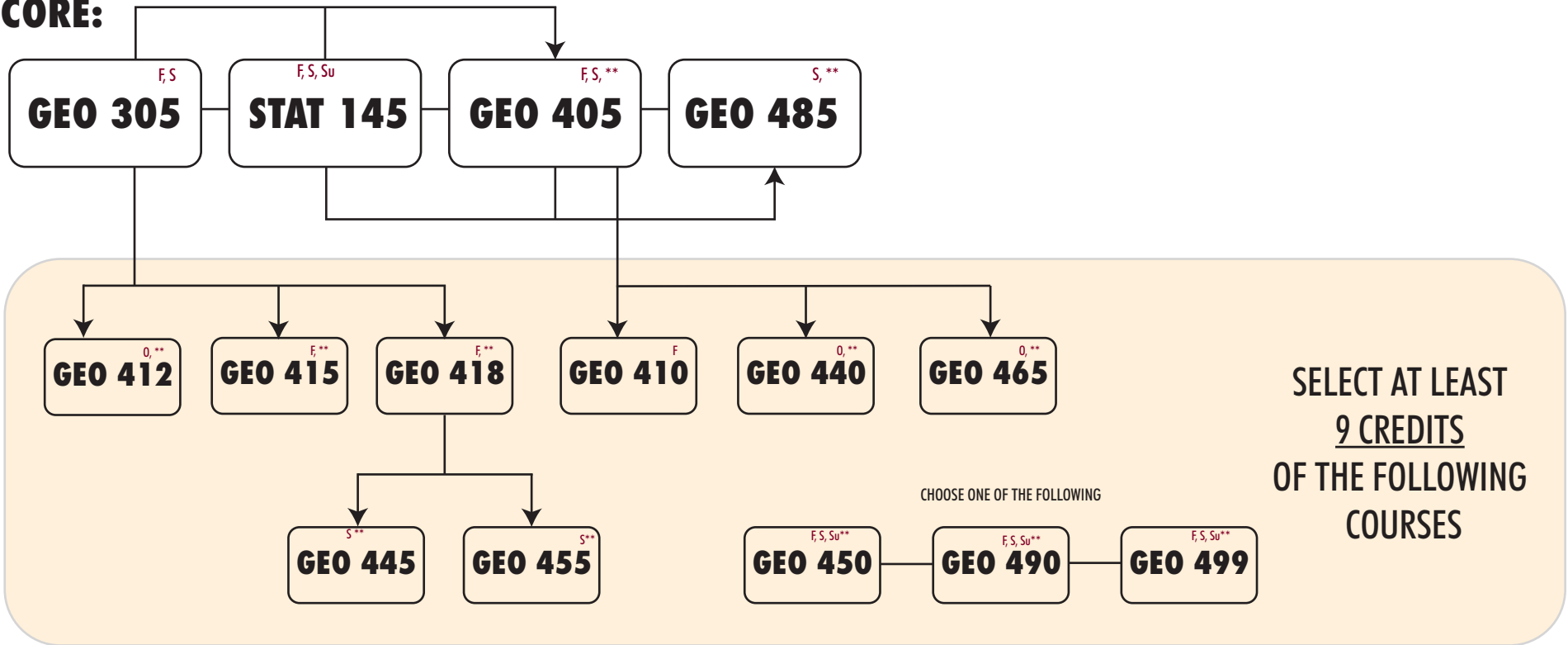


# UW-LA CROSSE GEOGRAPHY & EARTH SCIENCE

## GEOGRAPHIC INFORMATION SCIENCE MINOR (18 CREDITS)

### CORE:



### PREREQUISITES:



### LEGEND:

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

GEOGRAPHY AND  
EARTH SCIENCE



**Geographic Information Science Minor (GEOGIS.M)****18 CREDITS****Core Requirements:**

Name	Credits	Description	Prerequisite	Offered
GEO 305	3	Geographic Information Systems and Science I	-	F, S
STAT 145	4	Elementary Statistics	-	
GEO 405	3	Geographic Information System and Science II	GEO 305; STAT 145	F, S
GEO 485	3	Geographic Information System and Science III	GEO 405	S

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

Name	Credits	Description	Prerequisite	Offered
GEO 410	3	Geospatial Field Methods	GEO 405 or concurrent enrollment	F
GEO 412	3	Geospatial Applications of Unmanned Aerial Systems	GEO 305	O
GEO 415	3	Remote Sensing of the Environment I	GEO 305	F
GEO 418	3	Map Design and Geovisualization	GEO 305	F
GEO 440	3	Geographic Interpretation of Aerial Photographs	GEO 405	O
GEO 445	3	Remote Sensing of the Environment II	GEO 415	S
GEO 455	3	Web Mapping	GEO 418	S
GEO 465	3	Scripting in GIS	GEO 405	O
GEO 450	1-12	Geography Internship	-	F, S, Su
GEO 490	1-3	Independent Study	-	F, W, S, Su
GEO 499	1-3	Undergraduate Research	-	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; A=Annually; AY=Alternate Years.