THE UNIVERSITY of **MISSISSIPPI**

Math 776: Advanced Mathematical Statistics II
MATHEMATICS

This course is a continuation of Math 675. Topics include one-way and multi-way analysis of variance, balanced and unbalanced designs with fixed effects, random effects and mixed effects, model diagnostics, nested designs, repeated measures designs, fractional designs, Latin squares. As software, SAS or R will be used to apply these methods with real data.
3 Credits

Prerequisites

- Math 576: Mathematical Statistics II (Minimum grade: C)

Instruction Type(s)

- Lecture: Lecture for Math 776

Subject Areas

- Mathematics, General
- Mathematical Statistics and Probability