ECE @ Georgia Tech

The School of Electrical and Computer Engineering has the largest ECE graduate program in the U.S., and the College of Engineering at Georgia Tech is ranked among the top five in the nation. With over 110 faculty members at three campuses, ECE covers a broad range of research topics and offers a wide selection of courses. The School is home to 11 areas of specialization, over 20 research centers and consortia, and numerous laboratories. In the last five years, ECE has averaged over $59 million per year in corporate, governmental, and research foundation support.

Degree Options

Our graduates are among the most sought after in the world. We offer M.S.E.C.E. (non-thesis or thesis option) and Ph.D. degrees. Students may study at the main campus in Atlanta, Georgia Tech-Savannah, Georgia Tech-Lorraine (GTL) in Metz, France, or Georgia Tech-Shanghai in China. ECE students may also choose from other unique degree options, including:

- interdisciplinary graduate degrees in bioengineering or robotics;
- international M.S. dual degree programs with GTL, Shanghai Jiao Tong University (China), Politecnico di Torino (Italy), or Korea Advanced Institute of Science and Technology; or
- the online master’s degree in ECE.

Areas of Specialization

- Bioengineering
- Computer Systems and Software
- Digital Signal Processing
- Electrical Energy
- Electromagnetics
- Electronic Design and Applications
- Microsystems and Packaging
- Optics and Photonics
- Systems and Controls
- Telecommunications
- VLSI Systems and Digital Design

The School plays a lead role in interdisciplinary research centers–spanning diverse areas like robotics, solar power, high-speed electronics, network security, and bioengineering–where students can work as graduate research assistants. In addition, the Georgia Tech Cooperative Education and Work Abroad programs and the Georgia Tech Research Institute provide opportunities for valuable work experience.

Faculty

Our faculty members have won top teaching, research, and service awards from both Georgia Tech and outside organizations. Over 30 faculty members hold distinguished professorships, almost 40 percent are Fellows of IEEE and other professional societies, and five are members of the National Academy of Engineering.

www.ece.gatech.edu