BIOMEDICAL ENGINEERING - MINOR

The biomedical engineering minor is open to undergraduate students rostered in the College of Engineering and Applied Science who are interested in an exciting, multidisciplinary field that lies at the interface of medicine, biology and engineering.

Biomedical engineers use engineering principles to analyze and solve problems in biology and medicine, providing an overall enhancement to healthcare. At the same time, biomedical engineers employ concepts learned from biology and medicine to generate new engineering designs.

Current research in biomedical engineering focuses on innovative areas such as biomechanics, biomaterials, medical devices and imaging.

For more information, visit the college’s Minor in Biomedical Engineering (http://www.colorado.edu/engineering/minor-biomedical-engineering) webpage.

Requirements

Students must complete 18 credits (6 courses) for the minor:

• BMEN 2000 Introduction to Biomedical Engineering (3 credits)
• Five elective courses (15 credits)

A cumulative GPA of 2.250 or better is required for courses used to satisfy the requirements of this minor. At least four of the five elective courses (see a complete listing of elective courses on the Minor in Biomedical Engineering (http://www.colorado.edu/engineering/minor-biomedical-engineering) webpage) must be upper division (3000-level or higher). One course can be petitioned to come from outside engineering with preapproval, relevant independent study coursework can be petitioned, and 5000-level courses are allowed where undergraduate students are eligible to enroll.

Prior coursework may be transferred from other institutions with approval. At least three courses need to be taken on the CU Boulder campus. At least two of these three courses have to be at the upper division. Two of the six courses for the minor may not be applied toward BS degree requirements.