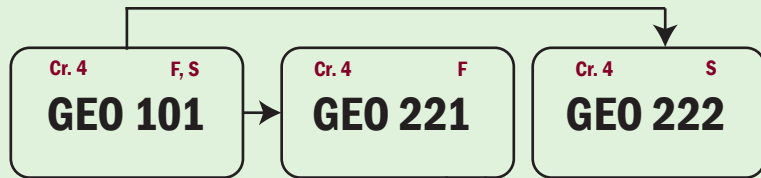
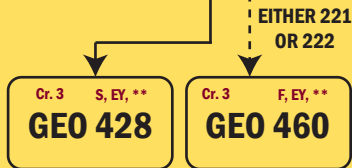


# GEOGRAPHY MINOR: EARTH SCIENCE MINOR

## CORE REQUIREMENTS (3 Courses)



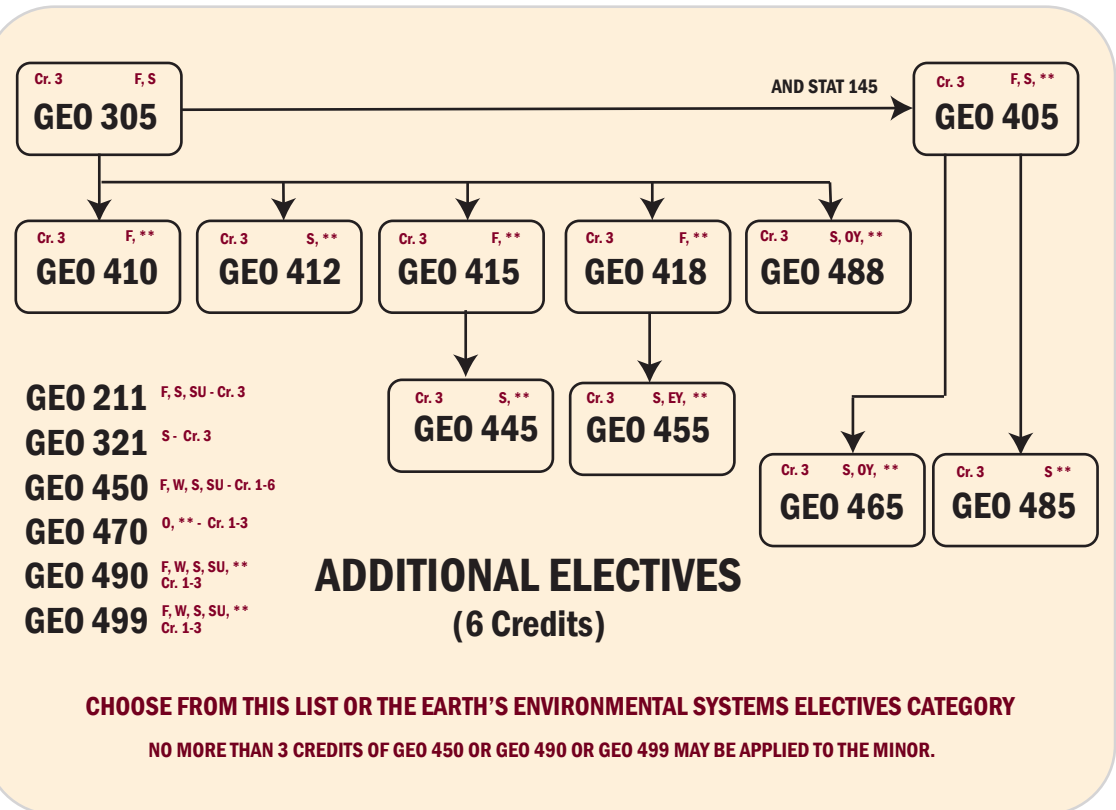
GEO 340 F, EY - Cr. 3  
GEO 427 F, OY, \*\* - Cr. 3



## EARTH'S ENVIRONMENTAL SYSTEMS ELECTIVES (2 Courses)

**GEOGRAPHY AND ENVIRONMENTAL SCIENCE MAJORS** may only duplicate 12 GEO credits between the Earth Science minor and their major

**GEOGRAPHY AND GEOARCHAEOLOGY MINORS** may only duplicate 6 GEO credits between the Earth Science minor and their major



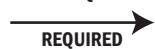
GEO 211 F, S, SU - Cr. 3  
GEO 321 S - Cr. 3  
GEO 450 F, W, S, SU - Cr. 1-6  
GEO 470 O, \*\* - Cr. 1-3  
GEO 490 F, W, S, SU, \*\* - Cr. 1-3  
GEO 499 F, W, S, SU, \*\* - Cr. 1-3

## ADDITIONAL ELECTIVES (6 Credits)

CHOOSE FROM THIS LIST OR THE EARTH'S ENVIRONMENTAL SYSTEMS ELECTIVES CATEGORY

NO MORE THAN 3 CREDITS OF GEO 450 OR GEO 490 OR GEO 499 MAY BE APPLIED TO THE MINOR.

### PREREQUISITES:



### LEGEND:

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

**Geography and Environmental Science Majors** may only duplicate 12 GEO credits between the Earth Science Minor and their major  
**Geography and Geoarchaeology Minors** may only duplicate 6 GEO credits between the Earth Science Minor and their major

**Core Requirements:**

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

**Choose 2 of the following courses**

Name	Credits	Description	Prerequisite	Offered
GEO 340	3	Polar Environments	-	F-Even
GEO 422	3	Meteorology	GEO 221	S
GEO 425	3	Biogeography	GEO 101	F-Odd
GEO 427	3	Sustainable Water Resource Management	-	F-Odd
GEO 428	3	Past Environmental Change	GEO 221 and GEO 222	S-Even
GEO 430	3	River Systems	GEO 222	S-Odd
GEO 460	3	Environmental Hazards	GEO 221 or GEO 222	F-Even

**Complete 6 additional credits 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 Systems and Science II	GEO 305; STAT 145	F, S
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
<sup>1</sup> 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 470	1-3	Special Topics in Geography / Environmental Science	-	O
GEO 485	3	Geographic Information Systems and Science III	GEO 405	S
GEO 488	3	Quantitative Methods in Geography	GEO 305; STAT 145	S-Odd
<sup>1</sup> GEO 490	1-3	Independent Study	-	F, W, S, Su
<sup>1</sup> GEO 499	1-3	Research in Geography and Environmental Science	-	F, W, S, Su

<sup>1</sup>Only three credits for a combination of GEO 450 or GEO 490 or GEO 499 will apply.

\* 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