THE UNIVERSITY of **MISSISSIPPI**

Engr 648: Numerical Modeling in Geoscience & Engr

SCHOOL OF ENGINEERING

Numerical methods in geomechanics, including processes in groundwater, soil and rock mechanics. Solutions of ordinary and partial differential equations will be approximated, emphasizing finite-difference methods. Introduction to finite element methods and boundary element methods.
3 Credits

Instruction Type(s)

- Lecture: Lecture for Engr 648

Subject Areas

- Engineering Science
- Geological/Geophysical Engineering