GE23 ACADEMIC ROADMAP
GIS Certificate Program
Fall 2023

Freshman Year (30 credits)

FIRST SEMESTER

Course Title	Catalog Number	Prerequisite(s)
College Writing I	CWP 101	
General Education (GE23) course(s)		

SECOND SEMESTER

Course Title	Catalog Number	Prerequisite(s)
College Writing II	CWP 102	
General Education (GE23) course(s)		

Notes and recommendations:
Attend at least one faculty office hour; visit Academic Commons (Math & Writing Centers, tutoring); view your degree audit sheet in Degree Works

Sophomore Year (60 credits)

THIRD SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Maps and Mapmaking using GIS	GEG/PLN 325	Instructor Permission
GE23 course(s)		

FOURTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Fundamentals of GIS	GEG 425	GEG 325
GE23 course(s)		

Notes and recommendations:
Students are advised to wait until at least their sophomore year to take GEG/PLN 325. The courses can be taken in any semester starting in the sophomore year.

Junior Year (90 credits)

FIFTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Remote Sensing OR	GEG 418	Upper-div status
Advanced Topics in GIS	GEG 429	GEG 425

SIXTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Interactive and Web-based Mapping OR	GEG 485	GEG 325
Env. Assessment and Planning Applications in GIS	GEG 428	GEG 425
Any 1 of the elective courses		See notes

Notes and recommendations:

Elective courses will vary by semester and include: GEG 390, BIO 300, CIS 151, CRJ 300, ECO 305, HEW 326, MAT 311, PSC 204, PSY 306, SOC 299. See individual course descriptions for prerequisite information. Students can also use a third course from GEG 418, GEG 428, GEG 429, or GEG 485 to fulfill the elective requirement.

Senior Year (120 credits)

SEVENTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)

EIGTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)

Notes and recommendations:

In Seventh and Eighth Semesters take any courses missed in prior semesters