

Practical Experience for CISE Students

The College of Engineering & the Computer & Information Science & Engineering department encourages opportunities for undergraduate students to get hands-on experience that will be invaluable as a student, as a graduate in the job market, as a prospective graduate student, & later as a professional engineer.

INTERNSHIPS/ CO-OPS

Internships & co-ops are career/major-related work experiences usually lasting one semester or longer if it is a co-op. These provide opportunities to experience future careers, test skills, learn new skills, & make important contacts. An internship can be paid or on a volunteer basis. Please speak with a CISE Undergraduate Advisor regarding obtaining course credit for an internship or co-op.

<http://www.cise.ufl.edu/academics/undergrad/policies/index.shtml#intern>
<http://www.ufadvising.ufl.edu/career/internships.html>

CAREER SHOWCASE & CISE CAREER WORKSHOP

Career Showcase, sponsored by the UF Career Resource Center, provides students the opportunity to interact with prospective employers face-to-face who are seeking candidates for interns, co-ops, & full-time positions. The CISE department & the UF chapters of ACM & ASCIE host a similar event for CISE students only. Contact a CISE Undergraduate Advisor for information regarding the CISE Career Workshop.

<http://www.crc.ufl.edu/careerfairs/Events/Showcase/showcase.php>

IPPD

Integrated Product & Process Design is an innovative educational initiative within the College of Engineering. Students work in multidisciplinary teams under the guidance of a faculty coach & industrial liaison engineers to design & build authentic industrial products & processes for sponsoring companies. This is a competitive, senior level program that is split between the Fall & Spring semesters of the same academic year. (1st semester = Design, 2nd semester = Build/Test)

<http://www.ippd.ufl.edu>

RESEARCH EXPERIENCE IN MATERIALS (REM)

The Research Experience in Materials (REM) program is open to freshman & sophomores interested in Materials Science & Engineering (though you do not have to be a Materials major). Students work in MSE labs with graduate students & get paid \$10/hour for up to 10 hours per week. Approximately 30 students are selected annually.

<http://www.mse.ufl.edu>

UNIVERSITY SCHOLARS

In the University Scholars program, students work one-on-one with UF faculty on a selected research project. Under college guidelines, students must be a sophomore, junior, or senior engineering student with a minimum 3.2 cumulative UF GPA. Students must meet the eligibility requirement at the time of application. University Scholars receive a research stipend & financial support for travel to a scholarly conference or to collect data.

<http://www.eng.ufl.edu/students/programs/universityscholars.php>

RESEARCH

The University of Florida offers numerous opportunities for undergraduates to pursue research under the direction of a faculty member. These intensive research opportunities personalize the academic experience & challenge students to strengthen their writing & analytical skills. We encourage students to interact with faculty regarding interest in research.

<http://www.ufadvising.ufl.edu/research>

ENGINEERS WITHOUT BORDERS

Engineers without Borders is a non-profit organization that is sponsored by private & corporate donors. This program allows student engineers to travel to a developing country & work on a project that can help the quality of life of those living in the area. Students work on a project (generally takes a year) that has specific relevance to the community in an underdeveloped part of the world. The students travel there in two trips: the assessment & the implementation. Students are also involved in various educational & community ventures locally, so not to limit participation to those who can travel on out-of-country projects. All disciplines, majors, & backgrounds are welcome.

<http://www.ewb-uf.org>