Biomedical Engineering

BME 467  Intro to Biomedical Eng  3 cr
Survey of topics and current issues in the field of biomedical engineering. Topics include biomechanics, biomedical instrumentation, biomaterials engineering, biomedical imaging, cellular mechanics, tissue engineering, biomedical design and ethics. A portion of the course is devoted to basic biology concepts and principles. Students will review literature and discuss technical and technological developments relevant to biomedical engineering.
Pre-requisite: ME 328 Minimum Grade of C. ME 328 can be taken concurrently with this course.

BME 567  Principles of Biomedical Eng  3 cr
Survey of topics and current issues in the field of biomedical engineering. Topics may include biomechanics, biomedical instrumentation, biomaterials engineering, biomedical imaging, cellular mechanics, tissue engineering, biomedical design and ethics. A portion of the course is devoted to basic biology concepts and principles. Students will review literature and discuss technical and technological developments relevant to biomedical engineering.
Pre-requisite: MA 507 Minimum Grade of C. MA 507 can be taken concurrently with this course.