

BME 311: Biomechanics Biomedical Engineering

This course includes an introduction to functional and applied anatomy of the musculoskeletal system to create a better understanding of human movement as a mechanical system. A review of current analysis techniques in the field of biomechanics, including 2D and 3D kinematic motion capture and kinetic analysis, will be used to highlight clinical rehabilitation as well as orthopedic device design.

3 Credits

Prerequisites

- Bisc 162: Biological Sciences II
- Engr 309: Statics

Instruction Type(s)

• Lecture: Lecture for BMS 311

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.

