

2024 - 2025 Old Dominion University Catalog

Bachelor of Science in Chemistry with a Major in Chemistry Pre-Med (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 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 (31 CREDITS)

FALL SEMESTER (17 credits)

General Education and Major Coursework:	VCCS Equivalency:
CHEM 121N & 122N*	CHM 111
BIOL 121N & 122N*	BIO 101
ENGL 110C*	ENG 111
MATH 163 or 205*	MTH 162, 164, 173 or 263
Information Literacy and Research -CHEM 160G	

SPRING SEMESTER (14 credits)

General Education and Major Coursework:	VCCS Equivalency:
CHEM 123N & 124N*	CHM 112
BIOL 123N & 124N*	BIO 102
STAT 130M*	MTH 146, 155, 157, 240, 241, 242 or 245
ENGL 211C or 231C*	ENG 115 or 131

YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (15 credits)

General Education and Major Coursework:	VCCS Equivalency:
CHEM 211 & CHEM 212 (5 credits)*	CHM 241 & 243 or 245
PHYS 111N*	PHY 111, 121 or 201
BIOL 293	
PSYC 201S*	PSY 200 or 201

SPRING SEMESTER (15 credits)

General Education and Major Coursework:	VCCS Equivalency:
CHEM 213 & 214 (5 credits)*	CHM 242 & 244 or 246
PHYS 112N*	PHY 112, 122 or 202
BIOL 294	
SOC 201S (Meets Human Behavior)*	SOC 200, 201 or 202

YEAR 3 - JUNIOR (29-34 CREDITS)

FALL SEMESTER (15-18 credits)

General Education and Major Coursework:	VCCS Equivalency:
BIOL 240 or 250*	BIO 141
CHEM 441	
CHEM 321 & 322	
CHEM 351	
Language and Culture I (May be waived, see catalog for details)	Transfer Equivalency Guide

SPRING SEMESTER (14-17 credits)

General Education and Major Coursework:	VCCS Equivalency:
BIOL 241 or 251*	BIO 142
CHEM 443	
CHEM 442W	
COMM 101R*	CST 100 or 105
Language and Culture II (May be waived, see catalog for details)	Transfer Equivalency Guide

YEAR 4 - SENIOR (30-31 CREDITS)

FALL SEMESTER (15 credits)

General Education and Major Coursework:	VCCS Equivalency:
CHEM 421 and 422	
PHIL 345E (Meets Philosophy and Ethics)	
Interpreting the Past	Transfer Equivalency Guide
Human Creativity	Transfer Equivalency Guide

SPRING SEMESTER (15-16 credits)

General Education and Major Coursework:	VCCS Equivalency:
CHEM Elective**	
CHEM 485	
Impact of Technology	Transfer Equivalency Guide
Literature	Transfer Equivalency Guide
Upper Division Gen. Ed. Coursework:	
300-/400-level Option D or Approved Minor**	
300-/400-level Option D or Approved Minor**	

**Consult with your advisor, Degree Works and the ODU Catalog.

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 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.

This four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.