

Thank you for your interest in the **Geomatics Certificate** program.

Our Geomatics certificate courses are appropriate for surveyors and mappers in training, new graduates, or working professionals interested in a career in the fields of geomatics – surveying, mapping, GIS, and photogrammetry. Courses are part of the ABET-accredited Geomatics program at the University of Florida and serve to help meet the requirements of pre-licensure examination in the state of Florida. In a series of online courses, UF faculty will present overviews on Geomatics issues, as well as insights into the latest developments on these issues. Faculty from the UF Geomatics Program recognized for their expertise in surveying, mapping, GIS, legal aspects, computations, and photogrammetry continually update these courses with their unique perspectives.

Please refer to the “needed skills” associated with the courses that replaces traditional course prerequisites for this program.

Requirements

Geomatics Certificate (GMT)

- All students must earn a grade of C or better in each course to use it towards the GMT certificate.
- UF degree-seeking students who would like to add this certificate must apply for admission before 50% of the credits are complete.

Required Courses (6 credits):

- [SUR3103C Geomatics](#) (3 credits; offered Fall & Spring)
 - Needed skills/materials: algebra, trigonometry, **access to surveyor equipment, access to local surveyor mentor**, access to basic use of AutoCad, textbook.
- [SUR3641 Survey Computations](#) (3 credits; offered Fall)
 - Needed skills/materials: algebra, trigonometry, textbook.

Choose 3 Electives (9 credits) from the following options:

- [GIS3072C Geographic Info Systems](#) (3 credits; offered Fall)
- [SUR3323 Visualization of Spatial Information](#) (3 credits; offered Fall & Spring)
- [SUR4201 Route Geometrics & Design](#) (3 credits; offered Fall & Summer C)
 - Needed skills/materials: survey computations, algebra, trigonometry, analytic geometry.
- [SUR4403 Cadastral Principles](#) (3 credits; offered Fall)
 - Needed skills/materials: report writing in English, textbook.
- [SUR4430 Surveying & Mapping Practice](#) (3 credits; offered Spring)
 - Needed skills/materials: boundary law, survey computations, AutoCad survey drafting, report writing in English.
 - Prerequisite: SUR4403 Cadastral Principles **OR** instructor permission.
 - This course should be taken at the end of your program.

If you are applying for Florida PSM licensure, the Geomatics Certificate’s 15 credits of certificate coursework would apply toward the semester hours needed to sit for the exam. Students needing more

than 15 credits hours can take the “extra” electives for up to 21 credits. **However, there are additional licensing requirements that must be met.** The requirements for licensure by examination and contact information for the Board of PSM can be found at this link: [FDACS Surveyor/Mapper Licensing](#). If you are located outside of Florida, please refer to your own state/area’s licensing board requirements.

Tuition

Tuition for online certificate-only students:

- Tuition for courses with the prefix of **SUR/GIS** for FL residents is approximately \$162 per credit hour. 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 courses with the prefix of **SUR/GIS** for non-FL residents is approximately \$295 per credit hour.

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

- Degree-seeking students will 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, 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 degree students who wish to add the certificate). Certificate applications take 2-3 weeks to process through multiple offices. Undergraduate Certificate applications require an official high school transcript from an accredited institution. 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 undergraduate certificate and you will receive a printed certificate for display from the University of Florida's College of Agricultural and Life Sciences.

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