The School of Electrical and Computer Engineering has the largest ECE graduate program in the United States, and the College of Engineering at Georgia Institute of Technology is ranked among the top six in the nation. With over 100 faculty members, 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 $52 million per year in governmental, corporate, 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-Lorraine (GTL) in Metz, France, or Georgia Tech-Shenzhen 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 several European partner schools; or
- the online master’s degree in ECE.

### AREAS OF SPECIALIZATION

- Bioengineering
- Computer Systems & Software
- Digital Signal Processing
- Electrical Energy
- Electromagnetics
- Electronic Design & Applications
- Microelectronics/Microsystems
- Optics & Photonics
- Systems & Controls
- Telecommunications
- VLSI Systems & 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 three are members of the National Academy of Engineering.
Georgia Tech is located in the heart of Atlanta — a truly unique city and a hub for technology, industry, and entrepreneurship. As a major international access point and home to a number of Fortune 500 companies, Atlanta is an amazingly diverse city, embracing a vivid tapestry of cultures and lifestyles. Atlanta integrates amazing natural beauty with a variety of urban landscapes, from soaring cityscapes to cozy, local neighborhoods. Atlanta’s cultural and social experiences have something to offer everyone, including professional sports teams, music, art and food festivals, expansive public parks, a symphony orchestra, opera, live theater and dance troupes, superb restaurants, and exciting nightlife.