



AS # 3046 ENVIRONMENTAL SCIENCE
EFFECTIVE FALL 2020

62 credits

This is an overview of the program. Any suggested course sequencing is meant to serve as a guideline for your semester planning. Students are expected to see your assigned advisor to develop and review their individual educational plans. The scheduling of courses, program sequencing and curriculum are subject to change.

Developmental Courses (as determined through College Placement Testing)* and Prerequisites:

* Zero level courses must be completed with a C grade or higher.

<input type="checkbox"/>	ESL classes	<input type="checkbox"/>	Engl 050	<input type="checkbox"/>	Math 006	<input type="checkbox"/>	BIOL 111/115/108	<input type="checkbox"/>	
<input type="checkbox"/>	Engl 002	<input type="checkbox"/>	Engl 051	<input type="checkbox"/>	Math 090	<input type="checkbox"/>	CHEM 100	<input type="checkbox"/>	
<input type="checkbox"/>	Engl 003	<input type="checkbox"/>	Engl 057	<input type="checkbox"/>	Math 091	<input type="checkbox"/>		<input type="checkbox"/>	

*See counselor/advisor to discuss this course or options to self-remediate and successfully place into higher- or college-level course.

General Education Courses		Prerequisites
ENGL 101	3cr	Eligibility for enrollment into ENGL 101
ENGL 102 or ENGL 104	3cr	Completion of ENGL 101 w/grade of C or higher
COMM 101	3cr	Eligibility for enrollment into ENGL 101
HUM & ARTS ELECTIVE	3cr	See approved list of Humanities and Arts Elective courses
SCIENCE with a LABORATORY ELECTIVE (BIOL 101)	4cr	For BIOL 101: ENGL 101 and reading ability at the ENGL 003 level or higher; High School Biology & Chemistry; or CHEM 100 & BIOL 108 or 111 or 115 with grades of C or higher.
SOCIAL & BEHAVIORAL SCIENCES ELECTIVE	3cr	See approved list of Social & Behavioral Sciences Elective courses
MATHEMATICS OR SCIENCE ELECTIVE (MATH 202 recommended)	3-4cr	For recommended MATH 202: Placement through the College Testing and Placement Program or completion of MATH 080, or 090 with a grade of C or higher; and ENGL 057 (or a combination of ENGL 003 and ENGL 051) with a grade of C or higher. See approved list of Mathematics Electives for other options.
MATHEMATICS ELECTIVE (MATH 103 or higher recommended)	3-4cr	For recommended MATH 103: Placement through the College Testing and Placement Program or completion of MATH 091 with grades of C or higher. See approved list of Mathematics or Science Electives for other options.
PE/WELLNESS	1cr	See HACC catalog for a list of Wellness courses
FIRST YEAR SEMINAR (FYS) (SCI 100 recommended)	1cr	One credit hour in FYS coursework unless exempted by examination. See HACC catalog for a list of approved courses.

Required Program Courses		Prerequisites
BIOL 102	4cr	General Biology II
ENVS 201	4cr	Environmental Science with Laboratory
GEOL 201	4cr	Environmental Geology
GIS 141	3cr	Introduction to Geospatial Technology
Biology Concentration (Option #1)	19cr	CHEM 101, CHEM 102, AND Select 11 cr. from the following: BIOL 206, BIOL 212, BIOL 215, BIOL 221, ENVS 220
Geoscience Concentration (Option #2)	21cr	GEOG 101, GEOG 201 or GEOG 230, GEOL 101; AND Select 11 cr. from the following: BIOL 206, CHEM 101, CHEM 102, ENVS 220, PHYS 201

Recommended Sequence For Full-Time Students

Part-time students can complete this program by taking one or more courses each semester.

Semester 1		Semester 2		Semester 3		Semester 4	
BIOL 101	4	BIOL 102	4	CHEM 101 (Biology Concentration) or GEOG 101 (Geoscience Concentration)	3-4	CHEM 102 (Biology Concentration) or GEOL 201/230 (Geoscience Concentration)	3-4
ENGL 101	3	ENGL 102 or ENGL 104	3	COMM 101	3	Biology Concentration Electives (11 credits) OR Geoscience Electives (11 credits)	11
ENVS 201	4	GEOL 201	4	Social/Behavioral Science Elective	3	GEOL 101 (Geoscience Concentration only)	4
Humanities/Arts Elective	3	MATH 103 (or higher)	3	GIS 141	3		
FYS Elective	1	ENVS 220 (elective for both concentrations)	3	MATH 202	4		
Wellness	1						

Counselor/Advisor Contact Information by Campus:

<u>Gettysburg</u>	<u>Harrisburg</u>	<u>Lancaster</u>	<u>Lebanon</u>	<u>York</u>
Student Services	Counseling and Advising	Counseling and Advising	Receptionist Desk	Counseling and Advising
Lobby	Cooper 219	221 Main	Lobby	Leader Suite 104
717-780-2498	717-780-2498	717-780-2498	717-780-2498	717-780-2498