH 211
 ENGL 211C or 231C
 Philosophy and Ethics

VCCS Equivalency:
 CHM 112*
 MTH 173, 263, or 273*
 ENG 112, 210, 115 OR 131*
[Transfer Equivalency Guide](#)

General Education and Major Coursework:
 CHEM 211 & CHEM 212 (5 credits)
 MATH 212
 PHYS 231N
 Human Creativity

VCCS Equivalency:
 CHM 241 & 243 or 245*
 MTH 174, 264, or 274*
 PHY 231 or 241*
[Transfer Equivalency Guide](#)

General Education and Major Coursework:
 CHEM 213 & 214 or 216 (5 credits)
 CHEM 321&322 (5 credits)
 PHYS 232N
 Elective

VCCS Equivalency:
 CHM 242 & 244 or 246*
 PHY 232 or 242*

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

VCCS Equivalency:

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](#)

General Education and Major Coursework:
 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:
[Transfer Equivalency Guide](#)
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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:
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