

## 2015 - 2016 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.*

#### YEAR 1 - FRESHMAN (34 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (17 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 121N/122N	CHM 111*	CHEM 123N/124N or CHEM 137N/138N	CHM 112*
MATH 162M	MTH 163*	MATH 163	MTH 164*
PHYS 231N	PHY 231 or 241*	PHYS 232N	PHY 232 or 242*
ENGL 110C	ENG 111*	ENGL 211C, 221C, or 231C	ENG 112, 210, 115 OR 131*
Language and Culture I (May be waived, see catalog for details)	<a href="#">Transfer Guide</a>	Language and Culture II (May be waived, see catalog for details)	<a href="#">Transfer Guide</a>

#### YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (15 credits)	
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 211 & CHEM 212	CHM 241 & 243*	CHEM 213 & 214	CHM 242 & 244 or 246*
Philosophy and Ethics	<a href="#">Transfer Guide</a>	Human Creativity	<a href="#">Transfer Guide</a>
MATH 211	MTH 173 or 273*	MATH 212	MTH 174 or 274*
COMM 101R	CST 100, 105 or 110*	Information Literacy and Research	<a href="#">Transfer Guide</a>

#### YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 332W		CHEM 415, 443, 449, 451 or 453	
CHEM 321&322		Human Behavior	<a href="#">Transfer Guide</a>
CHEM 351		CHEM 441	
MATH 312		CHEM 333	
CHEM 331		Chemistry elective**	

#### YEAR 4 - SENIOR (30 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (16 credits)	
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
Interpreting the Past	<a href="#">Transfer Guide</a>	CHEM 485	
CHEM 334W		CHEM 352, 442W, 452, 497 or 498	
CHEM 421&422		Impact of Technology	<a href="#">Transfer Guide</a>
<u>Upper Division Gen. Ed. Coursework:</u>		Chemistry elective**	
300-/400-level Option D course		Literature	<a href="#">Transfer Guide</a>
		<u>Upper Division Gen. Ed. Coursework:</u>	
		300-/400-level Option D course	

\*\*Consult catalog and with advisor for

Language and Culture may be waived, see ODU catalog for exemptions.

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.