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Posted Sep. 8, 2025, set to expire Jan. 7, 2026

Job Title Graduate Student Applications for Fall 2026

Admission

Department School of Chemical, Materials, and Biomedical

Engineering

https://engineering.uga.edu/schools/school-of-chemical-materials-biomedical-engineering/

Institution University of Georgia

Athens, Georgia

Date Posted Sep. 8, 2025

Application Deadline March, 20, 2026

Position Start Date Fall 2026

Job Categories Graduate Student

Academic Field(s) Bioengineering (all Bio-related fields)

Job Website https://grad.uga.edu/degree/mbb-biomanufacturing-

and-bioprocessing/

Apply Online Here https://engineering.uga.edu/degree/mbb-master-of-

biomanufacturing-bioprocessing/

Apply By Email

Job Description

MBB program - To Earn A Master's Degree in Biomanufacturing and Bioprocessing

The Master of Biomanufacturing and Bioprocessing (MBB) at the University of Georgia is a non-



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thesis, professional masters program that trains science and engineering graduates for leadership roles in this rapidly expanding and vitally important field. Biopharmaceutical and cell manufacturing represent critical pillars within the field of biomanufacturing, offering groundbreaking solutions for healthcare and beyond. In the MBB program, students delve into the intricacies of biopharmaceutical production and cell manufacturing, mastering the techniques essential for developing life-saving therapeutics and cutting-edge cellular therapies. Through hands-on laboratory experiences and specialized coursework, including advanced coursework in stem cell engineering, tissue engineering, and animal cell technology, students gain a deep understanding of the regulatory frameworks, quality control processes, and technological advancements driving the biopharmaceutical and cell manufacturing industries forward. Equipped with this knowledge, graduates are poised to excel in careers at the forefront of medical innovation and biotechnology.

Three unique tracks - MBB program welcomes all majors in Engineering and non-Engineering

Industry Track: Gain hands-on experience in biomanufacturing and build strong connections with industry leaders. This job-oriented track offers comprehensive training using industrial-grade equipment, providing students with practical skills essential for the workforce. Research projects and internships offer direct exposure to leading companies, enhancing career readiness.

Entrepreneurship Track: Acquire essential business skills to transform your start-up idea into a viable venture. In addition to earning the MBB degree, this track offers a structured pathway for talented students to incubate and develop their entrepreneurial concepts over the two-year program, with dedicated support and resources.

Academic Track: Develop a broad set of technical skills in genetics, microbiology, biochemistry, and engineering. Designed for students from Mechanical, Civil, and Computer Engineering backgrounds—as well as those without prior engineering experience—this track enables participants to earn a second degree (MBB) in Biomanufacturing Engineering and Biological Technologies. It supports interdisciplinary research and opens diverse career opportunities across academia and industry.



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Athens Campus Information

The Master's in Biomanufacturing and Bioprocessing program at the University of Georgia is designed to provide students with a comprehensive understanding of the principles and practices involved in the manufacturing and processing of biopharmaceuticals, biotherapeutics, and other bio-based products. This program prepares students for careers in the biotechnology industry, regulatory agencies, and research institutions.

The MBB program is offered through the School of Chemical, Materials, and Biomedical Engineering and the College of Engineering at the University of Georgia. It is a full-time, interdisciplinary program that combines coursework, research, and industry experiences. The program duration is typically two years, consisting of four semesters of coursework, an industry internship during the summer semester, and a capstone research project to be completed during your final semester.

The program of study for the Master's in Biomanufacturing and Bioprocessing program includes core courses, electives, research credits, and a capstone project. The total credit requirement for graduation is 38 credit hours.

Students with a non-engineering background may be assigned additional undergraduate level courses to address academic deficiencies and prepare them for graduate-level engineering coursework. These courses must be completed successfully before the end of the student's first year and may not be used on a Program of Study.

Admissions Requirements (please feel free to contact the Program Director for details)

Prospective students must complete a B.S. degree with a minimum **GPA of 3.0 (out of 4.0)** from an ABET accredited program or program in a related field. Students whose native language is not English should have a **TOEFL score of 80 or above** with at least 20 on speaking and writing, or an **IELTS score of 6.5 or above** with no single band (score) below 6.0, or pass an English proficiency test administered by UGA.



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Applicants whose primary language is not English must submit official TOEFL or IELTS scores that are not more than two years old. Official scores may be submitted using the UGA institutional code 5813. Applicants who have received degrees from accredited institutions in the U.S. or from institutions in countries where English is the primary language (see list here) are usually are not required to submit scores. If such an applicant received the degree more than two years prior to application to the Graduate School and has been residing/working in a country where the primary language is not English, he or she must submit current scores.

Application Process

Students will apply to the MBB program according to published guidelines set forth by the UGA Graduate School. To be considered for the program, prospective students must:

- 1) Submit an official online application to the UGA Graduate School.
- 2) Unofficial transcripts are required for the review process. If accepted, you must submit official transcripts prior to matriculation.
- 3) Statement of purpose to include your goals in pursuing graduate study, research and industry experience, as well as explanations for any perceived deficiencies in your application.
- 4) Contact information for three references and three recommendation letters from the references who can speak to your academic record and/or research or professional experiences. International students may be required to show English language proficiency and proof of finances; see the UGA Graduate School site for details.
- 5) GRE scores may be submitted using the UGA institutional code 5813.

Details: https://engineering.uga.edu/degree/mbb-master-of-biomanufacturing-bioprocessing

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Yantao Fan

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