

# BME 444: Biomedical Systems and Controls Biomedical Engineering

Analysis and lumped physical biomedical systems; stability analysis; complex plane, root locus for electrical, fluid, and mechanical systems; linear system transients, steady-state behavior; introduction to biomedical feedback control.

### 3 Credits

### Prerequisites

- <u>Math 353: Elementary Differential Equations</u>
- Engr 360: Electric Circuit Theory

## Instruction Type(s)

• Lecture: Lecture for BME 444

#### 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.

