

BME 301: Bioinstrumentation

Biomedical Engineering

Design and application of biomedical instrumentation. Topics include physiological measurements, biomedical measurements, electrodes, sensors, amplifiers, and imaging systems. Electrical safety in medical environments is also covered.

3 Credits

Prerequisites

- [Csci 251: Programming for Engineering and Sciences](#) (Minimum grade: C)
- [El E 331: Signals and Systems](#) (Minimum grade: C)
- Pre-Requisite: 24 Earned Hours

Instruction Type(s)

- Lecture: Lecture for BME 301

Course Fee(s)

Biomedical 1

- \$100.00

Subject Areas

- [Bioengineering and Biomedical Engineering](#)

