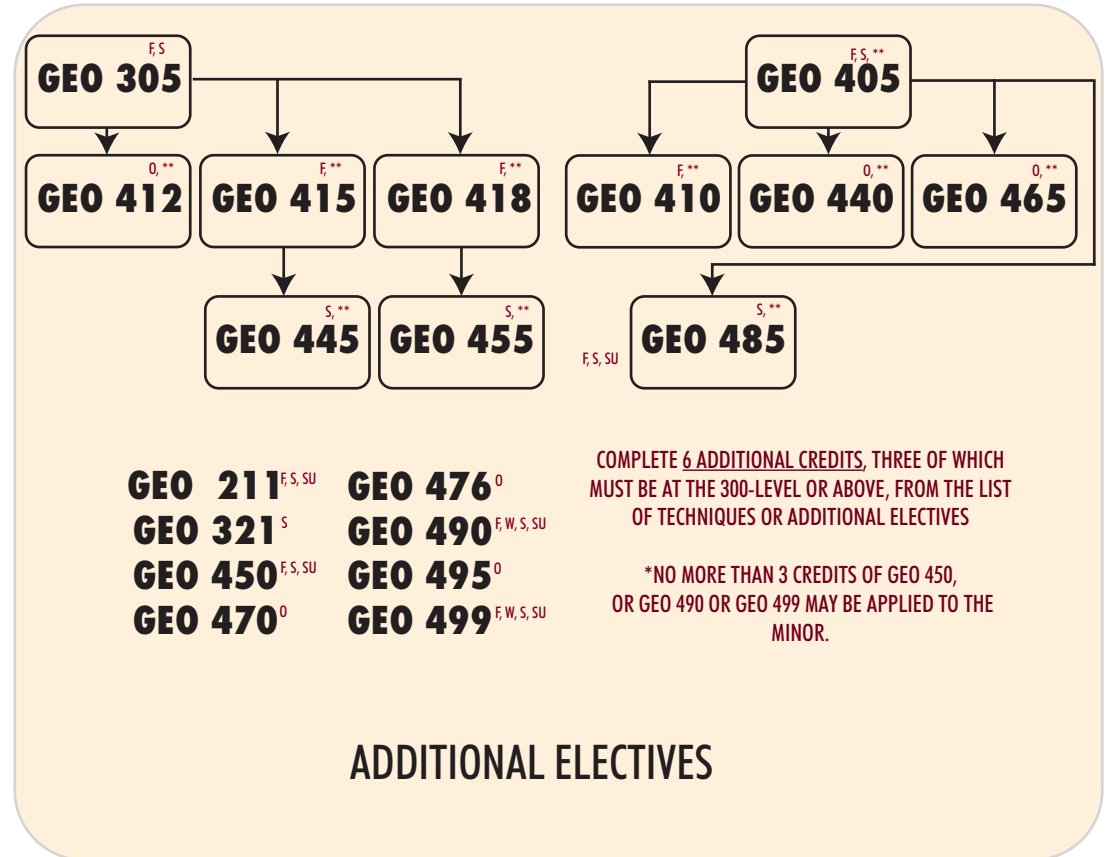
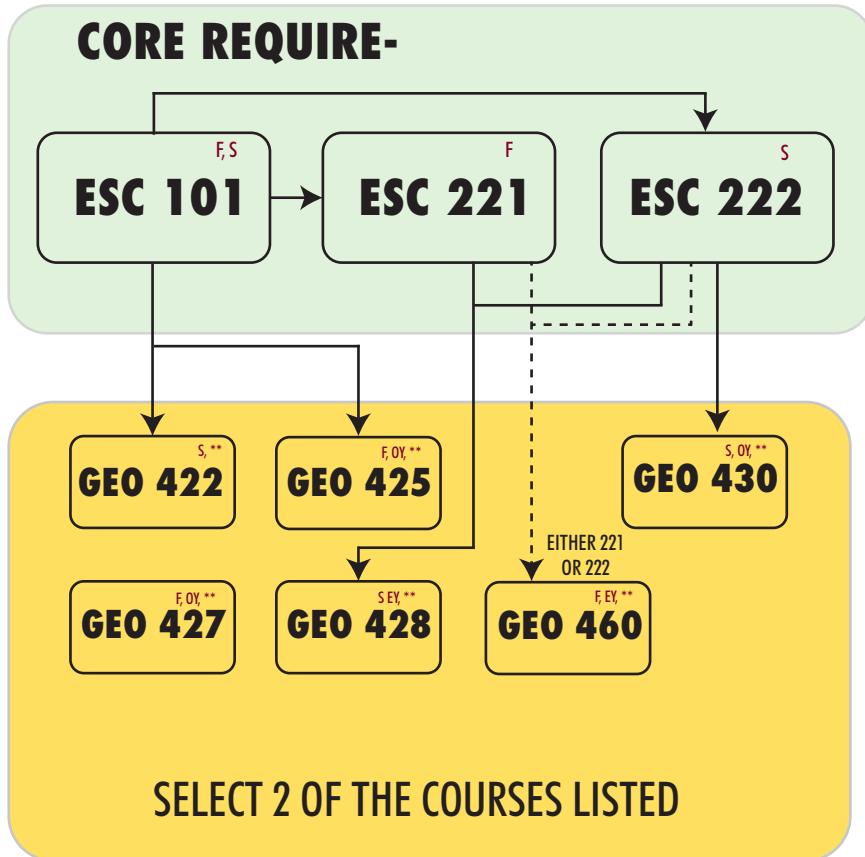


