

One **college**,
two **universities**,
unlimited **opportunity**.

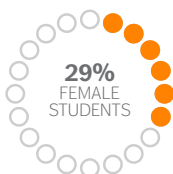
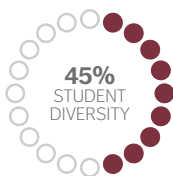
Unique. Collaborative. Relevant.

The FAMU-FSU College of Engineering, established by the Florida Legislature in 1982, is the joint engineering school for Florida A&M and Florida State universities, the only shared college of engineering in the nation. We are located less than three miles from each campus. Our students enroll (and graduate) as Seminoles or Rattlers and start their college experience on the home campus. Once prerequisites are complete, they learn together at our shared engineering building.

We are surrounded by several partner research centers and a national laboratory. This unique collaboration between a top Historically Black University and a Research-1 institution makes us a great place to learn cutting-edge engineering skills in a diverse environment offering a real-world experience that employers value.

The college is a leading academic institution with excellent records of achievement in research and public service. Our faculty partner closely with the research offices at both FAMU and FSU. We offer Bachelor of Science (B.S.) programs in chemical, civil, computer, electrical, industrial, biomedical, and mechanical engineering as well as M.S. and Ph.D. programs. We have attracted an outstanding faculty from all over the world. Our graduates are a diverse group of engineers, from many races, ethnicities, and nationalities.

The FAMU-FSU College of Engineering has been widely hailed for taking the initiative to create programs to align academic curriculum with industry needs. We ensure that the students learn what they need to learn through quality teaching and research.



FAMU-FSU
College of Engineering



FAMU-FSU
College of Engineering

OVER \$43M

Annual research expenditures in 2023

COLLEGE OF ENGINEERING QUICK FACTS

- > Founded in 1982 by the Florida Legislature in Florida's capital city
- > The official engineering research & education institution for Florida A&M University and Florida State University
- > The nation's only joint college
- > A unique partnership between a top-rated national public HBCU and a top national public R-1 university

RESEARCH FACTS (FY23)

- > Research productivity + expenditures equal to peer institutions more than double in size
- > Patents issued: **16**
- > Research awards received: **240**
- > Proposals submitted: **300**
- > Research expenditures: **\$43.7M**
- > Total awards value: **\$52M**

STUDENT FACTS

- > **3041** students
- > **2506** undergraduate
- > **13.6%** increase in undergraduate enrollment since 2019
- > **31.4%** increase in FAMU undergrad enrollment since 2019
- > **9.7%** increase in FSU undergrad enrollment since 2019
- > **535** graduate
- > **63%** increase in graduate enrollment since 2019
- > **454** BS degrees awarded (23-24)
- > **193** MS, PhD degrees awarded (23-24)

Unique Engineering Ecosystem

ENGINEERING DEPARTMENTS

- > Chemical and Biomedical Engineering
- > Civil and Environmental Engineering
- > Electrical and Computer Engineering
- > Industrial and Manufacturing Engineering
- > Materials Science and Engineering
- > Mechanical Engineering

AFFILIATED RESEARCH CENTERS

- > Aero-Propulsion, Mechatronics & Energy Center (AME)
- > Applied Superconductivity Center (ASC)
- > Center for Advanced Power Systems (CAPS)
- > Complex Materials Design for Multi-dimensional Additive Processing (CREST CoMand)
- > Florida Center for Advanced Aero-Propulsion (FCAAP)
- > High-Performance Materials Institute (HPMI)
- > Institute for Strategic Partnerships, Innovation, Research and Education (InSPIRE)
- > National High Magnetic Field Laboratory
- > Resilient Infrastructure & Disaster Response (RIDER) Center
- > Rural Equitable and Accessible Transportation (REAT) Center

ENGINEERING FACULTY

- > **144** faculty members
- > **18%** female faculty
- > **23%** URM faculty (excluding gender)
- > National Academy of Engineering fellows: **3**
- > National Academy of Inventors: **5**
- > NSF CAREER Award winners: **10**
- > ONR/AFORST/DOE/DARPA Young Investigator Program awards: **9**

DEGREES OFFERED

- > Biomedical Engineering (BS, MS, PhD)
- > Chemical Engineering (BS, MS, PhD)
- > Civil Engineering (BS, MEng, MS, PhD)
- > Environmental Engineering (BS Civil Engineering)
- > Computer Engineering (BS)
- > Electrical Engineering (BS, MS, PhD)
- > Industrial Engineering (BS, MS, PhD)
- > Engineering Management (MS Industrial Engineering)
- > Systems Engineering (MS)
- > Mechanical Engineering (BS, MS, PhD)
- > Materials Science and Engineering (MS, PhD)
- > Sustainable Energy (MS Mechanical Engineering)

ENGINEERING CERTIFICATE PROGRAMS

- > Aerospace Engineering – Aerodynamics
- > Engineering Data Analytics
- > Systems Engineering Leadership

STRATEGIC RESEARCH PRIORITIES

(1) Engineering Resilience, (2) High-Performance materials, (3) Sustainable Energy Systems, (4) Integrated Transportation Systems and (5) Engineering Healthcare.