

2021 - 2022 Old Dominion University Catalog

Bachelor of Science in Chemistry, Pre-Med Concentration (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)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
ENGL 110C*	ENG 111
COMM 101R*	CST 100, 105 or 110
STAT 130M*	MTH 146, 155, 157, 240, 241, 242 or 245
Language and Culture I (May be waived, see catalog for details)	Transfer Guide
BIOL 121N & 122N*	BIO 101

SPRING SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
ENGL 231C*	ENG 115 or 131
Human Creativity	Transfer Guide
Interpreting the Past	Transfer Guide
Language and Culture II (May be waived, see catalog for details)	Transfer Guide
BIOL 123N & 124N*	BIO 102

YEAR 2 - SOPHOMORE (32 CREDITS)

FALL SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
Info Literacy and Research (can be met by CHEM 125)	Transfer Guide
Impact of Technology	Transfer Guide
Literature	Transfer Guide
<u>Major Coursework:</u>	
MATH 162M*	MTH 161 or 163
CHEM 121N & 122N*	CHM 111

SPRING SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
SOC 201S (Meets Human Behavior)*	SOC 200, 201 or 202
PSYC 201S*	PSY 200 or 201
<u>Major Coursework:</u>	
MATH 163 or 205 or 211*	MTH 162, 164, 173 or 263
CHEM 123N & 124N*	CHM 112
CHEM Elective**	

YEAR 3 - JUNIOR (35 CREDITS)

FALL SEMESTER (18 credits)

<u>Major Coursework:</u>	
BIOL 240 or 250*	BIO 141
CHEM 211 & CHEM 212 (5 credits)*	CHM 241 & 243 or 245
BIOL 293	
BIOL 294	
PHIL 345E (Meets Philosophy and Ethics)	

SPRING SEMESTER (17 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
BIOL 241 or 251*	BIO 142
CHEM 213 & 214 (5 credits)*	CHM 242 & 244 or 246
CHEM 351	
CHEM 321	
CHEM 322	

YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (16 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
PHYS 111N*	PHY 111, 121 or 201
CHEM 441	
CHEM 421	
CHEM 422	
<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level Option D or Approved Minor**	

SPRING SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
PHYS 112N*	PHY 112, 122 or 202
CHEM 442W	
CHEM 443	
CHEM 485	
<u>Upper Division Gen. Ed. Coursework:</u>	
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 221C 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.