



RESEARCH AREAS

- AIR RESOURCES
- COASTAL ECOSYSTEM DYNAMICS (CESD)
- COASTAL & OCEANOGRAPHIC ENGINEERING
- ENGINEERING EDUCATION COLLABORATIVE
- ENVIRONMENTAL NANOTECHNOLOGY
- GEOSYSTEMS ENGINEERING
- MATERIALS & PAVEMENTS
- PUBLIC WORKS
- STRUCTURAL ENGINEERING
- SUSTAINABLE CONSTRUCTION ENGINEERING
- SYSTEMS ECOLOGY & ECOLOGICAL ENGINEERING
- TRANSPORTATION ENGINEERING
- WATER SYSTEMS



Kirk Hatfield, Ph.D.
DIRECTOR
ENGINEERING SCHOOL OF
SUSTAINABLE INFRASTRUCTURE &
ENVIRONMENT (ESSIE)

The Engineering School of Sustainable Infrastructure & Environment (ESSIE) continues to improve and advance sustainability through a nexus of the civil, coastal, environmental and oceanographic programs.

ESSIE is comprised of the Department of Civil and Coastal Engineering and the Department of Environmental Engineering Sciences.

The School offers comprehensive, innovative undergraduate and graduate programs. Instilling excellence in research, leadership, innovation, and entrepreneurship are ESSIE's highest priorities. A growing number of undergraduate and graduate students participate in a collegewide initiative to foster concomitant training in entrepreneurship, innovation, and leadership skills in engineering.

ESSIE is uniquely prominent in its ability to address the new research on coastal, environmental, infrastructure and community needs. No other institution offers a suite of academic and research programs or synthesizes and combines all of the unique qualifications.

#4 Civil and Environmental program in graduating women and underrepresented minorities

13% of the nation's spring 2018 licensed Professional Environmental Engineers (PE) were EES graduates

#8 UF is a top 10 public university according to U.S. News & World Report

92% PE Environmental exam passing rate among EES graduates compared to the 64% U.S. passing rate

#13 in the nation in Undergraduate Civil Engineering Programs among public universities

78% of spring 2018 undergraduates participated in internships

ESSIE.UFL.EDU



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CIVIL AND COASTAL ENGINEERING

AREAS OF STUDY

- Coastal & Oceanographic
- Coastal Ecosystem Dynamics
- Engineering Education Collaborative
- Geosystems Engineering
- Materials & Pavements
- Public Works
- Structural Engineering
- Sustainable Construction Engineering
- Transportation Engineering
- Water Systems

ENVIRONMENTAL ENGINEERING SCIENCES

AREAS OF STUDY

- Air Resources
- Engineering Education Collaborative
- Environmental Nanotechnology
- Sustainable Materials Management
- Systems Ecology & Ecological Engineering
- Water Systems

ESSIE BY THE NUMBERS

UNDERGRADUATE STUDENTS

768
enrolled

19%
underrepresented
minorities

37%
women

GRADUATE STUDENTS

313
enrolled

30%
underrepresented
minorities

32%
women

ESSIE FACULTY

61
full-time
faculty

26%
underrepresented
minorities

21%
women

RESEARCH METRICS

\$14.4
million allocated to
new awards

\$14.9
million allocated to
expenditures

33*
ESSIE
Ph.D. graduates

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