Minor in Biomedical Engineering

The minor in biomedical engineering provides students matriculating into bachelor’s degree programs in other colleges of the university, especially the sciences and the other engineering majors, with an introduction to the discipline of biomedical engineering. The minor in biomedical engineering consists of four required courses in biomedical engineering and three courses from the list below.

All courses must be taken at the University of Hartford and may not be taken on a Pass/No Pass basis.

Course Requirements for the Biomedical Engineering Minor

All of the following:
- BE 281 Biomedical Engineering Seminar I [1]
- BE 301 Biomechanics [3]
- BE 302 Biofluid Mechanics [3]
- BE 401 Biomaterials [3]

Any three of the following:
- ES 212 Mechanics of Materials [3]
- ES 320 Thermal-Fluids Engineering [4] or equivalent
- BIO 112 Anatomy and Physiology I [4]
- BIO 113 Anatomy and Physiology II [4]
- ECE 360 Circuits and Electronics [4]
- ME 213 Mechanical Engineering Materials and Lab [3] or equivalent
- ME 505 (ECE 505) Mechatronics System Design [3]
- PHY 250 Materials Science [3]

Or with permission:
- BE 480 Biomedical Engineering Practicum [3]
- BE 485 Biomedical Engineering Practicum [3]