FIRE ECOLOGY AND MANAGEMENT CERTIFICATE

This certificate provides a comprehensive foundation in fire ecology and management with an emphasis on practical, experiential learning grounded in current research that encompasses the many dimensions of wildland fire worldwide. Directed electives provide for additional focus in both ecological and communications areas.

About this Program

- **College:** Agricultural and Life Sciences (https://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/)
- **Credits:** 15 | Completed with minimum grades of C
- Student Learning Outcomes (SLOs) (https://public.tableau.com/app/profile/uf.oipr4918/viz/UFStudentLearningOutcomesCertificatesOnly/StudentLearningOutcomes/?publish=yes)

Certificates must comply with the Certificate Policy.

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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136 NEWINS-ZIEGLER HALL
GAINESVILLE FL 32611-0410
Map (http://campusmap.ufl.edu/#/index/0832)

Curriculum

- Combination Degrees
- Environmental Policy, Law, and Regulation Certificate
- Fire Ecology and Management Certificate
- Fisheries and Aquatic Sciences Minor
- Forest Health Management Certificate
- Forest Resources and Conservation
- Forest Resources and Conservation Minor
- Geomatics
- Mapping with Small Unmanned Aerial Systems Certificate
- Natural Resource Conservation
- Recreation Resources Management Certificate
- Urban Forestry Certificate

Admission Requirements

Current students enrolled in the Natural Resource Conservation (NRC) or Forest Resources and Conservation (FRC) degree programs, or non-degree-seeking professionals with academic and/or professional background in natural resources, natural resource management, or allied fields sufficient to provide experience and/or context for the certificate coursework, as determined by the undergraduate coordinator. In rare cases students currently enrolled in other majors will be considered if they meet the requirements stated above for non-degree-seeking professionals.

Students must have a high-school diploma or the equivalent and they must have completed all course prerequisites before enrolling in any course.

Required Courses

Code	Title	Credits
FNR 3622	Fire Ecology and Management	3
& 3622L	and Fire Ecology and Management Laboratory	

Electives	12
Total Credits	**15**

Approved Electives

Ecology

Select one

Code	Title	Credits
FNR 3500C	Forest Ecology	3
PCB 3601C	Plant Ecology	3
WIS 3401	Wildlife Ecology and Management	3

Weather and Climate

Select one

Code	Title	Credits
GEO 2242	Extreme Weather	3
GEO 3250	Climatology	3
MET 1010	Introduction to Weather and Climate	3

Directed Electives

Select 6 credits in consultation with advisor

Code	Title	Credits
AEC 4031	The Communication Process in Agricultural and Life Sciences	3
EVR 3323	Introduction to Ecosystem Restoration	4
FNR 3602	Society and Natural Resources	3
FNR 4905	Individual Study in Natural Resources	1-4
FNR 4941	Internship in Natural Resources	1-4
JOU 3101	Reporting	3
PUR 3000	Principles of Public Relations	3