

**B.S. Degree in Geosciences
Concentration: Geographical Information Systems**

Freshman			
Fall Semester	Hours	Spring Semester	Hours
English Comp I	3	English Comp II	3
College Algebra	3	Trigonometry	3
Foreign Language I	3	Foreign Language II	3
Intro to World Geography	3	Social Science	3
Physical Geography	4	Maps & Remote	3
Total	16	Total	15

Sophomore			
Fall Semester	Hours	Spring Semester	Hours
Literature	3	History	3
Conservation Nat. Res	3	Public Speaking	3
CH, BIO, or PH w/lab	3-4	CH, BIO, or PH w/lab	3-4
Weather and Climate	4	Fine Arts Elective	3
Survey of Geospatial Tech,	3	Dept. 4000 level	3
Total	16-17	Total	15-16

Junior			
Fall Semester	Hours	Spring Semester	Hours
Principles of GIS	3	Geodatabase Design	3
Cartographic Science	3	Dept. 4000 level	3
Geowriting	3	Physical Geography Elective	3
Intro Comp Program	4	CH, BIO, or PH w/lab	3
Specified Elective	3	Dept. 4000 level	3
Total	15	Total	15

Senior			
Fall Semester	Hours	Spring Semester	Hours
RS of the Ph. Environment	3	Advanced RS	3
Dept. 4000 level	3	GIS Programming	3
Statistical Inference	3	Dept. 4000 level	3
Physical Geography Elective	3	Specified Electives	4-6
RS Seminar	1		
Advanced GIS	3		
Total	15	Total	13-15

Total hours 124