

2022-2023 Old Dominion University Catalog

Bachelor of Science in Environmental Health (w/ VCCS Equivalencies)

*Sample four year curriculum with a suggested ordering of courses based on placement into BIOL 121N/122N, CHEM 121N/122N, and MATH 162M or higher. 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). AS in Health Science or Science recommended for ease of transfer.*

YEAR 1 - FRESHMAN (30 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (17 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
*ENGL 110C English Composition I	ENG 111	*ENGL 231C Technical Writing	ENG 113, 115, or 131
*BIOL 121N/122N General Biology I	BIO 101	*BIOL 123N/124N General Biology II	BIO 102
*Math 162M Pre-Calculus	MTH 161 or 163	*STAT 130M Statistics	MTH 146, 155, 157, 240, 241, 242, or 245
Information Literacy and Research Language and Culture I <i>(May be waived, see catalog for details)</i>	VCCS Transfer Guide VCCS Transfer Guide	*CHEM 121N/122N General Chemistry I Language and Culture I <i>(May be waived, see catalog for details)</i>	CHM 111 VCCS Transfer Guide

YEAR 2 - SOPHOMORE (28 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (15 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
*CHEM 123N/124N General Chemistry II	CHM 112	*CHEM 211 Organic Chem I	CHM 241
*BIOL 150/151 Introduction to Microbiology	BIO 150	*CHEM 212 Organic Chem I Lab	CHM 242
Human Behavior Interpreting the Past	VCCS Transfer Guide VCCS Transfer Guide	*PHYS 101N or 111N: Physics I Literature Human Creativity	PHY 100, 101, 111 or 201 VCCS Transfer Guide VCCS Transfer Guide
*COMM 101R Public Speaking	CST 100, 105, or 110		VCCS Transfer Guide

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENVH 301 Principles of Environmental Health Science		ENVH 420 Communicable Diseases	
ENVH 402W Environmental and Occupational Health Administration and Law		ENVH 422 Water and Wastewater Technology	
ENVH 406 Principles of Occupational Safety and Health		ENVH 448 Epidemiology and Biostatistics	
*BIOL 250 Human A&P I or BIOL 240 Fundamentals of A&P I	BIO 100, BIO 141 or 231	Impact of Technology and Option D (choose 300/400 level Impact of Technology "T" course) Philosophy and Ethics and Option D (choose 300 or 400 level Philosophy course; PHIL 345E preferred)	
ENVH 403 Environmental and Occupational Health Internship I			

SUMMER SEMESTER (3 credits)

YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (12-13 credits)		SPRING SEMESTER (13 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency</u>
ENVH 441 Industrial Hygiene		ENVH 443 Principles of Toxicology	
ENVH Elective**		ENVH 466 Environmental and Occupational Risk Assessment and Decision Analysis	
ENVH Elective** Electives		ENVH Elective** ENVH Elective**	
		ENVH 499 Environmental and Occupational Health Senior Seminar	

***PROGRAM REQUIREMENTS:** Students must complete the following courses prior to entering the Environmental Health Program: ENGL 110C, ENGL 231C, BIOL 121N/122N, BIOL 123N/124N, BIOL 150/151, BIOL 250 or 240, CHEM 121N/122N, CHEM 123N/124N, CHEM 211, CHEM 212, PHYS 111N, COMM 101R, MATH 162M and STAT 130M. Grade of C or better required to transfer; grade of C or better required in ENGL 110C and 231C.

<https://www.odu.edu/sceh/academics/undergraduate>

**Consult with advisor for areas of specialization/elective choices

NOTE: Option D satisfies the Upper Division General Education requirement by completing six (6) credits at the 300-400 level EXCEPT CYTO, CHP, DNTH, ENVH, HLTH, MLS, NMED, NURS, PUBH. Foreign language may be satisfied with 3 years of 1, or 2 years of 2 languages in high school; graduation from HS prior to 12/31/85, or with AA or AS Degree from VCCS. Elective credit may be needed to meet the minimum requirement of 120 credit hours.

GRADUATION REQUIREMENTS: Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a minimum of 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 for Old Dominion University, completion of ENGL 110C and ENGL 211C, 221C or 231C, and the writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.