

BME 413: Biomedical Signal Processing Biomedical Engineering

Introduction to the electrocardiogram, electroencephalogram, electromyogram, and other diagnostic signals. Analysis of biomedical systems using both timedomain and frequency-domain techniques. Computer techniques for processing and analysis of biomedical signals. Practical applications in cardiac and neurological signal processing.

3 Credits

Prerequisites

- Math 353: Elementary Differential Equations
- Pre-Requisite: 24 Earned Hours
- Csci 111 or Csci 251

Instruction Type(s)

Lecture: Lecture for BME 413

Subject Areas

- Electrical and Electronics Engineering
- 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.

