

Math 775: Statistical Methods I

Math 675 and 676 cover linear statistical models for regression, analysis of variance and experimental design. Topics in this course include simple and multiple linear regressions, model diagnostics, model selection and validation, generalized linear models, nonlinear regression, neural networks. As software, SAS and R will be used to apply these methods with real data.

3 Credits

Prerequisites

Instructor Approval Required

Instruction Type(s) • Lecture: Lecture for Math 775

Subject Areas

- Mathematics, General
- Mathematical Statistics and Probability

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.

