

Biological Engineering Graduate Programs

AT A GLANCE

Biological Engineering is an engineering discipline of life sciences. With a large variety of specializations, our graduates solve today's pressing problems in the areas of human health, sustainable environment, energy independence, and much more.

Faculty Specializations

- Biophotonics
- Synthetic Biological Engineering & Bio Manufacturing
- Bio-Nanotechnology & Materials
- Tissue and Cellular Engineering
- Biology-Inspired Sensors and Biosensors
- Biofuels from Algae and Lignocellulose
- Metabolic Engineering
- Bioprocessing
- BioMEMS & Biomicrofluidics

Department Advantages

- Multiple project funding opportunities
- Make-up courses available for non-engineering B.S. students or qualifying FE exam score
- High faculty to student ratio
- Breadth of topics/Interdisciplinary
- Hands on research opportunities
- Growing job market
- Broad bio-based engineering discipline

DEGREES OFFERED

- Post-MS PhD - (36 credits)
- Post-BS PhD - (60 credits)
- Master's Plan A - For students who wish to continue to a PhD program. Includes a thesis. (30 credits)
- Master's Plan B - For students who will not be continuing to a PhD program. Includes a report instead of a thesis. (30 credits)

Admission Requirements

- Availability of a suitable faculty advisor
- GRE scores (verbal of at least 40th percentile and quantitative of at least 75th percentile)
- TOEFL score above 550 (paper-based) or 79 (internet-based) if English is a second language
- Availability of financial assistance



CAREERS OPPORTUNITIES

Biological engineers are needed in industry, academia, medicine, manufacturing, law, marketing, sales, research, and pharmaceutical companies.

Our alumni have been hired by companies such as Thermo Fischer Scientific, GE Healthcare, Campbell Scientific, and NASA, among many others.

Employment in biological engineering will grow at over 20% per year in the next decade, at highly competitive starting salaries (Source: U.S. Bureau of Labor Statistics).

FOR MORE INFORMATION

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