



**FLATHEAD LAKE
BIO STATION**
UNIVERSITY OF MONTANA



32125 Bio Station Ln Polson, Montana, U.S.A. 59860
(406) 872-4500
<http://flbs.umt.edu>

Paid Summer Internship (40 hours per week)

Job Title: GIS/Remote Sensing Intern

Compensation: \$10.55 per hour plus room and board (valued at \$3000)

Dates: June 16- August 8, 2025

Internship Description:

- This intern will be working with FLBS personnel to assist in developing a remote sensing time series analysis of changes in ponderosa pine health in the Flathead Valley. The intern will collect field data via a citizen science app and apply this field data to classify multi-spectral satellite and drone imagery using remote sensing and machine learning algorithms. The intern will also assist in developing a story map describing the ponderosa pine health in the valley.
- The internship will provide opportunities to: use their GIS/RS/computer science knowledge to help understand trends in ponderosa pine health in the Flathead Valley and vegetation monitoring. This internship will provide the student an opportunity to couple field data with remote sensing data to assess ecosystem health. The intern will work closely with FLBS scientists to help collect and analyze the spatial data

Qualifications:

- Must be a continuing undergraduate student
- Intern should have experience working within GIS/Remote Sensing software
- Experience with computer science and machine learning is a plus

How to Apply (application deadline: Feb 23, 2025):

UM students: use Handshake; search for Flathead Lake Biological Station

Non-UM students: send a cover letter, resume, and contact information for two references to Monica Elser at monica.elser@flbs.umt.edu