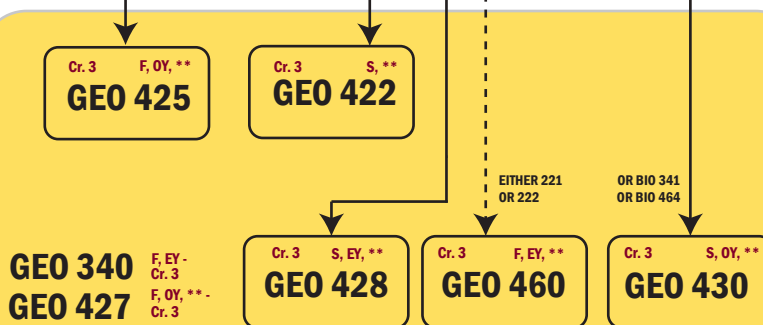
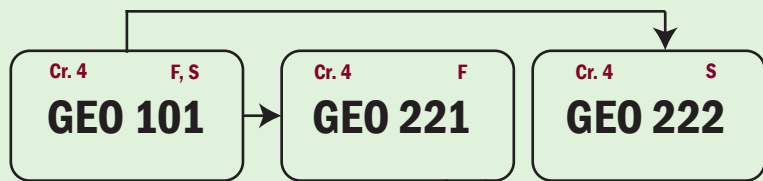


GEOGRAPHY MINOR: EARTH SCIENCE MINOR

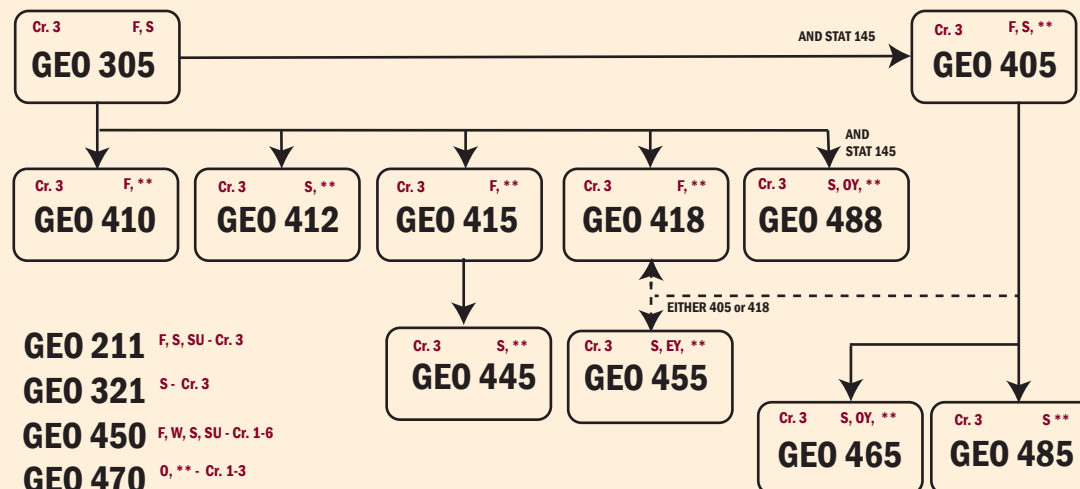
CORE REQUIREMENTS (3 Courses)



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



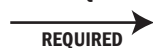
GEO 211 F, S, SU - Cr. 3
GEO 321 S - Cr. 3
GEO 450 F, W, S, SU - Cr. 1-6
GEO 470 O, ** - Cr. 1-3
GEO 490 F, W, S, SU, **
GEO 499 F, W, S, SU, **
Cr. 1-3

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
O = OCCASIONALLY
OY = ODD NUMBERED YEARS
EY = EVEN NUMBERED YEARS
** = JR/SR STANDING

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 or BIO 341 or BIO 464	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
¹ GEO 450	1-6	Internship in Geography and Environmental Science	-	F, W, S, Su
GEO 455	3	Web Mapping	GEO 405 or 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
¹ GEO 490	1-3	Independent Study	-	F, W, S, Su
¹ GEO 499	1-3	Research in Geography and Environmental Science	-	F, W, S, Su

¹Only 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