

MASTER OF SCIENCE IN BIOENGINEERING

The Georgia Tech Interdisciplinary Bioengineering Graduate Program was established in 1992. Over 200 students have graduated from the program in a broad spectrum of research by our 147 Faculty from the Colleges of Engineering, Computing, Sciences, and Design as well as Emory University School of Medicine.

The BioE Program is interdisciplinary in that it is not a standalone academic unit like most departments or schools at Georgia Tech. Rather, eight different academic units from the Colleges of Engineering and Computing make up the program.

However, the BioE Program provides the degree requirements for students accepted into the program. This approach allows a flexible, integrative, and individualized degree program that enforces depth and breadth in coursework, a solid bioengineering research experience, and yet is reflective of the disciplinary background of the student's home school. Importantly, the BioE Program provides research opportunities for students with any participating program faculty, allowing tremendous diversity and flexibility for research topics and advisors.

Students who wish to pursue a Master's degree in Bioengineering may also do so through the College of Computing. The specific requirements differ from those of the Computer Science Master's program, and while the degree is granted from the College, applications for this program are processed through the Bioengineering Center of the Office of Interdisciplinary Programs.

Additional information is available at www.bioengineering.gatech.edu/.

Curriculum for the MS (non-thesis option)

The non-thesis M.S. in BioE requires a total of 30 credit hours, all of which are coursework.

15 hours of Engineering Fundamentals & Biological Sciences
3 hours of Engineering Math
12 hours of technical electives

Curriculum for the MS (thesis option)

The M.S. in BioE requires a total of 30 credit hours, 21 of coursework and 7 of thesis hours.

3-6 hours of Engineering Fundamentals & Biological Sciences
3 hours of Engineering Math
9 hours of technical electives

Non-Thesis Option

The non-thesis option requires a total of 30 hours - all of which are coursework.

Code	Title	Credit Hours
	Engineering Fundamentals & Biological Sciences	15
	Engineering Math	3
	Technical Electives	12
	Total Credit Hours	30

Thesis Option

The thesis option requires a total of 30 hours - 21 hours of coursework and 7 hours of thesis work.

Code	Title	Credit Hours
	Engineering Fundamentals	3-6
	Biological Sciences	3-6
	Engineering Math	3
	Technical Electives	9
	Thesis Hours	7