

GEOSPATIAL SCIENCE, BS

Course Sequencing

First Year

Fall		Hours
ENGL 1301	Writing and Rhetoric I	3
HIST 1301	U.S. History to 1865	3
UNIV 1101	University Seminar I	1
MATH 2413	Calculus I	4
GISC 1470	Geospatial Systems I	4
Hours		15

Spring

COMM 1311	Foundation of Communication	3
or ENGL 1302	or Writing and Rhetoric II	
HIST 1302	U.S. History Since 1865	3
UNIV 1102	University Seminar II	1
COSC 1435	Introduction to Problem Solving with	4
or COSC 1330	Computers I	
	or Programming for Scientists, Engineers, and Mathematicians	
GISC 1336	Digital Drafting and Design	3
Math or Sciences Course		3
Hours		17

Second Year

Fall		Hours
University Core Curriculum		3
University Core Curriculum		3
GISC 2470	Geospatial Plane Measurement I	4
GISC 2438	Web Map Development	4
PHYS 2425	University Physics I	4
Hours		18

Spring

GISC 2250	Field Camp I	2
GISC 3412	Geospatial Plane Measurement II	4
GISC 2301	Geospatial Systems II	3
MATH 2414	Calculus II	4
MATH 3342	Applied Probability and Statistics	3
Hours		16

Third Year

Fall		Hours
POLS 2305	U.S. Government and Politics	3
GISC 3325	Geodetic Science	3
GISC 3300	Geospatial Mathematical Techniques	3
GISC 4318	Cadastral Systems	3
PHYS 2426	University Physics II	4
or PHYS 1402	or General Physics II	
Hours		16

Spring

GISC 4350	Field Camp II	3
GISC 3420	GIS Programming and Software Development	4
GISC 3421	Visualization for GIS	4

Math or Sciences Course	3
GISC Elective	3
Hours	17

Fourth Year

Fall		Hours
POLS 2306	State and Local Government	3
GISC 4335	Geospatial Systems III	3
GISC 4431	Remote Sensing and Photogrammetry	4
GISC 4315	Satellite Positioning	3
University Core Curriculum		3
Hours		16

Spring

GISC 4351	Geospatial Systems Project	3
GISC 4340	Geospatial Computations and Adjustment	3
GISC 4305	Legal Aspects of Spatial Information	3
GISC 4180	Geospatial Systems Internship	1
GISC 4371	History of Land Ownership	3
Hours		13
Total Hours		128