

GIS and Spatial Analysis (BS)

The following course sequence sheet is for illustrative purposes only and should not be construed as formal academic advisement. Course selections and sequence may vary depending on course availability and counsel from your academic adviser. You should consult an academic adviser before developing an actual academic plan.

Cr.	First Semester	Cr.	Second Semester
3	EGGS.100 Environmental Science*	4	EGGS.120 Physical Geology
3	EGGS.160 Geography and Info. Sys.*	3	EGGS.150 Quantitative Methods in E.S.*
3	ENGLISH.101 Found of College Writing**	3	EGGS.242 Map Use and Analysis
3	General Education Course	3	General Education Course
3	General Education Course	3	General Education Course
15	Total Semester Credits	16	Total Semester Credits
Cr.	Third Semester	Cr.	Fourth Semester
3	COMPSCI.115 Introduction to Python	3	COMPSCI.215 Advanced Python
3	EGGS.360 Principles of GIS I	3	EGGS.361 Principles of GIS II
3	MATH Requirement	3	EGGS.364 Digital Cartography
3	General Education Course	3	General Education Course
3	General Education Course	3	General Education Course
15	Total Semester Credits	15	Total Semester Credits
Cr.	Fifth Semester	Cr.	Sixth Semester
3	COMPSCI.357 Prin. of Database Design	3	EGGS.440 Advanced Topics in GIS
3	EGGS.320 Remote Sensing	3	COMMSTUD.103 Public Speaking**
3	INTSTUDY.231 Technical Writing**	3	Computer Science Req. – Choose 1
3	Ethics Requirement	3-4	Computer Science Req. – Choose 2
3	General Education Course	3	General Education Course
15	Total Semester Credits	15/16	Total Semester Credits
Cr.	Seventh Semester	Cr.	Eighth Semester
3-4	Degree Elective	9+	EGGS.496 Internship in EGGS***
3-4	Degree Elective	3	EGGS.498 Geography and Planning Seminar***
3-4	Computer Science Req. – Choose 2		
3	General Education Course		
3	General Education Course		
15/18	Total Semester Credits	12+	Total Semester Credits

*Count toward General Education and are not counted against the major credits.

**Recommend General Education Courses

***Courses are traditionally completed during the summer session, but may be completed during the fall and spring semesters, if appropriate.