

## **BME 301: Bioinstrumentation ELECTRICAL 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

- Engr 360: Electric Circuit Theory (Minimum grade: C)
- Csci 251: Programming for Engineering and Sciences (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 guestions about the accreditation.

