



CERTIFICATE 4410 GEOSPATIAL TECHNOLOGY
Effective Fall 2017

30 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"/>	FS 100/102
<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.

Required Program Courses			Prerequisites
CIS 140	3cr	Intermediate Database Management	CIS 105 or WEB 143 w/a grade of C or higher
GIS 141	3cr	Introduction to Geospatial Technology	n/a
GIS 165	3cr	Geospatial Programming	GIS 141 w/a grade of C or higher
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 202	4cr	Introduction to 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
MGMT 227	3cr	Project Management	Eligibility for enrollment into ENGL 003

Semester 1		Semester 2	
CIS 140	3	GIS 205	4
GIS 141	3	GIS 275	4
GIS 165	3	GIS 291	3
GIS 204	3	MGMT 227	3
MATH 202	4		

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