University of Connecticut (Storrs)

BSE Biomedical Engineering

Study details

Course type: Bachelor's degree
Degree: BSE Biomedical Engineering
Study mode: Full time
Duration: 48 Month

Cost of study

Cost : 39 678 USD
Reg. fee : 80 USD
Scolarship :
Insurance : N/A USD

Intake/s

Aug

Requirements

- English entry - TOEFL 79 (IELTS 6.5, Duolingo 100)
- GPA entry - 3.0 GPA or equivalent
- have completed secondary school (equivalent to U.S. grades 9-12)

Accommodation

Provided by partner agencies

Additional information

Degree Overview

A minor in Biomedical Engineering is offered for engineering students at the University of Connecticut who wish to expand their knowledge in the field. Biomedical engineers apply engineering methods, science and technology to problems in medicine and biology. Biomedical Engineering is a growing field that will continue to have a significant impact on health care. In fact, many feel that biomedical engineering will be the technological area with the most impact on people’s lives in the 21st century. A minor in Biomedical engineering is offered for students at the University of Connecticut who wish to expand their knowledge in the field.
Biomedical engineering involves learning about biology in new ways and developing new tools to diagnose and treat disease and to repair or replace diseased organs. Many students select biomedical engineering to be of service to people and for the excitement of working in a health field.

Additionally, biomedical engineering provides excellent preparation for entrance into medical school. Biomedical engineering is interdisciplinary; that is, biomedical engineers often work with other medical health care professionals as members of a team. Exciting advances in medicine, such as the artificial hearts, pacemakers, medical imaging techniques, lasers, prosthetic implants, life support systems, and devices that help the paralyzed walk, have been the result of team efforts by biomedical engineers and other professionals. In addition, bioengineers have developed new processes for manufacturing products for the pharmaceutical and biotechnology industries, an example being humulin, or human insulin, the first product based on recombinant DNA technology.