Program News

It's already August which means the new academic year is almost upon us! There are many GIS, surveying, and mapping educational opportunities for you to take advantage of here in South Florida with the University of Florida FLREC Geomatics program. For example, the newly created online non-thesis coursework-only Master of Science degree and the 3 course Geospatial Analysis graduate certificate have received a tremendous response thus far. If interested, there is still time to register for Fall classes. Enroll today!

The FLREC Geomatics program has been active over the Spring and Summer semesters. In January, the Broward County GIS Users Group hosted a series of GIS research project vignettes. The FLREC Geomatics Research Group presented multiple projects in this well-received event.

In May, Pickett & Associates, Inc. in Bartow (FL) hosted the UF Geomatics program to learn firsthand about aerial LiDAR mapping. The event was an excellent learning experience for all involved.

Recent presentations at conferences given by the FLREC Research Group include the Transportation Research Board 92nd Annual Meeting (Washington, D.C.), Coastal Hazards Summit (St. Augustine, FL), ASPRS Annual Conference (Baltimore, MD), Geoinformatics Forum (Salzburg, Austria), ISM 2013 (Montreal, CA), and the ESRI User Conference (San Diego, CA). The right hand sidebar lists selected FLREC Geomatics presentation titles from these conferences. Additional information on these presentations can be found on our website.

Fall 2013 courses are now open for registration. Contact Adam Benjamin today for an advising appointment!

Important 2013/2014 Dates

• Aug. 20: Last Day of Regular Registration
• Aug. 21: Fall Classes Begin
• Aug. 27: Last Day of Late Registration
• Aug. 30: Fee Payments Due (Spring)
• Sep. 15: Undergraduate Geomatics Admission Application Deadline (for Spring 2014)
• Dec. 13-14: Fall Commencement
• Jan. 6: Spring Classes Begin
• May 2-4: Spring Commencement

Research Presentations

• Predicting the Geographic Distribution of Two Invasive Termite Species in Florida Using a Bayesian Logistic Model for Presence-Only Data
• Drought Risk Assessment—A Customized Toolbox
• Assessing the effect of data imports on the quality of OpenStreetMap: A United States case study

FLREC Geomatics Awards

• Adam Benjamin was awarded the 2013 ASPRS Florida Region Professional Award
• Dennis Zielstra was named the Geomatics PhD student of the year
• Dr. Henry Hochmair received the outstanding Faculty Award for the UF Geomatics program
A Message To Prospective Undergrad Students

The University of Florida’s Fort Lauderdale Research & Education Center (FLREC) offers a 4-year, ABET accredited degree, the Bachelor of Science in Geomatics, which fully prepares graduates for professional licensure in the state of Florida and beyond. We are located 1 mile off Interstate 595 in the NW corner of the South Florida Education Center (Directions).

Our program is designed for both full-time and working students. Students registered at our campus can attend live lectures taught on site or watch live lectures originating from Gainesville via our video conferencing system. Further, lectures are recorded so students can watch them from any personal computer with basic broadband internet service. Our laboratory courses, typically occurring in the evenings or on Saturdays, have been adjusted to be flexible with student work schedules.

We recommend that students:

1. Obtain an Associate of Arts degree (AA) from a Florida college to complete all UF general education requirements
2. Satisfy their AA with the prerequisite courses required for admission to the Geomatics Program (listed on the right.) By taking these courses while earning their AA, students can be admitted faster into the Geomatics Program.

Geomatics courses can be taken in non-degree seeking status prior to admittance but some limitations apply. Please contact us to find out if the non-degree seeking status will work for you.

Each semester students have the opportunity to apply for various college scholarships and internships. We encourage all students to apply for our local scholarships as well as those at the regional and national levels (e.g. FSMS, ASPRS, & NSPS scholarships). So, what are you waiting for? Contact us today to see how we can change your future!

Undergrad Geomatics Admission Prerequisites

1. SPC2608 – Public Speaking
2. PHY2053 – General Physics 1 + PHY2053L – General Physics 1 Lab (or PHY2048 + PHY2048L)
3. PHY2054 – General Physics 2 + PHY2054L – General Physics 2 Lab (or PHY2049 + PHY2049L)
4. STA2023 – Statistics
5. MAC 2311 – Calculus I (or MAC1114 + MAC2233 – Trigonometry + Business Calculus)
6. ECO2023 – Microeconomics (or ECO2013 Macroeconomics)
7. COP#### – Advisor Approved Programming Course (C++, Visual Basic, Java, etc.)

Career Potential

• Competitive Salaries for Graduates
• Public & Private Sector Job Opportunities
• Advancement through Licensure
• Historically, 50% of Graduates Own or Partner in a Business Company within 5 years of Graduating

Areas of Study

• Professional Surveying
• Photogrammetry
• GIS & Remote Sensing
• Cartography
• Cadastral Science
• Geodesy & GPS
• Forestry/Precision Agriculture
• Land Development

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If you do not wish to receive further newsletters from the Fort Lauderdale Research & Education Center Geomatics Program, please send an e-mail to abenjamin1@ufl.edu.