### COURSE STATISTICS

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#### Requirements
- Final Project (15%), Midterm I (20%), Midterm II (20%), Problem sets (20%), Final (25%).

#### Instructor
- One third of students polled commend Dr. Clyde H. Schoofield, Jr.'s clear lectures. One sixth compliment their organization, while just over one fourth appreciate his sense of humor.

#### Sections
- A large minority of respondents find sections helpful. Just over one fifth lament their section leaders' lack of preparation.

#### Reading
- Several students surveyed find readings helpful in understanding the material.

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**Statistics 111**

*Introduction to Theoretical Statistics*

**Steve C. Wang**

**Half Course** To be given Spring Term

**Official Course Description:** Statistics 111 examines the basic concepts of statistical inference from frequentist and Bayesian perspectives. Topics include maximum likelihood methods, confidence and Bayes interval estimation, hypothesis testing, least squares methods, and analysis of variance.
Reading: One fourth of surveyed students complain that the book is not helpful. An equal number gripe that it is poorly-integrated. Just over one fifth state that it is poor.

Requirements: Just over one third of pollies note that written assignments are appropriate to the course, and an equal number comment that they are helpful.

Several appreciate their prompt return. One sixth, however, wish that solution sets were available.

Preparation: Five sixths of respondents believe that Statistics 110 is appropriate preparation for this course.

+ Enrollment in Statistics 111 is advocated by just over three fifths of respondents. Just over one fifth praise the quality of the teaching. An equal number, however, give the course a conditional recommendation.

Statistics 139.

Regression Analysis

Half Course

Official Course Description: Statistics 139 introduces the linear models and associated computational and statistical inference techniques that use empirical data to predict “response” variables from a variety of “independent” variables such as “background” or experimentally “controlled” variables. The course examines sketches of a range of extensions to the basic theory, including hierarchical models with random effects, nonlinear regression models, models for count data, and models for phenomena tracked through time.

Steve C. Wang

Instructor: Just under one third of respondents rate Dr. Steve C. Wang excellent.

An equal number note that his lectures are interesting, and a few laud their clarity. One sixth find the audio-visual portion of lectures particularly engaging.

This year, Professor Arthur P. Dempster assumes teaching responsibilities for this course.

Sections: Just over one third of those polled find sections useful. One sixth, however, complain that they are not helpful.

Requirements: Project (10%), Final (30%), Homework (30%), Two midterms (30%).