

FOREST HEALTH MANAGEMENT CERTIFICATE

The Forest Health Management Certificate prepares students with existing backgrounds in natural resources and forestry to work in a proactive capacity to address and monitor forest pests and pathogens to protect forest health. The certificate prepares students to work in government agencies, nonprofits, and in the private sector in a forest health and resilience capacity.

About this Program

- **College:** Agricultural and Life Sciences (<http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/>)
- **Credits:** 15-17 | Completed with minimum grades of C

School Information

The School of Forest, Fisheries, and Geomatics Sciences is a unit within the Institute of Food and Agricultural Sciences (IFAS) and the College of Agricultural and Life Sciences (CALs). The school is home to three distinct yet integrated program areas: Fisheries and Aquatic Sciences (<http://sfrc.ufl.edu/fish/>), Forest Resources and Conservation (<http://sfrc.ufl.edu/forest/>), and Geomatics (<http://sfrc.ufl.edu/geomatics/>). The school's faculty, staff, and students conduct research, teaching, and extension that cuts across a wide range of environments and disciplines.

Website (<http://sfrc.ufl.edu/>)

CONTACT

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Map (<http://campusmap.ufl.edu/#/index/0832>)

Curriculum

- Combination Degrees
- Fire Ecology and Management Certificate
- Fisheries and Aquatic Sciences Minor
- Forest Resources and Conservation
- Forest Resources and Conservation Minor
- Geomatics
- Geomatics Certificate
- Mapping with Small Unmanned Aerial Systems Certificate
- Natural Resource Conservation

Certificate Requirements

- Current FRC majors only by special permission from SFFGS Undergraduate Coordinator via a Pre-Enrollment Survey.
- Completion of course prerequisites for the certificate courses.
- Ability to complete at least 6 credits after admission to program.
- Writing a summative essay on the student's experience and connect it to forest health and resilience issues.

Required Courses

Code	Title	Credits
FNR 3133C	Tree Biology	3
FOR 4624C	Forest Health Management	3
Select one: ¹		3
FOR 4905	Individual Study in Natural Resources	
FOR 4911	Supervised Research in Forest Resources and Conservation	
FOR 4941	Internship in Natural Resources	
Electives		6-8
Total Credits		15-17

Electives

Code	Title	Credits
ALS 4161	Exotic Species and Biosecurity Issues	3
ALS 4162	Consequences of Biological Invasions	3
BSC 3307C	Climate Change Biology	4
HOS 3305	Introduction to Plant Molecular Biology	3
IPM 3022	Fundamentals of Pest Management	3
PLP 3230	Survey of Plant Pathogens	3
PLP 4653C	Basic Fungal Biology	4
PLS 4601C	Principles of Weed Science	3
SWS 4231C	Soil, Water and Land Use	3
SWS 4303C	Soil Microbial Ecology	3

¹ A grade of S is required for FOR 4911, FOR 4941, and FOR 4905.
