The Biomedical Engineering Master of Science (MS) degree program is designed to be flexible to meet the individual student’s needs. Students will collaborate with faculty and other advisors to create a tailored degree plan based on their career interests and goals.

Students may choose either a coursework- or thesis-based MS. The thesis option requires completion of a research project with a faculty mentor, a written thesis that describes the research in detail, and an oral defense in front of a committee of program faculty.

For more information, visit the Biomedical Engineering MS Program (https://www.colorado.edu/bme/masters-program/) page.

Bachelor’s–Accelerated Master's Degree Program

Students may earn this degree as part of the Bachelor’s–Accelerated Master’s (BAM) degree program, which allows currently enrolled CU Boulder undergraduate students the opportunity to earn a bachelor’s and master’s degree in a shorter period of time.

For more information, see the Accelerated Master’s tab for the associated bachelor’s degree(s):

- Biomedical Engineering - Bachelor of Science (BSBM) (https://catalog.colorado.edu/undergraduate/colleges-schools/engineering-applied-science/programs-study/biomedical-engineering/biomedical-engineering-bachelor-science-bsbm/#acceleratedmasterstext)

Requirements

Biomedical Engineering MS students must complete 30 credit hours of coursework at the 5000 level or higher and obtain a minimum grade of C (2.0) in each class to count towards the degree. Students must also maintain a 3.0 cumulative GPA or higher to be in good standing with the Graduate School.

Required Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMEN 5117</td>
<td>Anatomy and Physiology for Biomedical Engineering (Fall)</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional Coursework

- Designated biomedical engineering courses: 15 credit hours
- Additional credit hours obtained, as needed, from other fields (e.g., business or other engineering electives): 12 credit hours

Of these 12 credit hours, MS Thesis students must complete 4-6 thesis credit hours in which they will submit a written thesis following the graduate school specifications and present their research findings to a three-member committee.

Total Credit Hours: 30

For more information, visit the Biomedical Engineering MS Program (https://www.colorado.edu/bme/masters-program/#coursework_requirements-127) webpage.