



**ANDREAS ENQVIST, PH.D.**  
NUCLEAR ENGINEERING PROGRAM DIRECTOR

The **Nuclear Engineering Program** is in the Department of Materials Science & Engineering, part of the Herbert Wertheim College of Engineering at the University of Florida.

This program allows students to collaborate on research projects in backscatter radiography, extreme environments testing, and nuclear fuel cycles. Students also engage in research activities alongside esteemed academics and

collaborate with national laboratories and government agencies.

The department offers Bachelor, Master's and Ph.D. degrees in Nuclear Engineering Sciences - all accredited by ABET.

## RESEARCH AREAS

### Nuclear Fuels and Materials

Radiation Detection and Imaging

### Reactor Physics

Radiochemistry

### Fusion

Plasma Physics

### Nuclear Security, Safeguards and Nonproliferation

Lasers and Optics

### Thermal Hydraulics

## RESEARCH FACILITIES

### University of Florida Training Reactor (UFTR)

Nuclear Fuels and Materials Characterization Laboratory

### HiPerGator (UF High Performance Computing Center)

Laser and Optics Laboratory

### The Advanced Radiation Detection and Imaging Systems (TARDIS) Laboratory



TOP PUBLIC UNIVERSITY  
U.S. NEWS & WORLD REPORT 2023

## FACTS & FIGURES

### ENROLLED STUDENTS

77 Undergraduate

23 Graduate

2022-23 Academic Year

# \$25M

NNSA-CNF CONSORTIUM LED BY THE UNIVERSITY OF FLORIDA

### UNDERGRADUATE STUDENTS

# 34%

UNDERREPRESENTED GROUPS

# 17%

WOMEN

# 12

FULL TIME CORE FACULTY

# 5

AFFILIATE FACULTY

# 7

STUDENTS WITH EXTERNAL FELLOWSHIPS

# #14

GRADUATE NUCLEAR ENGINEERING PROGRAM

AMONG PUBLIC UNIVERSITIES



THE UF NUCLEAR ENGINEERING PROGRAM HAS HIRED SEVEN NEW FACULTY MEMBERS SINCE 2017, INCREASING THE SIZE OF THE PROGRAM BY NEARLY 50%.



STUDENTS CAN PARTICIPATE IN THE ONLINE PROGRAM, **EDGE**, TO EARN A MASTER'S DEGREE FROM AFAR. THE GATOR NATION IS AND CAN BE EVERYWHERE.