

2019 - 2020 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)

General Education and Major Coursework:

CHEM 121N/122N

MATH 162M

ENGL 110C

Human Creativity

Language and Culture I (May be waived, see catalog for details)

VCCS Equivalency:

CHM 111*

MTH 161, 163 or 167*

ENG 111*

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SPRING SEMESTER (16 credits)

General Education and Major Coursework:

CHEM 123N/124N

MATH 163

ENGL 211C, 221C, or 231C

Philosophy and Ethics

Language and Culture II (May be waived, see catalog for details)

VCCS Equivalency:

CHM 112*

MTH 162, 164 or 167*

ENG 112, 210, 115 OR 131*

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YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (15 credits)

General Education and Major Coursework:

CHEM 211 & CHEM 212 (5 credits)

MATH 211

COMM 101R

Info Literacy and Research

VCCS Equivalency:

CHM 241 & 243*

MTH 173, 263, or 273*

CST 100, 105 or 110*

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SPRING SEMESTER (18 credits)

General Education and Major Coursework:

CHEM 213 & 214 (5 credits)

MATH 212

PHYS 231N

CHEM 321&322 (5 credits)

VCCS Equivalency:

CHM 242 & 244 or 246*

MTH 174, 264, or 274*

PHY 231 or 241*

YEAR 3 - JUNIOR (31 CREDITS)

FALL SEMESTER (16 credits)

Major Coursework:

CHEM 332W (2 credits)

PHYS 232N

CHEM 351

MATH 312 (4 credits)

CHEM 331

VCCS Equivalency:

PHY 232 or 242*

MTH 275 or 277*

SPRING SEMESTER (15 credits)

General Education and Major Coursework:

CHEM 333

CHEM 441

Chemistry elective**

Chemistry elective**

Human Behavior

VCCS Equivalency:

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YEAR 4 - SENIOR (28 CREDITS)

FALL SEMESTER (14 credits)

General Education and Major Coursework:

CHEM 334W (2 credits)

CHEM 421&422 (6 credits)

Interpreting the Past

Upper Division Gen. Ed. Coursework:

300-/400-level Option D course

VCCS Equivalency:

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SPRING SEMESTER (13 credits)

General Education and Major Coursework:

CHEM 485 (1 credit)

CHEM 352 or 442W (2-4 credits)

Impact of Technology

Literature

Upper Division Gen. Ed. Coursework:

300-/400-level Option D course

VCCS Equivalency:

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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.