

CAL POLY HUMBOLDT
University Senate
Resolution to Recommend Approval of the Cartography Certificate of Study
08-25/26-ICC – October 28, 2025 – Curriculum Reading

RESOLVED: That the University Senate of Cal Poly Humboldt recommends to the Provost that the Cartography Certificate of Study (9 units), detailed in proposal 24-2931, be approved.

RATIONALE:

The Cartography Certificate of Study develops advanced skills in map design, geovisualization, and the communication of spatial information. Students learn the art and science of effective mapmaking, from symbology and typography to layout, interaction, and publication.

Courses (9 units):

- GSP 316 – Cartography (4)
- GSP 416 – Advanced Cartography Design Seminar (4)
- GSP 426 – Mapping and Data Visualization (1)

Restrictions:

- With the GST major or Geospatial Analysis Minor, only one course (3–4 units) may overlap.

Learning Outcomes:

- Apply cartographic principles and geospatial technologies to produce professional maps.
- Design data visualizations that clearly communicate complex spatial information.
- Evaluate and refine cartographic design for clarity and audience impact.

This certificate represents the advanced design-focused tier of the new geospatial suite and complements related certificates in GIS and Remote Sensing. Together, these certificates replace and expand the curricular offerings formerly delivered through the suspended self-support Online Geospatial Certificate.