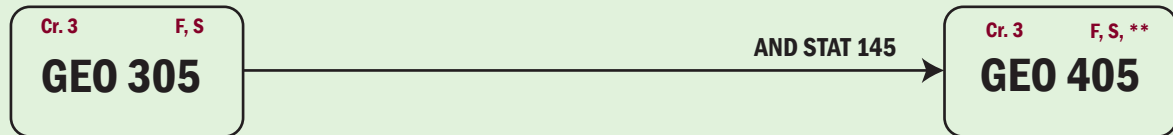
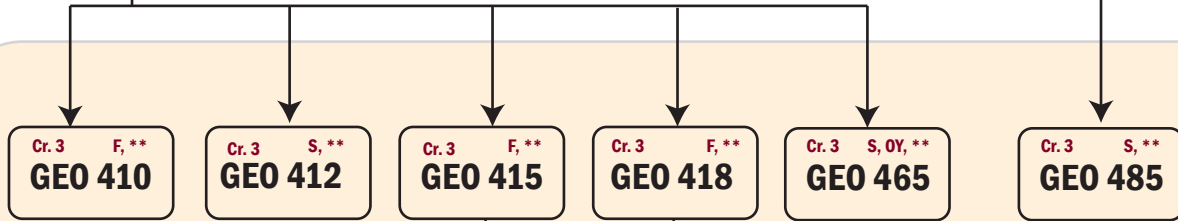


GEOGRAPHY MINOR: GEOGRAPHIC INFORMATION SCIENCE CONCENTRATION

CORE REQUIREMENTS (2 Courses)



GEOGRAPHY, ENVIRONMENTAL SCIENCE, EARTH SCIENCE and GEOARCHAEOLOGY MAJORS / MINORS may only duplicate 6 GEO credits between the major/minor and Geography with GIS concentration minor.



CHOOSE ONE

GEO 450 F, W, S, Su - Cr. 1-6

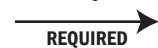
GEO 490 F, S, Su** - Cr. 1-3

GEO 499 F, S, Su** - Cr. 1-3

Maximum three credits can be applied from
GEO 450, GEO 490, or GEO 499

GEOSPATIAL TECHNIQUES ELECTIVES (9 Courses)

PREREQUISITES:



LEGEND:

F = FALL
S = SPRING
SU = SUMMER
** = JR/SR STANDING
O = OCCASIONALLY
OY = ODD NUMBERED YEARS
EY = EVEN NUMBERED YEARS

Geography Minor: Geographic Information Science Concentration**18 CREDITS**

Geography, Environmental Science, Earth Science and Geoarchaeology Majors / Minors may only duplicate 6 GEO credits between the major/minor and Geography with GIS Concentration Minor

Core Requirements:

Name	Credits	Description	Prerequisite	Offered
GEO 305	3	Geographic Information Systems and Science I	-	F, S
GEO 405	3	Geographic Information System and Science II	GEO 305; STAT 145	F, S

Geospatial Techniques Electives (Choose at least 9 credits of the following)

Name	Credits	Description	Prerequisite	Offered
GEO 410	3	Geospatial Field Methods	GEO 305	F
GEO 412	3	Geospatial Applications of Unmanned Aerial Systems	GEO 305	S
GEO 415	3	Remote Sensing of the Environment I	GEO 305	F
GEO 418	3	Map Design and Geovisualization	GEO 305	F
GEO 445	3	Remote Sensing of the Environment II	GEO 415	S
GEO 450	1-6	Internship in Geography and Environmental Science	-	F, W, S, Su
GEO 455	3	Web Mapping	GEO 418	S-Even
GEO 465	3	Geospatial Automation	GEO 405	S-Odd
GEO 485	3	Geographic Information System and Science III	GEO 405	S
GEO 488	3	Quantitative Methods in Geography	GEO 305; STAT 145	S-Odd
GEO 490	1-3	Independent Study	-	F, W, S, Su
GEO 499	1-3	Research in Geography and Environmental Science	-	F, W, S, Su

*A maximum of three credits can be applied to the minor from GEO 450, GEO 490, or GEO 499.

* Students in this minor are required to take STAT 145.

* Offered Codes: F = Fall; W = Winter; S = Spring; Su = Summer; O = Occasionally; F-Odd = Fall, Odd Years; F-Even = Fall, Even Years; S-Odd = Spring, Odd Years; S-Even = Spring, Even Years