

2017 - 2018 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)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 121N/122N	CHM 111*
MATH 163	MTH 162, 164 or 167*
PHYS 231N	PHY 231 or 241*
ENGL 110C	ENG 111*

SPRING SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 123N/124N	CHM 112*
MATH 211	MTH 173, 263 or 273*
PHYS 232N	PHY 232 or 242*
ENGL 211C, 221C, or 231C	ENG 112, 210, 115 OR 131*

YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 211 & CHEM 212	CHM 241 & 243*
MATH 212	MTH 174, 264, or 274*
COMM 101R	CST 100, 105 or 110*
Interpreting the Past	Transfer Guide

SPRING SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 213 & 214	CHM 242 & 244 or 246*
Human Creativity	Transfer Guide
Chemistry lab elective**	
Info Literacy and Research	Transfer Guide

YEAR 3 - JUNIOR (29 CREDITS)

FALL SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 321&322	
CHEM 351	
MATH 312	
CHEM 331	

SPRING SEMESTER (14 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
Chemistry elective**	
CHEM 332W	
CHEM 441	
CHEM 333	
Human Behavior	Transfer Guide

YEAR 4 - SENIOR (33 CREDITS)

FALL SEMESTER (17 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
Elective**	
Philosophy and Ethics	Transfer Guide
CHEM 334W	
CHEM 421&422	
<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level Option D course	

SPRING SEMESTER (16 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 485	
CHEM 352, 442W, 452, or 490/499	
Impact of Technology	Transfer Guide
Chemistry elective**	
Literature	Transfer Guide
<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level Option D course	

**Consult catalog and with advisor for options.

Language and Culture may be waived, see ODU catalog.

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.