

# ENVIRONMENTAL SCIENCES



This program map is intended ONLY as a guide for students to plan their course of study. It does NOT replace any information in the Undergraduate Catalog, which is the official guide for completing degree requirements.

## ENVIRONMENTAL STUDIES MINOR

- ☐ Fall 1: GEOG 2202/ENVS 2202/XIDS 2202 Environmental Science (choose one)
- ☐ Spring 1: 3000/4000 level course approved by program coordinator
- ☐ Summer 1: 3000/4000 level course approved by program coordinator
- ☐ Fall 2: 3000/4000 level course approved by program coordinator
- ☐ Spring 2: 3000/4000 level course approved by program coordinator

- Credits Required: 15 hours
- Students interested in pursuing the minor should consult with an advisor/faculty mentor to decide on which 3000/4000 level classes to take, as some may have additional pre/co-requisites.
- Excellent option for Math, Earth & Environmental Science, Interdisciplinary, and Social Science majors. Careers: government, engineering, teaching, and the private sector.

## GEOGRAPHY MINOR

- ☐ Fall 1: GEOG 3/4XXX Course
- ☐ Spring 1: GEOG 3/4XXX Course
- ☐ Fall 2: GEOG 3/4XXX Course
- ☐ Spring 2: GEOG 3/4XXX Course
- ☐ Fall 3: GEOG 3/4XXX Course

- Requirements: 15 hours of courses in Geography numbered 3000 or above (3000/4000).
- Some 3000/4000 level courses will require GEOG 1112 with GEOG 1112L as a prerequisite.
- \*If GIS courses are requested, take GEOG 2553 for prereq requirements\*
- Often times there are 3000/4000 level Geography courses offered in the Summer semester.
- The Geography Minor can compliment any Major that requires Science Lab courses for students seeking a better understanding of Earths Systems.

## GIS MINOR

- ☐ Fall 1: GEOG 4553 - Geographic Information System
- ☐ Spring 1: GEOG 3563 - Remote Sensing and GIS Integration
- ☐ Fall 2: Choose one: GEOG 4554, GEOG 4562, GEOG 4086, or GEOG 4564
- ☐ Spring 2: GEOG 4753 - Contemporary GIS Applications

- Total of 15 credit hours.
- Prerequisite: GEOG 2553; This course is offered Spring, Fall, and some Summer semesters. Required Courses: GEOG 4553, GEOG 3563, GEOG 4753
- Must Pick One: GEOG 4554 OR GEOG 4562 OR GEOG 4086 OR GEOG 4564  
GIS could be a Minor for any Major degree path since GIS integrates into all disciplines really well.
- Fields that use GIS frequently: Law Enforcement, Military, Medical, Geology, Geography, Education, Local and Federal Government agencies.

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**GEOLOGY MINOR**

- ☐ Fall 1: Geology Course (2000/3000/4000)
- ☐ Spring 1: Geology Course (2000/3000/4000)
- ☐ Fall 2: Geology Course (3000/4000)
- ☐ Spring 2: Geology Course (3000/4000)
- ☐ Fall 3: Geology Course (3000/4000)

- Credits Required: 15 hours, minimum 9 hours in Upper Level Geology (GEOL 3000/4000) required.
- Precalculus (MATH 1113), Exploring Earth (GEOL 1121 and 1121L), Earth & Life Through Time (GEOL 1122 and 1122L), Field Geology & Geologic Mapping (GEOL 3004), and Mineralogy & Crystallography (GEOL 3014) are Prerequisites for some Upper Level Geology courses.
- Excellent option for Geography, Computing, Education Majors, etc.
- Consider for the following careers: Engineering, Government Agencies, Teaching, GIS, etc.