

Math 380: Statistical Computing and Data Analysis

This course is an introduction to statistical computing and data analysis in R or SAS. Topics include basic programming, simulation and bootstrap sampling, exploratory data analysis, statistical graphics, simple linear and multiple linear regression modeling, logistic regression and classification, linear discriminant analysis and clustering. Real data applications are emphasized in this course.

3 Credits Prerequisites

• Math 375: Introduction to Statistics I (Minimum grade: C)

Instruction Type(s)

• Lecture: Lecture for Math 380

Subject Areas

• Statistics, General

Related Areas

<u>Mathematical Statistics and Probability</u>

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 guestions about the accreditation.

