COURSE AND CONTACT INFORMATION

- Course: STAT-6210 / Data Analysis
- Semester: Fall 2016
- Time: Wednesday, 6:10AM-8:40PM
- Location: Smith Hall / Room 120

INSTRUCTOR

- Name: Yinglei Lai, Ph.D.
- Campus Address: Rome Hall (801 22nd Street) / Room 762
- Phone: 202-994-6664
- E-mail: ylai@gwu.edu
- Office hours: Wednesday, before class (3-5pm), 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-4197 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, you will be able to:

- Explore different types of data
- Perform statistical analysis
- Report analysis results

(at a fundamental level. More course work studies and/or practical experience of advanced network data, graphics and analysis are needed for more sophisticated tasks.)

GRADING

- Homework: 30%
- Quizzes: 35%
- Final exam/presentation/project (to be announced): 35%

The Blackboard website (http://blackboard.gwu.edu) will be used for this course.
NOTE: In accordance with university policy, the final exam will be given during the final exam period and not the last week of the semester

CLASS POLICIES

- Regular class attendance
- No early or make-up homework, quiz, exam, presentation or project
  - Except under highly extraordinary circumstances, in which a written request and related documentation must be submitted as early as possible

UNIVERSITY POLICIES

UNIVERSITY POLICY ON RELIGIOUS HOLIDAYS
1. Students should notify faculty during the first week of the semester of their intention to be absent from class on their day(s) of religious observance.
2. Faculty should extend to these students the courtesy of absence without penalty on such occasions, including permission to make up examinations.
3. Faculty who intend to observe a religious holiday should arrange at the beginning of the semester to reschedule missed classes or to make other provisions for their course-related activities

SUPPORT FOR STUDENTS OUTSIDE THE CLASSROOM

Disability Support Services (DSS)
Any student who may need an accommodation based on the potential impact of a disability should contact the Disability Support Services office at 202-994-8250 in the Rome Hall, Suite 102, to establish eligibility and to coordinate reasonable accommodations. For additional information please refer to: gwired.gwu.edu/dss/

Mental Health Services 202-994-5300
The University's Mental Health Services offers 24/7 assistance and referral to address students' personal, social, career, and study skills problems. Services for students include: crisis and emergency mental health consultations confidential assessment, counseling services (individual and small group), and referrals. counselingcenter.gwu.edu/

ACADEMIC INTEGRITY CODE
Academic dishonesty is defined as cheating of any kind, including misrepresenting one's own work, taking credit for the work of others without crediting them and without appropriate authorization, and the fabrication of information. For the remainder of the code, see: studentconduct.gwu.edu/code-academic-integrity