

2018 - 2019 Old Dominion University Catalog

Bachelor of Science in Environmental Health

Sample four year curriculum with a suggested ordering of courses based on placement into CHEM 121N and MATH 162M or higher AND the completion of Language and Culture in High School. Students may re-order as needed.

YEAR 1 - FRESHMAN (30 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (14 credits)	
<u>General Education Coursework:</u>	<u>Credits:</u>	<u>General Education Coursework:</u>	<u>Credits:</u>
*ENGL 110C English Composition I	3	*ENGL 231C Technical Writing	3
*BIOL 121N/122N: General Biology I	4	*BIOL 123N/124N: General Biology II	4
*Math 162M Pre-Calculus	3	*STAT 130M	3
*COMM 101R Public Speaking	3	*CHEM 121N/122N General Chemistry I	4
Information Literacy and Research (or other Gen Ed)	3		

YEAR 2 - SOPHOMORE (28 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (14 credits)	
<u>General Education Coursework:</u>	<u>Credits:</u>	<u>General Education Coursework:</u>	<u>Credits:</u>
ENVH 301 Environmental Health	3	*CHEM 211 Organic Chem I	3
*CHEM 123N/124N General Chemistry II	4	*CHEM 212 Organic Chem I Lab	2
*BIOL 103 Basic Bacteriology	4	Interpreting the Past (or other Gen Ed)	3
Human Behavior (or other Gen Ed)	3	Literature (or other Gen Ed)	3
		Human Creativity (or other Gen Ed)	3

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>Credits:</u>	<u>Major Coursework:</u>	<u>Credits:</u>
ENVH 402W Environmental Health Administration & Law	3	ENVH 420 Communicable Diseases & Their Control	3
ENVH 406 Principles of Occupational Safety & Health	3	ENVH 422 Water & Wastewater Technology	3
*PHYS 101N or 111N: Physics I	4	ENVH 448 Epidemiology & Biostatistics	3
*BIOL 250 Human A&P I or BIOL 240 Fundamentals of A&P I	4	Impact of Technology/Option D (satisfied by 300/400 level Impact of Technology "T" course)	3
		Philosophy and Ethics/Option D (satisfied by 300 or 400 level Philosophy course; PHIL 345E preferred)	3
SUMMER SEMESTER (3 credits)			
ENVH 403 Environmental Health Internship	3		

YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (16 credits)	
<u>Major Coursework:</u>	<u>Credits:</u>	<u>Major Coursework:</u>	<u>Credits:</u>
ENVH 441 Industrial Hygiene	3	ENVH 443 Principles of Toxicology	3
ENVH Elective	3	ENVH 466 Environmental Risk Assessment & Decision Analysis	3
ENVH Elective	3	ENVH Elective	3
Elective	3	ENVH Elective	3
Elective	3	ENVH 499 Environmental Health Senior Seminar	1
		Elective	3

MATH/SCIENCE PLACEMENT INFORMATION:

STAT 130M requires Math SAT of 460 (OLD)/500 (NEW) or better or ACT of 24 or better or credit for MATH 102M or 103M;

MATH 162M requires a Math SAT of 560/580 or better or ACT of 30 or better or credit for MATH 102M or 103M

BIOL 121N requires placement into ENGL 110C (score of 3 on WSPT) or credit for ENGL 110C and score of 460(OLD)/500(NEW) or higher on MATH SAT or score of 24 or higher on MATH ACT or credit for MATH 102M or 103M.

CHEM 121N requires credit for Math 102M or 103M with a grade of C or better OR placement into MATH 162M and one of the following: CHEM 103 with a grade of C or better, CHEM 105N with a grade of C or better, Score of 3 or better on the Chemistry Placement Exam, Score of 80% or better on the Chemistry Review Modules Final Exam

PHYS 111N requires credit for MATH 102M or 103M with grade of C or better

***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 103, BIOL 250 or 240, CHEM 121N/122N, CHEM 123N/124N, CHEM 211, CHEM 212, PHYS 111N, COMM 101R, MATH 162M and STAT 130M.

NOTE: Option D satisfies the Upper Division General Education requirement by completing six (6) credits at the 300-400 level outside of the college of your major. 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.