

CAL POLY HUMBOLDT
University Senate
Resolution to Recommend Approval of the Geospatial Basic Certificate of Study
05-25/26-ICC – October 28, 2025 – Curriculum Reading

RESOLVED: That the University Senate of Cal Poly Humboldt recommends to the Provost that the Geospatial Basic Certificate of Study (9 units), detailed in proposal [24-2891](#), be approved.

RATIONALE:

The Geospatial Basic Certificate of Study provides foundational knowledge and skills in geospatial science, an applied field that uses GIS, remote sensing, and mapping technologies to analyze and visualize spatial data. The certificate focuses on essential geospatial tools and concepts for non-degree-seeking students, graduate students, and undergraduates seeking to demonstrate baseline competency.

It serves as the entry point in a stackable suite of geospatial certificates developed by the Department of Geography, Environment, and Spatial Analysis. The program supports Cal Poly Humboldt's polytechnic mission and aligns with the CSU system's emphasis on applied, career-connected learning.

Courses (9 units):

- GSP 101 – Geospatial Concepts (3)
- GSP 216 – Introduction to Remote Sensing (3)
- GSP 270 – Geographic Information Science (3)

Restrictions:

- Not available to Geospatial Science & Technology majors.
- Not combinable with the Geospatial Analysis Minor.

Learning Outcomes:

- Apply geospatial tools to analyze spatial and temporal patterns.
- Use GIS and remote sensing techniques to develop basic projects.
- Create professional maps and visualizations integrating spatial data.

This certificate may serve as a foundation for advanced, stackable geospatial credentials (GIS, Remote Sensing, and Cartography) and replaces content formerly offered through the suspended self-support Online Geospatial Certificate (effective Fall 2025).

Related Proposals:

- [Geographic Information Science Certificate of Study \(9 units\)](#) – 24-2938
- [Remote Sensing Certificate of Study \(9 units\)](#) – 24-2939
- [Cartography Certificate of Study \(9 units\)](#) – 24-2931