Biomedical Engineering Electives:

- BME/CH E 5243 Biochemical Engineering (S)
- BME 5233 Biomaterials (S) *not being taught Spring 2019
- BME/AME 5213 Biomechanics I (F)
- BME/AME 5970-004 Introduction to Medical Device Design (S)***
- BME 5413 Nanomedicine (S)
- BME/CH E 5373 Tissue Engineering (F)
- BME/AME/CH E 5293 Transport in Biological Systems (F)
- ECE 4823 Engineering Principles of the Human Body (S)
- ECE 5823 Bioinstrumentation (F) already in the pipeline
- ECE 5843 Medical Imaging Systems (S)
- ECE 6813 Advanced Topics in Biomedical Engineering (S)
- BME/ECE 5853 Biomedical Signals and Systems (S)
- ECE 5973 Medical Imaging Informatics (F)
- BME/ECE 6213 Optical Information Processing (S)

Life Science Courses:

- CHEM G3653 Introduction to Biochemistry (F)
- CHEM G5853 Principles of Biochemistry II (S)
- CHEM 5291 Seminar – Biochemistry (F, S)
- CHEM 5260 Special Topics in Biochemistry I or II***
- HES G5823 Exercise Physiology (F)
- HES G5833 Advanced Exercise Physiology Lab (S)
- HES G5863 Physiology of Aging (F)
- MBIO G4833 Basic Immunology (S)
- MBIO G5620 Investigations in Microbiology (F, S, SU)
- MBIO G5843 Introduction to Molecular Biology (F, S)
- MBIO G5971 Seminar in Microbiology (F, S)
- BIOL G3101 Principles of Physiology Lab (F, S)
- BIOL G3103 Principles of Physiology (F, S)
- BIOL G3333 Genetics (F, S)
- BIOL G3342 Genetics Lab (F)
- BIOL G4913 Quantitative Biology (F)
- BIOL G5364 Transmission Electron Microscopy (F)
- BIOL G5374 Scanning Electron Microscopy***

KEY:
(S): Spring
***: infrequently
(SU): Summer
(F): Fall
• MBIO 5620 Water Microbiology (F, S, SU)
• BIOL 5871 Current Topics in Neurobiology (F, S)
• BIOL 5893 Behavioral Neurobiology (F)
• PSY 3203 Cognitive Psychology (F, S, SU)
• PSY 4253 Perceptual and Cognitive Neuroscience***
• PSY 4920 Clinical Psychology (F, S, SU)

Courses in other engineering disciplines and outside of engineering will require a permission override from the course department. Contact the departmental program assistant for an override.