

**Missouri State University - College of Natural and Applied Sciences
Department of Geography, Geology, and Planning**

Geospatial Sciences (comprehensive) Bachelor of Science Updated July 2009

This is a model four year graduation plan. Your path to graduation may vary slightly based on factors such as college credit you earned while in high school, your choice of general education electives, and placement in English and Mathematics.

This degree program can be completed in eight semesters plus one intersession.

First Semester (Fall)	Hrs	Second Semester (Spring)	Hrs
IDS 110 Intro to Univ Life	1	COM 115 Public Speaking or ENG 110 Writing I	3
ENG 110 Writing I or COM 115 Public Speaking	3	PLS 101 American Democracy & Citizenship	3
CSC 111 (or CIS/CSC 101 (2)) Intro. Computing	3	MTH 181 (or MTH 138 (5)) Trigonometry	3
PED 100 Fitness for Living	2	GRY 142 or GLG 110 Physical Geog. or Geology	4
HST 121 or 122 US History	3	General Education - Self Understanding	3
GRY 100 or 108 World Reg. Geog. or Ecology	3		
Total Hours	15	Total Hours	16
Third Semester (Fall)	Hrs	Fourth Semester (Spring)	Hrs
CSC 125 or CIS 260* Computer Programming	3	MTH 340 (or equivalent) Statistics	3
GRY 300 or 305 US Geog. or Sel. World Reg.**	3	GEO 561 Intermediate GIS	3
GRY 363 Introduction to GIScience	4	GRY/GEO/IDM/MTH/CIS/CSC Elective	3
General Education -- Natural World	4	Writing II	3
General Elective	3	General Education - Self Understanding	3
Total Hours	17	Total Hours	15
Fifth Semester (Fall)	Hrs	Sixth Semester (Spring)	Hrs
GRY 275 Intro. to Plane Surveying	3	GRY 367 Research Methods in Geography	3
GRY 360 Interpretation of Aerial Photography	3	GEO 551 Remote Sensing	3
GEO 562 Internet Geospatial Science	3	GRY/GEO/IDM/MTH/CIS/CSC Elective	3
GRY/GEO/IDM/MTH/CIS/CSC Elective	3	General Education - Self Understanding	3
General Education - Culture & Society	3	General Elective	3
Total Hours	15	Total Hours	15
		Intersession (either May or August)	Hrs
		GRY 470 Field Study in Geography	2
		Total Hours	2
Seventh Semester (Fall)	Hrs	Eighth Semester (Spring)	Hrs
GEO 566 Advanced GIS	3	GRY 498 Placement Seminar in Geography	1
GEO 570 Thematic Cartography	3	GEO 572 Photogrammetry & Spatial Statistics	3
General Elective	3	GRY/GEO/IDM/MTH/CIS/CSC Elective	3
General Elective	3	General Elective	3
General Elective	3	General Elective	3
		General Elective	2
Total Hours	15	Total Hours	15

GPA Requirements: 2.00 in major and 2.00 overall

* Alternatively, CSC 121 could be taken in the Spring semester

** Alternatively, GRY 301 (Geography of the Ozarks) could be taken during the Spring semester.

Disclaimer: This model is based on courses offered in Spring 2009 and planned for Fall 2009. Degree requirements and course scheduling are subject to change. The only official source for the requirements for this degree is the current edition of the Missouri State University Undergraduate Catalog.