

# GEOGRAPHICAL SCIENCES: GEOSPATIAL DATA SCIENCE

Expand your technical toolkit and learn how to analyze large geographic datasets.

## Core Courses (11 cr.)

- ◆ GEOG201 Geography of Environmental Systems (3 cr.)
- ◆ GEOG211 Geography of Environmental Systems Laboratory (1 cr.)
- ◆ GEOG202 Introduction to Human Geography (3 cr.)
- GEOG212 Career Planning for Geographical Sciences, GIS, and ENSP (1 cr.)
- GEOG306 Introduction to Quantitative Methods (3 cr.)

Term	Grade	Notes
		DSNL Gen-Ed
		DSNL Gen-Ed
		DSHS Gen-Ed

## Upper-level coursework (24 cr.)

- \_\_\_\_\_ Upper-level Physical Geography Course (3 cr.)
- \_\_\_\_\_ Upper-level Human Geography Course (3 cr.)
- \_\_\_\_\_ Non-technical Upper-level Geography elective (3 cr.)
- GEOG272 Introduction to Earth Observation Science (3 cr.)
- GEOG276 Principles of Python Programming and Geocomputing (3 cr.)
- GEOG373 Geographic Information Systems (3 cr.)
- ◆ \_\_\_\_\_ Technical Geography Elective (3 cr.)
- ◆ \_\_\_\_\_ Technical Geography Elective (3 cr.)


## Supporting Courses (15-16 cr.)

- ◆ MATH120 / MATH 140 Calculus (3-4 cr.)

must be approved by an advisor

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_


- ◆ Benchmark 1: In addition to the courses marked with this symbol, Academic Writing, 2 Gen-Ed courses, and an additional GEOG course (excluding GEOG100) must be completed with a grade of C- or higher within 2 semesters (30 credits) of entering the major.

- ◆ Choose two of the following technical electives: GEOG416, GEOG470, GEOG472, GEOG473, GEOG475, GEOG476, GEOG477 (or other approved 400-level elective)

For a full list of GEOG electives and pre-approved Supporting Courses visit [www.ter.ps/geogcourses](http://www.ter.ps/geogcourses)

All major-required courses (including core courses, upper-level coursework, and supporting courses) must be completed with a grade of C- or higher.



COLLEGE OF  
BEHAVIORAL &  
SOCIAL SCIENCES

**BE THE SOLUTION**