

Approved BMEG technical electives
(revised 03/22/2013)

Technical electives in the Bachelor of Biomedical Engineering curriculum provide the students with an opportunity to pursue areas of particular interest. Because of the breadth of technical areas in which biomedical engineers work, the approved list of technical electives include upper-level courses across departments.

At least two courses must be selected from the College of Engineering:

Chemical Engineering: CHEG 325, 326, 400-699 (except 404, 595)

Civil and Environmental Eng: CIEG 301, 302, 305, 311, 331, 351, 400-699

Computer and Information Sciences: 181, 220, 260, 275, 280, 303, 304, 310, 320, 360, 361, 400-699

Computer Engineering: CPEG 202, 222, 400-699

Electrical Engineering: ELEG 306, 320, 400-699

Materials Science and Engineering: MSEG 400-699 (except 420, 425, 443)

Mechanical Eng: MEEG 300-699 (except 483)

Additional courses **may** be selected from other departments:

Biology: BISC 400-699

Chemistry: CHEM 400-699 (except 527)

Kinesiology and Applied Physiology: KAAP 220, 309, 428, 430

Mathematics: MATH 315, 352 or 353, 389, 400-699

Medical Laboratory Sciences: MEDT 360, 390, 401, 403, 406

Physics: PHYS 309, 310, 313, 400-699

Statistics: STAT 400-699

Thesis: UNIV 401, 402 (topic must be approved by academic advisor)

Additional upper-level and graduate-level courses may also be approved by the academic advisor. An independent study project approved by the academic advisor (3 credits) can also count as a technical elective.