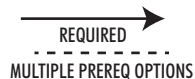
UW-LA CROSSE GEOGRAPHY & EARTH SCIENCE

EARTH SCIENCE MINOR (24 CREDITS)



ALL GEOGRAPHY MAJORS WHO SELECT THE EARTH SCIENCE MINOR MUST TAKE 54 GEO/ESC UNDUPLICATED CREDITS IN THE COURSES LISTED ACROSS THEIR MAJOR AND MINOR.

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



Earth Science Minor

24 CREDITS

Core Requirements:

Name	Credits	Description	Prerequisite	Offered
ESC 101	4	Earth Environments	-	F, S
ESC 221	4	Weather and Climate	ESC 101	F
ESC 222	4	Earth Surface Processes and Landforms	ESC 101	S

Choose 2 of the following courses

Name	Credits	Description	Prerequisite	Offered
GEO 422	3	Meteorology	ESC 221	S
GEO 425	3	Biogeography	ESC 101	F-Odd
GEO 427	3	Sustainable Water Resource Management	-	F-Odd
GEO 428	3	Past Environmental Change	ESC 221 and ESC 222	S-Even
GEO 430	3	River Systems	ESC 222	S-Odd
GEO 460	3	Environmental Hazards	ESC 221 or ESC 222	F-Even

Complete 6 additional credits, 3 of which must be at the 300-level or above, from the list above or the following

Name	Credits	Description	Prerequisite	Offered
GEO 211	3	Global Climate Change	-	F, S, Su
GEO 305	3	Geographic Information Systems and Science I	-	F, S
GEO 321	3	Sustainable Development and Conservation	-	S
GEO 405	3	Geographic Information System and Science II	GEO 305; STAT 145	F, S
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	GEO 305	F
GEO 418	3	Map Design and Geovisualization	GEO 305	F
GEO 440	3	Geographic Interpretation of Aerial Photographs	GEO 405	O
¹ GEO 450	1-2	Geography Internship	-	F, S, Su
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 470	1-3	Special Topics in Geography/Earth Science	-	O
GEO 485	3	Geographic Information System and Science III	GEO 405	S
¹ GEO 490	1-3	Independent Study	-	F, W, S, Su
GEO 495	1-3	Seminar in Geography/Earth Science	-	O
¹ GEO 499	1-3	Undergraduate Research	-	F, W, S, Su

¹ Only three credits from a combination of GEO 450 or GEO 490 or GEO 499 will apply.

* All Geography majors who select the earth science minor must take 54 GEO unduplicated credits in the courses listed across the major and minor.

* 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.