THE UNIVERSITY of
MISSISSIPPI

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

- Geological/Geophysical Engineering