

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)
- <u>EI E 331: Signals and Systems</u> (Minimum grade: C)

Instruction Type(s)

• Lecture: Lecture for BME 301

Subject Areas

Bioengineering and Biomedical Engineering

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

