

Get Into Technology. Get Into Position.

Get into . . . **Geomatics** . . .



UF UNIVERSITY of
FLORIDA
IFAS



SFRC School of
FOREST RESOURCES
& CONSERVATION



For more information:
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Careers:

- Land Surveying
- Remote Sensing
- Global Positioning Systems (GPS)
- Digital Mapping
- Geographic Information Systems (GIS)
- Satellite & Airborne Imaging
- Unmanned Aerial Systems/ Vehicles (UAS/UAV)

Looking for...

- a good paying career?
- a career path that provides a great deal of independence?
- immediate employment upon graduation?
- a career that allows both outdoor and office-based work?

Are you...

- comfortable with computers?
- interested in math and science?
- happier in diverse environments?

Then Geomatics May Be for You

UF offers the state's largest and longest running 4-year ABET accredited degree program in Geomatics. This field uses advanced technology to detect how and where things are located on the Earth's surface. As a Geomatics' student you'll study: how the Earth is measured, how Earth-based data is analyzed and how this data is integrated into forms and systems that people can use. Everyday work requires proficiency with Geographic Information Systems (GIS), Global Positioning Systems (GPS), surveying and mapping, plus remote sensing and photogrammetry. While a UF student, regular use of high tech classroom and field equipment prepare you to enter the work world with plenty of hands-on experience. Plus, we offer assistance with finding and applying for internship opportunities.

Career Opportunities

Students who graduate from the UF Geomatics Program are in high demand. Whether working for a large corporation, private company or the public sector, opportunities for rapid advancement are plentiful.

- Within 5 years, most Geomatics' graduates own their own business or are a partner in a business.
- Historically, there are far more job offers than available graduates.
- Starting salaries for graduates typically approach \$50,000.

Students wishing to major in Geomatics can be admitted in two ways: as a freshman immediately after completing high school or as a transfer student after earning 60 or more transferable college credits from a community college, junior college, or other 4-year university. An Associate of Arts degree from a Florida institution is encouraged as it will satisfy all UF general education requirements.

Complete the following courses with a 2.5 GPA (includes all attempts at a course).

- SPC2608 or AEC3030C	Public Speaking or Effective Oral Communication	3 credits or 3 credits
- PHY2053 + PHY2053L or PHY2004 + PHY2004L	General Physics 1 + General Physics 1 Lab or Applied Physics + Applied Physics Lab	4 credits + 1 c. or 3 credits + 1 c.
- PHY2054 + PHY2054L or PHY2005 + PHY2005L	General Physics 2 + General Physics 2 Lab or Applied Physics 2 + Applied Physics 2 Lab	4 credits + 1 c. or 3 credits + 1 c.
- STA2023	Introductions to Statistics	3 credits
- MAC1114 + MAC2233 or MAC2311	Trigonometry + Survey of Calculus 1 or Analytical Geometry and Calculus 1	2 credits + 3 credits or 4 credits
- ECO2023 or ECO2013 or AEB2014	Principles of Microeconomics or Principles of Macroeconomics or Economic Issues, Food & You	3 credits or 3 credits or 3 credits
- COP1000	Introduction to Computer Programming or other pre-approved computer programming course	3 credits

Complete the UF foreign language requirement.

The Geomatics program is also offered at the Gulf Coast Research and Education Center in Plant City, the Mid-Florida Research and Education Center in Apopka, and the Fort Lauderdale Research and Education Center.

For more information on the Geomatics major at these sites please contact:

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