

CAL POLY HUMBOLDT
University Senate
Resolution to Recommend Approval of the Remote Sensing Certificate of Study
07-25/26-ICC – October 28, 2025 – Curriculum Reading

RESOLVED: That the University Senate of Cal Poly Humboldt recommends to the Provost that the Remote Sensing Certificate of Study (9 units), detailed in proposal [24-2939](#), be approved.

RATIONALE:

The Remote Sensing Certificate of Study develops advanced skills in acquiring, processing, and interpreting satellite and aerial imagery. Students learn to analyze imagery using modern geospatial software, apply classification and multispectral techniques, and communicate results through professional visualizations and reports.

Courses (9 units):

- Required (6): GSP 326 – Intermediate Remote Sensing (3); GSP 436 – Advanced Remote Sensing (3)
- Elective (3): One from approved courses such as Global Ecology and Biogeography, Multivariate Statistics, or Special Topics in Geospatial Science.

Restrictions:

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

Learning Outcomes:

- Apply remote sensing tools to analyze environmental and resource issues.
- Process and classify imagery to evaluate land cover and environmental change.
- Communicate findings through maps, reports, and geospatial products.

This advanced certificate builds upon the Geospatial Basic Certificate or equivalent preparation and continues Humboldt's transition from the self-support Online Geospatial Certificate (suspended effective Fall 2025) to a state-support model emphasizing accessibility, sustainability, and curricular clarity.

Related Proposals:

- [Geospatial Basic Certificate of Study \(9 units\)](#) – 24-2891
- [Geographic Information Science Certificate of Study \(9 units\)](#) – 24-2938
- [Cartography Certificate of Study \(9 units\)](#) – 24-2931