Give Your Career that EDGE

Professional engineers can earn a master’s degree at a time and place convenient to them through programs from University of Florida Electronic Delivery of Graduate Engineering (UF EDGE). UF EDGE helps technical professionals update core knowledge in their engineering disciplines, learn about emerging technologies and acquire new skills in related engineering areas.

The Environmental Engineering Sciences department offers courses that cover topics such as Wastewater Treatment, Stormwater Control, Green Engineering, Aerosol Mechanics, Wetland Hydrology and more.
The EDGE Master of Engineering (ME) and Master of Science (MS) in Environmental Engineering Sciences are 30 credit-hour programs. Students majoring in Environmental Engineering Sciences take minimum 15 credit hours of Environmental Engineering Sciences courses (ENV- or EES- prefix or approved CWR-/CGN- prefix courses) and maximum 15 credit hours of courses outside of the major. Students can take a diverse range of courses that satisfy the degree requirements.

**Admission**

Students having a Bachelor’s degree in science or engineering are eligible for enrollment providing they meet requirements for admission to the Graduate School. See [www.admissions.ufl.edu/applygraduate.html](http://www.admissions.ufl.edu/applygraduate.html) for details.

Admission requirements include a minimum GPA of 3.0 for upper division undergraduate work and a minimum combined score of 297 on the verbal and quantitative sections of the GRE. A passing score on the Fundamentals of Engineering (FE) exam may be substituted for the GRE requirement. Detailed information regarding admission requirements is available at [http://www.essie.ufl.edu/student_resources/graduate](http://www.essie.ufl.edu/student_resources/graduate).

Contact the Environmental Engineering Sciences Academic Office for more details if you have any questions.

Available ENV/EES/CWR/CGN courses in each semester, which may vary from year to year, include the following:

**Fall**
- CWR6116 Advanced Surface Hydrology (Sansalone)
- ENV6416 Advanced Stormwater Control (Sansalone)
- ENV6556 Advanced Wastewater Treatment Operations (Koopman)
- ENV5306 Municipal Refuse Disposal (Townsend)
- CWR6252 Environmental Biogeochemistry of Metals (Bonzongo)
- ENV6932 Life Cycle Assessment (Indarawis)
- CGN6905 Advanced Urban Stormwater System Design (Newman)

**Summer**
- ENV6617 Principles of Green Engineering (Wallace)

**Spring**
- EES6309 Wetland Restoration, Design, Management (Kaplan)
- ENV6130 Aerosol Mechanics (Wu)
- ENV6435 Advanced Water Treatment Process Design (Chadik)
- ENV6511 Biological Wastewater Treatment (Koopman)
- ENV6508 Wetland Hydrology (Kaplan)
- CGN6905 Advanced Water Resources Engineering (Newman)

Examples of non-major courses include, but not limited to, Civil & Coastal Engineering, Soil and Water Sciences ([https://soils.ifas.ufl.edu/distance/courses.html](https://soils.ifas.ufl.edu/distance/courses.html)), Engineering Leadership institute ([https://www.eng.ufl.edu/leadership/curriculum](https://www.eng.ufl.edu/leadership/curriculum)). The exact courses will be determined through discussion with your academic advisor considering your professional goal, interest and preparedness.