

Graduate Program

ADVANCE YOUR KNOWLEDGE AT THE UNIVERSITY OF FLORIDA

ABOUT US

The UF Department of Engineering Education was formed in 2019. We specialize in engineering education research and the delivery of innovative and effective instructional methods and assessment in engineering coursework. Our faculty design and teach large enrollment undergraduate engineering courses that span multiple majors using methods that promote conceptual understanding and student retention. We are committed to fostering an inclusive learning environment in our classrooms and beyond.



WHY THIS PROGRAM?

1. Collaborate with industry, faculty, and/or advisors to conduct research and develop evidenced-based practices
2. A diverse faculty in terms of ethnicity, disciplines and academic roles that will support and guide you through a meaningful graduate school experience
3. Engage in projects that enhance your next step in your career. Some examples are: Industry training experience, professional development, advising practice, classroom innovation, novel assessment strategy and global engineering education.

"I decided to pursue engineering education at UF after engaging with the amazing faculty in this department. Since expressing my research interests to them, I've received unmatched support and guidance on my graduate school journey."

*Dennis Parnell Jr., June 2022
Graduate Research Assistant*



FACULTY

23

FACULTY & GROWING

50%

FEMALE

51%

MINORITIES



@UF_Eng_Ed



eng.ufl.edu/eed/programs/graduate/

Graduate Program

GO BEYOND YOUR TRADITIONAL STEM EDUCATION

GRADUATE CERTIFICATE

► Start Today

The goal of this certificate in Engineering Education is to prepare graduate students for a career as a faculty member, whether that is a tenure-track position in a research university, tenure-track position in a primarily teaching university, or a non-tenure track teaching or research position. The certificate provides flexibility based on the student's interest. (Minimum of 9 credits are required)

PH.D. DEGREE

► Anticipated Start Fall 2023

Pending approval from the Florida Board of Governors

This degree prepares graduate students to conduct educational research to inform evidence-based practice in an engineering context through core courses in engineering education, experiential learning, and graduate work in disciplinary concentration. (Minimum of 90 credits beyond the bachelor's degree)

COURSE OFFERINGS:

- Cognition, Learning, and Pedagogy in Engineering Education
- Engineering Education Seminar
- Foundations in Engineering Education
- Instructional Design in Engineering Education

- Practice Experience in Engineering Education
- Research Design in Engineering Education
- Research Methods in Engineering Education

"The interdisciplinary nature of the Engineering Education doctorate program excited me enough to apply.

I'm looking forward to learning how to incorporate innovation in students' learning whilst contributing to the instructional designs, strategies and professional development of graduate students."

Gadhaun Aslam, 2021
Graduate Research Assistant



@UF_Eng_Ed



eng.ufl.edu/eed/programs/graduate/



GRADUATE STUDENTS

Our lab is looking for a talented student who can join our group in Spring or Fall of 2023. The student would work as part of a National Science Foundation (No. 2217477) study exploring advocacy mentoring models for non-tenure track faculty in engineering. We especially encourage Black, Indigenous, People of Color, of all intersecting identities (BIPOCx) to apply!



Minimum Requirements

- B.S. in an engineering degree from an accredited institution
- Interest in engineering education research
- Commitment to diversity, equity, and inclusion
- Strong writing and communication skills



To Apply

- Pending the Board of Governor's approval, our program will not start until Fall 2023. However, you can apply to the graduate program at Environmental Engineering or Electrical Engineering for a fall admission.
- Additional information can be found at eng.ufl.edu/eed/programs/graduate/