

2020 - 2021 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>
Information Literacy and Research	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 205 or 211*	MTH 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.