

What is Biomedical Engineering?

Biomedical engineering, or BME, is a multidisciplinary field of study that requires knowledge of engineering and the biological and physical sciences.

Biomedical Engineering at UAB

UAB offers the only undergraduate BME program in the state of Alabama. Our department consists of programs leading to bachelor's (B.S.), master's (M.S.), and doctoral (Ph.D.) degrees. We offer a biomedical engineering honors program for students interested in undergraduate research. An undergraduate minor is also available.

Program Concentrations in BME

Biomedical Impants and Devices

- Biomaterials/Biomechanics
- Neuro Engineering
- Orthopedic Implants
- Tissue Engineering

Instrumentation and Imaging

- Biocomputing
- Cardiac Devices
- Cardiac Electrophysiology
- Medical Imaging

Contact



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Admission into the undergraduate BME program is highly competitive. The curriculum and experiences of a BME undergraduate are excellent preparation for graduate studies in engineering, the sciences, or for professional training in health-care fields such as medicine and dentistry.

UAB SCHOOL OF ENGINEERING
UAB HEERSINK SCHOOL OF MEDICINE



Department of Biomedical Engineering

UNDERGRADUATE PROGRAM

UAB
THE UNIVERSITY OF ALABAMA AT BIRMINGHAM.

