



Field Ecology 2026 APPLICATION AVAILABLE Online.

This program is designed to provide a premier hands-on experience in learning how to conduct field science in ecology at the advanced undergraduate level. We will focus on group and individual field research to address patterns in ecological composition, structure, and function in natural environments, long term research sites, and elevation gradients. Students will participate in field trips to local and remote field sites and will develop multiple independent and group research projects in unique terrestrial ecosystems from local forests to the deserts of the American southwest.

We will work as a community to develop and implement field projects based on: 1) workshops in rapid observation and field data collection; 2) participation in large multiyear studies in collaboration with other universities and agencies; and 3) student originated short- and long-term studies. Students will focus on field sampling, natural history, and literature research to develop workable field-data collection protocols. Students will implement observation- and hypothesis-driven field projects. Field projects will be paired with weekly labs and lectures on ecological statistics – helping to move each project through phases of research design, implementation, and then analysis. Students will demonstrate their research and analytical skills through scientific writing and presentation of all group and individual research projects.

Specific topics of study will include community and ecosystem ecology, biogeochemistry, plant physiology, forest ecology, riparian ecology, fire disturbance effects, carbon cycling, insect-plant interactions, and ecological statistics. We will emphasize identification of original field research problems in diverse habitats, experimentation, statistical analysis, and writing in scientific journal format. All students will be expected to gain competency in advanced statistics and scientific writing.

Contact the Faculty or see <https://sites.evergreen.edu/fieldecology/> for updates on study locations for this year's program.

Anticipated Credit Equivalencies:

- *4 – Applied Statistics I and II
- *4 – Scientific Writing
- *8 – Field Ecology

Registration: Signature required: APPLICATION AVAILABLE Online. All Applications will be reviewed by March 6th.

Multiday Field Trip:

May 18th – 30th

Weekly Schedule

Tuesday	Wednesday	Thursday
9:00AM - 11:50AM Field Ecology (Lecture and Meeting)	9:00AM - 11:50AM Field Ecology (Lecture and Meeting)	9:00AM - 11:50AM Field Ecology (Lecture and Meeting)
LAB 2 3221 - Class Lab/ Field Lab	LAB 2 3221 - Class Lab/ Field Lab	LAB 2 3221 - Study Design/Statistics Lecture
1:00PM - 3:00PM		1:00PM - 4:50PM
LAB 2 3221 - Class Lab/ Field Lab		Field Ecology(Ecological Statistics Lab)
		LAB 2 1223B - CAL East

Books:

[Practical Field Ecology](#) 2nd ed.