

# GEOSPATIAL INFORMATION SCIENCE, BS

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (Q)	4
GEOG 1114	Introduction to Physical Geography (LN)	4
General Education Courses		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
CS 1113	Computer Science I (Q)	3
General Education Courses		6
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GEOG 3333	Spatial Analysis (Q)	3
College and Elective courses		9
CS 2133 or MSIS 2203 or MSIS 3103	Computer Science II or Computer Programming for Business or End User Database Systems Design and Management	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GEOG 4333 or GEOG 4263 or GEOL 4303 or GEOG 4353 or GEOG 4373 or GEOG 4663	Remote Sensing or Geospatial Applications for Unmanned Aerial Systems or Geophysical Field Methods or Geographic Information Systems: Socioeconomic Applications or Geographic Information Systems in Public Health or Web GIS: Trends, Principles, and Applications	3
GEOG 4383	Geospatial Programming with Python and AI Tools	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
GEOG 4343 or GEOG 4263 or GEOG 4663 or GEOL 4303	Geographic Information Systems: Resource Management Applications or Geospatial Applications for Unmanned Aerial Systems or Web GIS: Trends, Principles, and Applications or Geophysical Field Methods	3

Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4353 or GEOG 4263 or GEOL 4303 or GEOG 4333 or GEOG 4373 or GEOG 4663	Geographic Information Systems: Socioeconomic Applications or Geospatial Applications for Unmanned Aerial Systems or Geophysical Field Methods or Remote Sensing or Geographic Information Systems in Public Health or Web GIS: Trends, Principles, and Applications	3
GEOG 4943	Geospatial Information Science Internship/Research Capstone	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>