### Biomedical Engineering

#### Degrees Offered

**BS Biomedical Engineering**

#### Prerequisites for entering the major

- **BIOL 101 and 102,** or higher in MCDB or MB&B with DUS permission
- **CHEM 161 or higher and ENAS 194**
- **MATH 115 (unless placed into higher level); MATH 120 or ENAS 151; PHYS 180, 181, 205L, and 206L**
  (or 165L and 166L with DUS permission)

#### Requirements for each degree

<table>
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<th>Bioimaging</th>
<th>Biomechanics and Mechanobiology</th>
<th>Biomolecular Engineering</th>
<th>Systems Biology</th>
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- **13 term courses**
  (for at least 11 credits), beyond prereqs (incl senior req)

- **BENG 249, 280, 350, 351, 352, 353, 355L, 356L, 480**

- **2 term courses in life sciences**
  from prereq and req courses

#### Senior Requirements

- **BENG 280 (.5 credit sophomore year)**
- **BENG 480 (.5 credit senior year) and Senior Project**
  (BENG 474 or BENG 473 and 474)

#### Substitutions

- Relevant course with DUS permission

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*Updated February 2022*