

Thank you for your interest in the **Geospatial Analysis** graduate certificate program. This 9-credit graduate certificate aims to address geospatial sciences including geographic information systems, remote sensing, image analysis, geostatistics, GIS programming/scripting, web mapping, data visualization, and spatial modeling. The use of geospatial data is an evolving field, both in principle and practice. This certificate allows working professionals to gain additional academic understanding/credentials in this field, such as: applying theoretical and technical knowledge of geospatial information sciences and the application of spatial analysis for research problems in resource conservation; design and implementation of research methodologies used in the application of Geomatics; utilizing digital spatial data resources for mapping and analysis tasks; use of Geographic Information Systems (GIS) to both document and analyze natural resources.

Requirements

Geospatial Analysis Graduate Certificate Program (GAN)

- All students must earn a grade of B or better in each course to use it towards the GAN certificate.
- UF graduate degree-seeking students who would like to add this certificate must apply for admission before 50% of the credits are complete.
- It is recommended that students begin this program in the spring for the ideal disbursement of courses (1 course spring, 1 course fall, 1 course spring).

Required Courses (6 credits):

- [GIS 6116 Geographic Information Systems Analysis](#) (Spring; 3 credits)
- [SUR 5386 Image Processing for Remote Sensing](#) (Spring; 3 credits)

Choose 1 Elective (3 credits) from the following options:

- [SUR 5365 Digital Mapping](#) (Fall, odd years only; 3 credits)
- [GIS 6103 GIS Programming](#) (Fall, even years only; 3 credits)

Tuition

Tuition for online certificate-only students:

- Tuition for courses with the prefixes of **GIS/SUR** is approximately \$545 per credit hour, regardless of residency status. FL state agency tuition waivers are accepted, though distance learning fees of approximately \$30 per credit hour are not covered by the waiver.

Tuition for students who are also UF degree-seeking students:

- Degree-seeking students enroll in degree-seeking sections, even if they are also using a course towards a certificate.
- Tuition rates will vary depending on if you are on/off campus, in/out of state, self-funded, etc.

Admission

To apply for admission to a certificate program, visit <https://admissions.ufl.edu/apply/certificates> and click **New Student Application** (for new students completing only the certificate) or **Currently Enrolled App** (for current UF graduate degree students who wish to add the certificate). Certificate applications take 2-3 weeks to process through multiple offices. Graduate Certificate applications require an official

bachelor's transcript from an accredited institution. There are no requirements for the bachelor's degree to have been in a particular discipline. Please plan on applying at least [one month prior to the start of classes](#) for your intended first term.

Once applications go through the UF Admissions level, they are processed by Sandie Houder at the program level. After admission, Sandie Houder will be your contact for registration and other student support areas.

Delivery

Courses in this certificate program are offered on a semester basis, following the traditional academic calendar. In some courses you may have more flexibility to work at your own pace, but typically assignments, tests, and other coursework will have weekly deadlines. In general, courses usually do not need to be taken in a particular order. Most of our students are working professionals who choose to take 1-2 courses per term. You can view most course syllabi on this page: [100% Online Courses for 100% Online Students](#).

Online courses are delivered via Canvas, UF's e-learning course management system. You can access all your courses by logging into Canvas to view your lectures, assignments, tests, and other materials for your courses. Some of our online courses do not use traditional examinations as means to assessing knowledge; rather, they employ asynchronous discussions, papers, and other assignments in place of testing. Some courses conduct proctored exams online.

There are technical requirements/expectations that you must meet to be successful in our courses. Requirements will vary with each course, but in general you must have reliable access to a high-speed non-wireless connection, especially for taking exams and quizzes. Most recorded lectures are streamed, not downloaded-- so reliable, fast internet is a requirement for online students. You should have hardware capable of installing the latest version of multiple web browsers, e.g. Chrome and Firefox, as some course content delivery methods work better in different browsers. You should also have access to and familiarity with MS Office Suite, webcams, and microphones. Computer literacy is expected.

Completion

When your certificate program is complete, your official academic transcript will reflect this graduate certificate and you will receive a printed certificate for display from the University of Florida's College of Agricultural and Life Sciences. Students can transfer up to 15 credits of graduate certificate coursework with a grade of B or better into one of our degree programs, should you decide to apply for admission to the [Master of Science in Forest Resources and Conservation](#).

Please let me know if you have any questions or need more information. Thank you!