

APPLYING FOR ADMISSION

Students may apply for admission to a graduate program if they meet the requirements as stated in the graduate catalog. For details about the UCF admissions process and for deadlines that pertain to the application process, please visit the Web site: www.graduate.ucf.edu.

As a supplement to the Graduate Catalog, the Civil Environmental Engineering Department has a detailed guide for students. Visit www.cee.ucf.edu, click on Academics and then on Graduate.

CONTACTS

Dr. David Cooper, *Graduate Coordinator*
(407) 823-2841 | cooper@mail.ucf.edu

Margarida Trim, *Admissions*
(407) 823-2841 | mtrim@mail.ucf.edu

GRADUATE DEGREE PROGRAM

for Working Professionals

NEW 30-HOUR MASTER'S DEGREE



University of Central Florida
CIVIL AND ENVIRONMENTAL ENGINEERING DEPARTMENT
Office Suite - Engineering Building 2, Room 211
407.823.2841 | www.cee.ucf.edu



New 30-Hour Degree Program *for Working Professionals*

The **Civil and Environmental Engineering Department** prepares graduate students to succeed in careers in civil or environmental engineering with a variety of employment opportunities, including consulting, industry, government agencies at all levels, and higher education.

UCF offers master's degree programs in both these fields of engineering with a new degree option for full-time employed professionals who want to earn a master's degree through part-time coursework.

ALL MASTER'S DEGREES HAVE TWO PROGRAM OPTIONS:

The non-thesis option for part-time working students

- The non-thesis option requires 30 credits of coursework with a comprehensive final examination
- Most of our graduate courses can be taken via video-streaming on the Web.

The research (thesis) option for full-time students

- This option requires 24 credit hours of coursework plus six credits for the thesis.

A master's degree in Civil Engineering includes coursework in:

Structural analysis and design
 Geotechnical engineering and foundations
 Transportation planning and operations
 Water resources modeling and watershed hydrology
 Traffic engineering

A master's degree in Environmental Engineering includes coursework in:

Drinking water treatment
 Wastewater treatment
 Solid and hazardous waste management
 Atmospheric pollution control and modeling
 Community noise abatement
 Water resources modeling and watershed hydrology

The **Civil and Environmental Engineering Department** offers master's degrees in the following specialties:

CIVIL ENGINEERING

Master's in Civil Engineering (M.S.C.E.)
 Master's – Structural and Geotechnical Engineering Track (M.S.)
 Master's – Transportation Engineering Track (M.S.)
 Master's – Water Resources Engineering Track (M.S.)

ENVIRONMENTAL ENGINEERING

Master's in Environmental Engineering (M.S.Env.E.)
 Master's – Environmental Engineering Sciences Track (M.S.)

An individualized curriculum for business-oriented engineers can be designed for you. The total number of credits per semester for part-time students is flexible—we recommend one course per term, and most courses have on-line or distance learning opportunities. There are five required courses and five electives.

For example, students can choose electives from the following courses (as well as others listed in the graduate catalog*) offered by other departments:

ECP 6305: Resources and Environmental Management Policy

ECP 6309: Advanced Resource and Environmental Economics

EIN 6264C: Industrial Hygiene

EIN 6357: Advanced Engineering Economic Analysis

EIN 5117: Management Information Systems I

EIN 5356: Cost Engineering

BUL 6444: Law and Ethics

* Other approved electives may be selected

