Class of 2022 and beyond

Biomedical Engineering

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

- 13 term courses (for at least 11 credits), beyond prereqs (incl senior req)
- BENG 249, 350, 351, 352, 353, 355L, 356L

Bioimaging
- 3 of following courses:
  - BENG 404, 406, 410, 444, 445, 475, 476, 485

Biomechanics and Mechanobiology
- 3 of following courses:
  - MENG 185, 361, BENG 404, 406, 410, 434, 453, 455, 456, 457, 458

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

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

- 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

Updated April 2021