

# MAPPING WITH SMALL UNMANNED AERIAL SYSTEMS CERTIFICATE

This certificate focuses on mapping using small Unmanned Aerial Systems (UASs) and the use of UASs as a geospatial data-acquisition tool. Well-suited for students studying geomatics, as well as disciplines which require high resolution geospatial information such as agriculture, forestry, wildlife management, mining, infrastructure planning and monitoring, and disaster management.

## About this Program

- **College:** Agricultural and Life Sciences (<https://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/>)
- **Credits:** 9 | Completed with minimum grades of C
- **Contact:** Email ([shouder@ufl.edu](mailto:shouder@ufl.edu)) | 352.846.0146
- 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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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
- Geomatics Certificate
- Mapping with Small Unmanned Aerial Systems Certificate
- Marine Sciences | CALS
- Natural Resource Conservation
- Recreation Resources Management Certificate
- Urban Forestry Certificate

Students must have a high-school diploma or the equivalent, and completed SUR 3103C with a minimum grade of C.

## Required Courses

Code	Title	Credits
SUR 4376	Geospatial Applications of UASs	3
SUR 4501C	Foundations of UAS Mapping	3
SUR 4940C	Practicum in UAS Mapping	3
<b>Total Credits</b>		<b>9</b>

