

# M E 422: Structural Design I Mechanical Engineering

Design of steel and concrete structural members according to ACI and AISC LRFD specifications; reinforced concrete and rolled steel sections subject to axial force, flexure, shear, torsion, and combined loading; fatigue and fracture; introduction to connections.

3 Credits

### Prerequisites

Pre-Requisite: 24 Earned Hours

## **One-way corequisites**

<u>M E 421: Structural Analysis</u>

### **Cross-listed Courses**

• <u>C E 412: Design of Concrete Structures</u>

### **Subject Areas**

- Mechanical Engineering
- Civil Engineering, General

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.

