

# 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 (<http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/>)
- **Credits:** 15 | Completed with minimum grades of C

*Certificates must contain at least nine credits of coursework that are unique to that program out of all other certificates and minors.*

## 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

## Admission Requirements

Students 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.

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
FOR 3214 & 3214L	Fire Ecology and Management and Fire Ecology and Management Laboratory	3
Electives		12
<b>Total Credits</b>		<b>15</b>

## Approved Electives

### Ecology

#### Choose one

Code	Title	Credits
FOR 3153C	Forest Ecology	3
PCB 3601C	Plant Ecology	3
WIS 3401	Wildlife Ecology and Management	3

### Weather and Climate

#### Choose one

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

### Directed Electives

#### Choose 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
FOR 3202	Society and Natural Resources	3
FOR 4905	Individual Study in Natural Resources	1-4
FOR 4941	Internship in Natural Resources	1-4
JOU 3101	Reporting	3
PUR 3000	Principles of Public Relations	3