

Stage 1: Friday Harbor Labs

September 2-19, 2025

1 day Introduction to FHL



2 days Training Module:
Intertidal Ecology

4 days Training Module:
Trophic Ecology

4 days Training Module:
Oceanography

7 days Research Project:
Proposal + Experiment

Stage 2: UW campus

Oct 1-Nov 19 (Wednesdays 2:30-4:20pm, FSH 207)

Research project follow-up

- Data analysis
- Presentations
- Peer-grading



Graded deliverables:

1. Research Project: **Abstract**

2. Research Project: **Poster and presentation**

Optional deliverables:

1. Undergraduate Research Symposium

Stage 1: Friday Harbor Labs

September 2-19, 2025

1 day Introduction to FHL



2 days Training Module: **Intertidal Ecology** Module write-up **35%**

4 days Training Module: **Trophic Ecology** Module write-up **35%**

4 days Training Module: **Oceanography** Module write-up **35%**

7 days Research Project: **Proposal + Experiment** **15%**

Stage 2: UW campus

Oct 1-Nov 19 (Wednesdays 2:30-4:20pm, FSH 207)

Research project follow-up

- Data analysis
- Presentations
- Peer-grading

10%



Graded deliverables:

1. Research Project: **Abstract**

15%

2. Research Project: **Poster and presentation**

25%

Optional deliverables:

1. Undergraduate Research Symposium

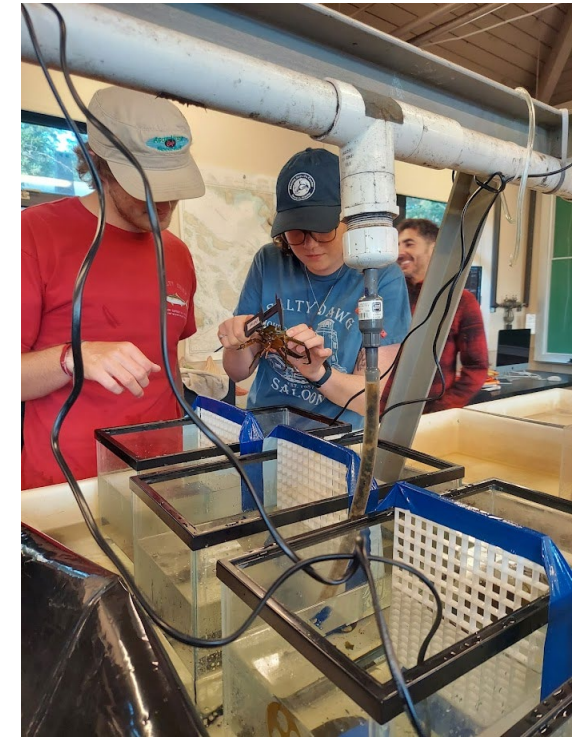
Intertidal Module

- Develop and apply skills in intertidal field surveying
- Develop and apply skills in image analysis
- Develop and apply data visualization skills in R
- Understand how these methods can be applied to answer an ecological question



Trophic Ecology Module

- Form testable and falsifiable hypotheses relevant to key questions in the marine sciences through collaboration and discussion
- Acquire methodological skills for the study of trophic ecology and habitat use/preference in the intertidal
- Enhance skills in data analysis and visualization in R



Oceanography Module

- Develop an understanding of temporal and spatial patterns of local oceanographic properties and their relationship to marine biology
- Develop and apply skills in sensor and oceanographic equipment use, construction, and function
- Develop and apply skills in data collection, analysis, visualization and interpretation
- Understand how these methods can be applied to answer an ecological question



Independent Projects (small groups)

