

2015 - 2016 Old Dominion University Catalog Bachelor of Science in Environmental Health

Sample four year curriculum with a suggested ordering of courses based on placement into MATH 102M or higher. Students may re-order as needed.

YEAR 1 - FRESHMAN (29/32 CREDITS)

FALL SEMESTER (13/16 credits)		SPRING SEMESTER (16 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 102M	3	*Math 162M Pre-Calculus	3
*COMM 101R Public Speaking	3	Information Literacy and Research (or other Gen Ed)	3
Human Creativity (or other Gen Ed)	3	Interpreting the Past (or other Gen Ed)	3

YEAR 2 - SOPHOMORE (27 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (13 credits)	
<u>General Education Coursework:</u>	<u>Credits:</u>	<u>General Education Coursework:</u>	<u>Credits:</u>
*PHYS 101N or 111N: Physics I	4	*STAT 130M Elementary Statistics	3
*CHEM 121N/122N General Chemistry I****	4	*CHEM 123N/124N General Chemistry II	4
Human Behavior (or other Gen Ed)	3	Literature (or other Gen Ed)	3
Philosophy and Ethics/Option D (satisfied by 300 or 400 level Philosophy course; PHIL 345E preferred)	3	Impact of Technology/Option D (satisfied by 300/400 level Impact of Technology "T" course)	3

YEAR 3 - JUNIOR (36 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (16 credits)	
<u>Major Coursework:</u>	<u>Credits:</u>	<u>Major Coursework:</u>	<u>Credits:</u>
ENVH 301W Environmental Health	3	ENVH 422 Water & Wastewater	3
ENVH 401 Occupational Health	3	ENVH 448 Epidemiology	3
ENVH 402W Environmental Health	3	ENVH 420 Communicable Diseases	3
*CHEM 211 Organic Chem I	3	*CHEM 213 Organic Chem II	3
*CHEM 212 Organic Chem I Lab	2	*BIOL 103 Basic Bacteriology	4

SUMMER SEMESTER (6 credits)

ENVH 403/404 or 405 Internship	3/3 OR 6
--------------------------------	----------

YEAR 4 - SENIOR (29 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (13 credits)	
<u>Major Coursework:</u>	<u>Credits:</u>	<u>Major Coursework:</u>	<u>Credits:</u>
ENVH 406 Occupational Safety	3	ENVH 443 Toxicology	3
ENVH 466 Risk Assessment	3	ENVH 499 Seminar	1
ENVH 441 Industrial Hygiene	4	ENVH Elective	3
*BIOL 250 Anatomy & Physiology I	3	ENVH Elective	3
ENVH Elective	3	ENVH Elective	3

* Program requirement, must be completed before applying to the Environmental Health program

**If needed as prerequisite to MATH 162M. Students may need MATH prerequisite before taking MATH 162M depending on SAT/ACT score or previous math credit. Score of 560 or higher on Math SAT or 30 or higher on Math ACT or credit for MATH 102M or 103M with grade of C or better required for placement into MATH 162M.

***BIOL 121N prerequisite requirement: placement into ENGL 110C (score of 3 on WSPT) or credit for ENGL 110C **and** score of 460 or higher on MATH SAT or score of 24 or higher on MATH ACT or credit for MATH 102M or 103M. Students who do not meet MATH placement requirement must complete MATH 103M: College Algebra with Supplemental Instruction

****CHEM 121N Prerequisite requirement: Math 102M or 103M with a grade of C or better **and** one of the following: CHEM 103N with a grade of P (Pass/Fail), 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

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.

GRADUATION REQUIREMENTS: Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a minimum of 121 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.