

2020 - 2021 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)		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>
CHEM 121N/122N	CHM 111*	CHEM 123N/124N	CHM 112*
MATH 162M	MTH 161, 163 or 167*	MATH 163	MTH 162, 164 or 167*
ENGL 110C	ENG 111*	ENGL 211C, 221C, or 231C	ENG 112, 210, 115 OR 131*
Human Creativity	Transfer Guide	Philosophy and Ethics	Transfer Guide
Language and Culture I (May be waived, see catalog for details)	Transfer Guide	Language and Culture II (May be waived, see catalog for details)	Transfer Guide

YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (18 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 (5 credits)	CHM 241 & 243*	CHEM 213 & 214 (5 credits)	CHM 242 & 244 or 246*
MATH 211	MTH 173, 263, or 273*	MATH 212	MTH 174, 264, or 274*
COMM 101R	CST 100, 105 or 110*	PHYS 231N	PHY 231 or 241*
Info Literacy and Research	Transfer Guide	CHEM 321&322 (5 credits)	

YEAR 3 - JUNIOR (30 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (14 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 332W (2 credits)		CHEM 333	
PHYS 232N	PHY 232 or 242*	CHEM 441	
CHEM 351		CHEM 415 or CHEM 439 or CHEM 443 or CHEM 451	
CHEM 331		CHEM 334W (2 credits)	
CHEM 352 or 442W (2-4 credits)		Human Behavior	Transfer Guide

YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (15 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>
CHEM 415 or CHEM 439 or CHEM 443 or CHEM 451		CHEM 485 (1 credit)	
CHEM 421&422 (6 credits)		Impact of Technology	Transfer Guide
Interpreting the Past	Transfer Guide	Literature	Transfer Guide
<u>Upper Division Gen. Ed. Coursework:</u>		<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level Option D course		300-/400-level Option D course	
		Electives (6 credits)	

**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.