

GEOSPATIAL SCIENCE, BS

Course Sequencing

First Year

Fall		Hours
ENGL 1301	Writing and Rhetoric I	3
HIST 1301	U.S. History to 1865	3
MATH 2413	Calculus I	4
GISC 1470	Geospatial Systems I	4
USSE 1201	University Seminar	2
Hours		16

Spring

COMM 1311	Foundation of Communication	3
or ENGL 1302	or Writing and Rhetoric II	
HIST 1302	U.S. History Since 1865	3
COSC 1435	Introduction to Problem Solving with	3-4
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		15-16

Second Year

Fall

University Core Curriculum		3
University Core Curriculum		3
GISC 2338	Web Map Development	3
GISC 2470	Geospatial Plane Measurement I	4
PHYS 2425	University Physics I	4
Hours		17

Spring

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
University Core Curriculum		3
Hours		17

Third Year

Fall

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 3320	GIS Programming and Software Development	3
GISC 3421	Visualization for GIS	4
GISC 4350	Boundary Surveying and Professional Practice	3

Math or Sciences Course	3
Elective	3
Hours	16

Fourth Year

Fall

POLS 2306	State and Local Government	3
GISC 4315	Satellite Positioning	3
GISC 4331	Remote Sensing and Photogrammetry	3
GISC 4335	Geospatial Systems III	3
Elective		3

Hours 15

Spring

GISC 4180	Geospatial Systems Internship	1
GISC 4305	Legal Aspects of Spatial Information	3
GISC 4340	Geospatial Computations and Adjustment	3
GISC 4351	Geospatial Science Project	3

Hours 10

Total Hours 122-123