



**AS 3046 ENVIRONMENTAL SCIENCE**  
**Effective Fall 2018**

**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"/>	Math 033	<input type="checkbox"/>	Biol 111
<input type="checkbox"/>	Engl 002	<input type="checkbox"/>	Engl 051	<input type="checkbox"/>	Math 090	<input type="checkbox"/>	Math 044	<input type="checkbox"/>	Chem 100
<input type="checkbox"/>	Engl 003	<input type="checkbox"/>	Engl 057	<input type="checkbox"/>	Math 008	<input type="checkbox"/>	Math 045	<input type="checkbox"/>	Math 103/104
<input type="checkbox"/>	Engl 007			<input type="checkbox"/>	Math 022	<input type="checkbox"/>	Math 055	<input type="checkbox"/>	Math 119

\*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
<b>ENGL 101</b>	3cr	Eligibility for enrollment into ENGL 101
<b>ENGL 102 or ENGL 104</b>	3cr	Completion of ENGL 101 w/grade of C or higher
<b>COMM 101</b>	3cr	Eligibility for enrollment into ENGL 101
<b>HUM &amp; ARTS ELECTIVE</b>	3cr	See approved list of Humanities & Arts electives
<b>SOCIAL &amp; BEHAVIORAL SCIENCES ELECTIVE</b>	3cr	See approved list of Social & Behavioral Science electives
<b>PE/WELLNESS</b>	1cr	See HACC catalog for a list of Wellness courses
<b>FIRST YEAR SEMINAR (FYS – REC. SCI 100)</b>	1cr	One credit hour in FYS coursework unless exempted by examination. See HACC catalog for a list of approved courses. (Recommend SCI 100)

Required Program Courses			Prerequisites
<b>BIOL 101</b>	4cr	General Biology I	High school academic biology and chemistry; Pre or Co-requisite: ENGL 101 and reading ability of ENGL 003 or higher; or permission of the instructor.
<b>BIOL 102</b>	4cr	General Biology II	BIOL 101 or the equivalent with a grade of C or higher
<b>ENVS 201</b>	4cr	Introduction to Environmental Science	High school academic biology and chemistry
<b>GEOL 201</b>	4cr	Physical Geology	n/a
<b>GIS 141</b>	3cr	Introduction to Geospatial Technology	n/a
<b>MATH 103 OR 104 OR 119 OR 121</b>	3-4cr	College algebra/trigonometry/pre-calculus/calculus	Discuss prerequisite w/advisor
<b>MATH 202</b>	4cr	Statistics	Placement through the College Testing and Placement Program or completion of MATH 055 w/grade of C or higher; eligibility for enrollment into ENGL 101
<b>*BIOLOGY CONCENTRATION (Option #1)</b>	19 cr.	CHEM 101, CHEM 102, AND SELECT 11 cr. from the following: BIOL 206, BIOL 212, BIOL 215, BIOL 221, ENVS 220	See college catalog based on course selection; discuss prerequisites w/advisor
<b>*GEOSCIENCE CONCENTRATION (Option #2)</b>	21 cr.	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	See college catalog based on course selection; discuss prerequisites w/advisor

### Recommended Sequence For Full-Time Students – BIOLOGY CONCENTRATION

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	BIOL Concentration Elective	4	BIOL Concentration Elective	4
ENGL 101	3	BIOL Concentration Elective	4	CHEM 101	4	CHEM 102	4
ENVS 201	4	ENGL 102 or ENGL 104	3	COMM 101	3	Humanities/Arts Elective	3
FYS Elective (rec. SCI 100)	1	GEOL 201	4	GIS 141	3	MATH 202	4
MATH 103, 104, 119, or 121	3-4	PE/Wellness	1	Social/Behavioral Science Elective	3		

### Recommended Sequence For Full-Time Students – GEOSCIENCE CONCENTRATION

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

Semester 1		Semester 2		Semester 3		Semester 4	
ENGL 101	3	ENGL 102 or 104	4	BIOL 101	4	BIOL 102	4
ENVS 201	4	GEOL 201	4	COMM 101	4	GEOL 101	4
FYS Elective (rec. SCI 100)	1	GEOG 201 or 230	3	GIS 141	4	Geoscience Concentration Elective	4
GEOG 101	3	Geoscience Concentration Elective	4	Geoscience Concentration Elective	4	MATH 202	4
MATH 103, 104, 119, or 121		PE/Wellness	1	Social/Behavioral Science Elective	3	Humanities/Arts Elective	3

### 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
717-337-3855	717-780-2498	717-358-2988	717-270-4222	717-801-3213