

# BIOMEDICAL ENGINEERING - MINOR

passed with a D- or better. Note, however, that a C- or better is required in all prerequisite courses to move on to a subsequent course.

The biomedical engineering minor is open to undergraduate students who are interested in an exciting, multidisciplinary field that lies at the interface of medicine, biology and engineering. Students rostered outside of the College of Engineering and Applied Science may earn the minor as long as they meet the requirements.

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 (<https://www.colorado.edu/bme/academics/minor-program/>) webpage.

## Requirements

### Course Requirements

Completion of 18 credit hours is required for the minor, distributed as follows:

Code	Title	Credit Hours
BMEN 2000	Introduction to Biomedical Engineering <sup>1</sup>	3
Electives <sup>2</sup>		15
<b>Total Credit Hours</b>		<b>18</b>

<sup>1</sup> This course cannot apply towards major degree requirements.

<sup>2</sup> For more information and a list of approved electives, visit the college's Minor in Biomedical Engineering (<https://www.colorado.edu/bme/academics/minor-program/>) webpage.

Requirements for the minor are met by completing the required gateway course and 15 elective credit hours identified below. Here are additional guidelines regarding the requirements:

- At least 12 credit hours must be upper-division (3000 or higher level).
- 6 credit hours must be taken in engineering courses (including Computer Science). Here is a link to submit enrollment requests for department-restricted courses.
- Up to 9 credit hours can be taken outside of engineering (i.e. IPHY, MCDB, PHIL).
- Relevant Independent Study coursework can be petitioned.
- 5000-level courses are allowed where undergraduate students are eligible to enroll.
- Prior coursework may be transferred from other institutions with approval.
- At least 9 credit hours need to be taken on the CU Boulder campus, at least 6 credits of which must be at the upper-division level.

### Grade Requirements

A grade point average (GPA) of 2.000 or better is required in the courses that are used to satisfy the requirements for this minor. Each individual course that is counted towards these degree requirements must be