



AS 4760 GEOSPATIAL TECHNOLOGY
Effective Fall 2019

60 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"/>	Engl 002	<input type="checkbox"/>	Engl 051	<input type="checkbox"/>	Math 090	<input type="checkbox"/>	Math 044		
<input type="checkbox"/>	Engl 003	<input type="checkbox"/>	Engl 057	<input type="checkbox"/>	Math 008	<input type="checkbox"/>	Math 045		
<input type="checkbox"/>	Engl 007			<input type="checkbox"/>	Math 022	<input type="checkbox"/>	Math 055		

*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 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 & Arts electives
FREE ELECTIVES (9 cr)	9cr	See HACC catalog. Students are to select three courses. Consult w/advisor for best course selection.
PE/WELLNESS	1cr	See HACC catalog for a list of Wellness courses
FIRST YEAR SEMINAR	1cr	One credit hour in FYS coursework; see below for approved course (GIS 201)

Required Program Courses			Prerequisites
CIS 140	3cr	Intermediate Database Management	CIS 105 or WEB 143 w/a grade of C or higher; or permission of the instructor
GEOG 230	3cr	Introduction to Human Geography	n/a
GEOL 201	4cr	Environmental Geology	Eligibility for ENGL 101; Co-requisite: MATH 033
GIS 141	3cr	Introduction to Geospatial Technology	n/a
GIS 165	3cr	Geospatial Programming	GIS 141 w/a grade of C or higher
GIS 201	1cr	Professional Issues (meets FYS requirement)	n/a
GIS 204	3cr	Cartographic Design	GIS 141 w/a grade of C or higher or permission of the instructor
GIS 205	4cr	Data Acquisition and Remote Sensing	GIS 141 w/a grade of C or higher or permission of the instructor
GIS 275	4cr	Advanced Geographic Information Systems	GIS 141, 204, and 205 w/a grade of C or higher or permission of the instructor
GIS 291	3cr	Internship in Geospatial Technology	GIS 141 w/a grade of C or higher or permission of the instructor
MATH 103	3cr	College Algebra	Placement through the College Testing and Placement Program or completion of MATH 033, 044, & 055 (or MATH 051) or MATH 045 w/a grade of C or higher
MATH 202	4cr	Statistics	Placement through the College Testing and Placement Program or completion of MATH 033, 044, & 055 (or MATH 051) or MATH 045 w/a grade of C or higher; eligibility for enrollment into ENGL 101

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	
ENGL 101	3	CIS 140	3	GIS 165	3	GIS 275	4
GIS 141	3	COMM 101	3	GIS 204	3	GIS 291	3
GIS 201 (FYS)	1	ENGL 104	3	GEOG 201	3	GEOL 201	4
Humanities/Arts Elective	3	GIS 205	4	Open Elective	3	GEOG 230	3
MATH 103	3	MATH 202	4	PE/Wellness	1	Open Elective	3
Open 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