GRADUATE STUDY IN COMPUTER SCIENCE

Master's Degrees

- Master of Science in Computer Science
- Master of Science in Cybersecurity
- Master of Science in BioInformatics

Doctoral Degrees

- Doctor of Philosophy with a Major in Computer Science
- Doctor of Philosophy with a Major in Algorithms, Combinatorics & Optimization
- Doctor of Philosophy with a Major in Bioengineering
- Doctor of Philosophy with a Major in BioInformatics

Bioengineering Programs

In response to the increased need for engineers and medical scientists with advanced training in bioengineering, Georgia Tech now offers master's and PhD degrees in bioengineering. The purpose of bioengineering as a research discipline is

- to develop new and better physical and mathematical concepts and techniques that may be applied to problems in medicine and biology,
- to the development of new medical technologies, and
- to the organization and delivery of cost-effective healthcare.

Interdisciplinary graduate programs in Bioengineering are offered by the College of Computing in conjunction with the Bioengineering Center in the Office of Interdisciplinary Programs, the College of Engineering, and the College of Sciences. The student's home unit will be the College of Computing, which, upon completion of the student's requirements, will recommend the degree. This interdisciplinary approach has been approved by the faculty in the Schools of Aerospace Engineering, Chemical and Biomolecular Engineering, Electrical and Computer Engineering, Materials Science and Engineering, Mechanical Engineering, and Polymer, Textile and Fiber Engineering, and by the deans of the Colleges of Computing, Engineering, and Sciences.

The program is for computer science or engineering graduates who wish to pursue a degree in bioengineering rather than in a traditional field of computing or engineering, or who have done bioengineering research in other disciplines. In addition, those interested students with non-engineering backgrounds (with degrees in such fields as physics, chemistry, biology, or mathematics) who meet the admission requirements will be admitted to the program. Applications from physicians with undergraduate degrees in engineering or the physical sciences will also be considered. All applications will be processed through the Bioengineering Center.

Additional information is available at www.bme.gatech.edu.

Master of Science in Bioengineering

Doctor of Philosophy with a Major in Bioengineering

Graduate Cooperative Programs

The Graduate Cooperative Education Program provides master's and doctoral degree students majoring in any discipline at Georgia Tech the opportunity to supplement their graduate studies with specialized work experience. Graduate co-op students gain experience with top employers, earn competitive salaries to help defray educational expenses, and expand post-graduation career options while on semester-long work assignments.

The Graduate Co-op Program is available to enrolled Georgia Tech students and is based upon academic achievement. Internships related to a student's field of study can receive academic approval as a graduate cooperative work assignment allowing students to work summer, fall, or spring semesters, full-time or part-time.

There are no fees associated with the Graduate Co-op Program and students are provided full-time enrollment status through their registration in a Graduate Co-op course. This permits students to retain all privileges of full-time enrolled students while on work assignments.

To participate in the Graduate Co-op Program, a student must

- have a 3.0 or better GPA,
- complete an online orientation session, and
- obtain a program participation letter from their major school.

Students normally identify their own job opportunities, but the Graduate Co-op Office provides access to a job posting database and can assist with career guidance, job searches, resumes, and cover letters. Graduate students accepting a graduate co-op/internship opportunity should see a Graduate Co-op Program advisor regarding offer letters, required academic approvals, registration permits, and any necessary work authorizations. Enrollment in a 6000-level co-op course, a noncredit/no-cost audit course with no student or Institute fees attached, is also required.

International students are eligible to participate, but F-1 visa holders must be enrolled for a minimum of nine months before being able to work off campus. All international students on F-1, J-1, and other appropriate visas must work with the Office of International Education to secure work authorization documentation.

For more information on the Georgia Tech Graduate Co-op and Internship Program, visit: www.gradcoop.gatech.edu.