COURSE AND CONTACT INFORMATION
• Course: STAT-6210 / Data Analysis
• Semester: Spring, 2011
• Time: Wednesday, 6:10-8:40PM
• Location: Phillips Hall / Room 306

INSTRUCTOR
• Name: Dr. Joshua Landon
• Campus Address: 2140 Pennsylvania Avenue, N.W. / Room B01
• Phone: 202-994-7514
• E-mail: jlandon@gwu.edu
• Office hours: Tuesdays and Thursdays, 2:00-3:00PM, or by appointment

COURSE DESCRIPTION
This course will review statistical principles of data analysis using computerized statistical analysis procedures provided by the Statistical Analysis System (SAS). Topics include: linear and multiple regression, analysis of contingency tables and categorical data, logistic regression, generalized linear models and other traditional statistical methods.

COURSE PREREQUISITES
• STAT-2118 or equivalent
• STAT-4157/6201 or equivalent
• STAT-2183 or equivalent, or proficiency in SAS

TEXTS
• Required: None
• Recommended
• Additional course material will be provided by the instructor

LEARNING OUTCOMES
As a result of completing this course, students will be able to:
• Explore different types of data
• Perform statistical analysis
• Report analysis results

GRADING
• Homework (weekly, take home): 50%, work independently
• Quizzes (3, in class): 30%, work independently
• Final exam/presentation/project: 20%, work independently