

**Class of 2022 and beyond**

**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

**13 term courses**

(for at least 11 credits), beyond prereqs (incl senior req)

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

**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, 469, MENG 361

**Systems Biology**  
3 of following courses:  
BENG 404, 410, 411, 434, 435, 463, 464, 465, 467, 469, 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