The combination of disciplines in electrical engineering, computer engineering, computer science, and data science is the principle force behind twenty-first century technology in critical areas: computation, communications, security, and scientific discovery. They lead to disruptive changes in the way we interact with our environment and society, communicate, and improve the quality of life around the world.

Our Mission

Degrees Awarded [2022-23]

853 TOTAL DEGREES IN EECS

149 Master’s
37 Ph.D.
667 Undergraduate

$42 MILLION
2022 Research Expenditures
*Includes externally and internally funded projects, subcontracts, and capital improvements.

NSF CAREER Award recipients since 1987
30

Facilities
Electrical Engineering East
Electrical Engineering West
Materials Research Lab
Millennium Science Complex
Westgate Building

106 Faculty

Enrollment
1940 Undergraduate (third- and fourth-year students)
229 Master’s
354 Ph.D.
Research Areas

- Biomedical Devices and Systems
- Communications, Information Theory, and Coding Over Networked Systems
- Computational Science
- Computer Architecture
- Computer Vision
- Control and Decision Systems
- Data Science and Artificial Intelligence
- Electromagnetics
- Electronic Materials and Devices
- Integrated Circuits and Systems
- Internet of Things
- Network and Mobile Systems
- Operating Systems and Cloud Computing
- Optical Materials, Devices, and Systems
- Power and Energy Systems
- Programming Languages and Compilers
- Remote Sensing and Space Systems
- Security and Privacy
- Signal and Image Processing
- Theoretical Computer Science

The School of EECS offers a variety of professional and academic student organizations, including chapters of:

The Institute of Electrical and Electronics Engineers (IEEE), the world’s largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity.

Eta Kappa Nu, the honors society for IEEE, which is dedicated to encouraging and recognizing individual excellence in education and meritorious work in professional practice.

Association for Computing Machinery, an organization for advancing computing as a science and a profession.

Association of Women in Computing, which aims to attract and retain more women in computer science, computer engineering, electrical engineering, and data sciences.

U.S. News & World Report Rankings

**COMPUTER ENGINEERING:**
- Graduate: 26
- Undergraduate: 25

**COMPUTER SCIENCE:**
- Graduate: 29*
- Undergraduate: 40

**ELECTRICAL ENGINEERING**
- Graduate: 28
- Undergraduate: 27

* U.S. News & World Report only ranks this program every four years; last ranked in 2018

Degrees Offered

B.S. in Computer Science, Computer Engineering, Data Sciences, or Electrical Engineering

M.Eng. in Computer Science and Engineering

M.S. in Computer Science and Engineering or Electrical Engineering

Ph.D. in Computer Science and Engineering or Electrical Engineering