

Minor in Biomedical Engineering

The curriculum consists of prerequisite courses, core courses, and elective courses. The total number of credit hours beyond the prerequisites is 17.

Prerequisites:

Phys 1022*, ApSc 2113* or equivalent courses

Core courses:

BME 3820 Principles and Practice of Biomedical Engineering

ECE 2110 Circuit Theory

ECE 2210 Circuits, Signals, and Systems

Two courses chosen from:

BME 4830 Introduction to Medical Imaging Methods

BME 4835* Introduction to Telemedicine

ECE 3225* Signal and Image Analysis

MAE 3128* Biomechanics I

MAE 4168 Introduction to Biomaterials

PHYS 2127 Biophysics: Macroscopic Physics in the Life Sciences

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* These courses require additional prerequisites.