

Geospatial Science Minor

Program Requirements

- **Total units required:** 19

Requirements for All Minors

Students pursuing any Earth, Environmental, and Planetary Sciences minor must complete the following course:

Code	Title	Units
EEPS 202	Introduction to Earth, Environmental, and Planetary Science	3

Students must complete all of the requirements listed above for all minors as well as the following:

Required Courses

Students must complete the following two courses:

Code	Title	Units
EEPS 387	Geospatial Science	4
EnSt 380	Applications in GIS	3

Disciplinary Electives

Students select three of the following courses:

Code	Title	Units
Anthro 4803	Advanced GIS Modeling and Landscape Analysis	3
CSE 217A	Introduction to Data Science	3
CSE 314A	Data Manipulation and Management	3
CSE 417T	Introduction to Machine Learning	3
EEPS 407	Remote Sensing	3
EEPS 468	Geospatial Field Methods	3
EnSt 481	Advanced GIS	3
EnSt 482	Applications in Geospatial Intelligence	3
EnSt 483	Introduction to Spatial Epidemiology	3
ESE 417	Introduction to Machine Learning and Pattern Classification	3

* Previous or concurrent enrollment in CSE 131 Introduction to Computer Science is recommended.

Additional Information

- A grade of C- (C for summer field camp) is the minimum acceptable performance for each unit of credit for each required course, including those in mathematics, chemistry, and physics. Courses with grades of D may fulfill the College's 120 total hours

requirement, but they do not meet the departmental requirements. A grade of C- is also the minimum acceptable performance for each unit of credit for any course required as a prerequisite to enrolling in advanced or sequential courses.

- Credits to be transferred from another institution must have prior approval from the Director of Undergraduate Studies in the relevant Arts & Sciences department.
- Students may transfer up to three credits (or one course, whichever is greater) of advanced coursework (course numbers 300 or above) toward the completion of a minor in the Department of Earth, Environmental, and Planetary Sciences. This policy includes credit earned for courses taken while studying abroad or studying at another US institution. Credits earned through the completion of an approved field camp do not count toward this limit.

Website: <https://eeps.wustl.edu/>