ENGINEERING INNOVATION MINOR

Graduates with this minor across all engineering disciplines are better prepared to enter the market place as innovators and leaders in myriad technology-centric industries. The minor provides the academic background for graduates to think more creatively, innovatively, and entrepreneurially. Graduates are more rounded with innovation skill sets that enhance career advancement opportunities, either for employers or in their own entrepreneurial pursuits.

About this Program

- · College: Herbert Wertheim College of Engineering (http://catalog.ufl.edu/UGRD/colleges-schools/UGENG/)
- · Credits: 15 | Completed with a minimum 2.8 combined GPA

Related Programs

· Engineering Innovation Certificate

Open to all Herbert Wertheim College of Engineering majors. Students can only complete one UF Innovation minor. Students cannot earn both the Engineering Innovation minor and Engineering Innovation certificate.

The curriculum enhances the engineering discipline with courses in engineering attributes, communications, innovation, entrepreneurship, creativity, leadership, and project management, and can also include an internship/co-op experience. The UF Engineering Innovation Institute oversees this minor.

This minor develops a deep and comprehensive skill set in undergraduate engineering students that can be applied to innovation-driven enterprises as well as in "intrapreneurial" initiatives within larger organizations. The core themes involve creativity, the study of engineering-focused innovations, technological entrepreneurship, leadership of teams focused on technology and engineering, engineering project management, and professional development for engineers.

This minor complements the technical training in the student's major discipline by providing the tools and knowledge required for engineering innovators.

Required Courses

ENC 3246 Professional Communication for Engineers 3 Select 9 credits: 9 EGS 2036 Fundamentals of the New Engineer 9 EGN 2020C Engineering Design & Society (Freshman Design) 9 EGS 2036 Fundamentals of the New Engineer 9 EGN 2020C Engineering Entrepreneurship 9 EGS 4038 Engineering Leadership 19 EGS 4038 Engineering Leadership 19 EGS 4038 Engineering Leadership 19 EGS 4625 Fundamentals of Engineering Project Management 19 Up to 3 credits of the below courses can count towards the 9 credits above: ABE 4949 Work Experience in Biological Engineering 19 EMS 3941 Internship Experience in Biological Engineering 19 CEN 4940 Practical Work in Computer Engineering 19 CEN 4940 Practical Work in Computer Engineering 19 CIS 4949 Co-op Work Experience 19 ECH 4949 Co-op Work Experience 19 ECH 4948 Internship Work Experience 19 ECH 4948 Practical Work in Electrical and Computer Engineering 19 EEL 4948 Practical Work in Electrical and Computer Engineering 19 EEL 4949 Co-op Work Experience 19 EEL 4949 Co-op Work Experience 19 EEL 4949 Practical Work in Electrical and Computer Engineering 19 EEL 4949 Co-op Work Experience 19 EEL 4949 Co-op Work Experience 19 EEL 4949 Practical Work in Industrial and Systems Engineering 19 EGN 5949 Practicum/Internship/Co-op 20 EGN 5949 Practical Work in Industrial and Systems Engineering 19 EGN 4949 Co-op Work Experience 20 EM 4949 Co-op Work Experie	Code	Title	Credits
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2 Engineering Innovation Minor

ESI 4949	Co-Op Work Experience	
Total Credits		15