

## G E 413: Prob. & Stat. Analyses in Eng. Design GEOLOGY & GEOLOGICAL ENGINEERING

Introduction to probability, statistics, uncertainty, and reliability. Application of common continuous and discrete probability distributions. Design under uncertainty and elementary decision analysis. Simulation of random variables. Applications in natural and man-made materials, hydrologic and geological conditions and other natural processes, and engineering design.

3 Credits

## Prerequisites

- Math 262: Unified Calculus & Analytic Geometry II (Minimum grade: C)
- Pre-Requisite: 24 Earned Hours

## Instruction Type(s)

Lecture: Lecture for G E 413

## **Subject Areas**

- <u>Geological/Geophysical Engineering</u>
- Geological Engineering
- Geology/Earth Science, 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.

