Degrees Offered

Biomedical Engineering
- BS Bioimaging Specialization
- BS Biomechanics & Mechano-biology Specialization
- BS Biomolecular Engineering Specialization
- BS Systems Biology Specialization

Prerequisites

for entering the major

BS Bioimaging Specialization
- BME 101 and 102, or higher in MCB or MBB with DUS permission

BS Biomechanics & Mechano-biology Specialization
- CHEM 161 or higher and ENAS 194

BS Biomolecular Engineering Specialization
- MATH 115, 120 or ENAS 151; PHYS 180, 181, 205L, and 206L (or 165L and 166L with DUS permission)

BS Systems Biology Specialization
- BIOL 101 and 102, or higher in MCDB or MB&B with DUS permission
- CHEM 161 or higher and ENAS 194
- MATH 115; 120 or ENAS 151; PHYS 180, 181, 205L, and 206L (or 165L and 166L with DUS permission)

Requirements

for each degree

BS Bioimaging Specialization
- 12 term courses
- totaling at least 11 course credits beyond preqs

BS Biomechanics & Mechano-biology Specialization
- 3 of following courses:
  - BENG 404, 410, 411, 434, 435, 463, 463, 464, 465, 467, MENG 361

BS Biomolecular Engineering Specialization
- 3 of following courses:
  - BENG 404, 410, 411, 434, 435, 463, 463, 464, 465, 467, MENG 361

BS Systems Biology Specialization
- 3 of following courses:
  - BENG 404, 410, 411, 434, 435, 463, 463, 464, 465, 467, MENG 361

Senior Requirements

BS Bioimaging Specialization
- BENG 480 and Senior Project
  (BENG 474 or BENG 473 and 474)

BS Biomechanics & Mechano-biology Specialization
- Relevant course with DUS permission

BS Biomolecular Engineering Specialization
- Relevant course with DUS permission

BS Systems Biology Specialization
- Relevant course with DUS permission

Substitutions

BS Bioimaging Specialization
- Relevant course with DUS permission

BS Biomechanics & Mechano-biology Specialization
- Relevant course with DUS permission

BS Biomolecular Engineering Specialization
- Relevant course with DUS permission

BS Systems Biology Specialization
- Relevant course with DUS permission

Class of 2019 and prior

BS Bioimaging Specialization
- 12 term courses
- totaling at least 11 course credits beyond preqs

BS Biomechanics & Mechano-biology Specialization
- 3 of following courses:
  - BENG 404, 410, 411, 434, 435, 463, 463, 464, 465, 467, MENG 361

BS Biomolecular Engineering Specialization
- 3 of following courses:
  - BENG 404, 410, 411, 434, 435, 463, 463, 464, 465, 467, MENG 361

BS Systems Biology Specialization
- 3 of following courses:
  - BENG 404, 410, 411, 434, 435, 463, 463, 464, 465, 467, MENG 361

Senior Requirements

BS Bioimaging Specialization
- BENG 480 and Senior Project
  (BENG 474 or BENG 473 and 474)

BS Biomechanics & Mechano-biology Specialization
- Relevant course with DUS permission

BS Biomolecular Engineering Specialization
- Relevant course with DUS permission

BS Systems Biology Specialization
- Relevant course with DUS permission

Class of 2020 and beyond

BS Bioimaging Specialization
- 13 term courses
- totaling at least 11 course credits beyond preqs

BS Biomechanics & Mechano-biology Specialization
- 3 of following courses:
  - BENG 404, 410, 411, 434, 435, 463, 463, 464, 465, 467, MENG 361

BS Biomolecular Engineering Specialization
- 3 of following courses:
  - BENG 404, 410, 411, 434, 435, 463, 463, 464, 465, 467, MENG 361

BS Systems Biology Specialization
- 3 of following courses:
  - BENG 404, 410, 411, 434, 435, 463, 463, 464, 465, 467, MENG 361

Senior Requirements

BS Bioimaging Specialization
- BENG 480 and Senior Project
  (BENG 474 or BENG 473 and 474)

BS Biomechanics & Mechano-biology Specialization
- Relevant course with DUS permission

BS Biomolecular Engineering Specialization
- Relevant course with DUS permission

BS Systems Biology Specialization
- Relevant course with DUS permission