COURSE STATISTICS *Total response: 37* *Undergrad enrollment: 39* *Response Rate: 94.9%*

	MEAN		# RESPONSES						
	course	Spr. Nat.Sci.	1	2	3	4	5	NA	total
Course overall:	4.4	3.9	0	0	3	13	16	0	32
Instructor:									
Wang	4.9	4.1	0	0	0	5	32	0	37
Reading:	2.6	3.7	4	14	10	5	2	2	37
Handouts:	3.8	3.9	0	1	8	20	4	4	37
Audio/visual aids:	4.6	3.9	1	0	1	9	25	0	36
Website:	2.7	3.2	6	8	12	4	3	1	34
Workload:	2.3	2.7	5	21	9	0	2	0	37
Difficulty:	3.4	3.5	0	4	17	15	1	0	37
Competition:	3.3	2.4	3	4	12	14	4	0	37
Pace:	3.0	2.9	0	5	27	4	1	0	37
Course engaging:	3.8	3.8	0	3	10	14	10	0	37
Assignments:									
Relevance:	4.3	4.1	0	0	3	21	13	0	37
Helped for exams:	4.4	3.8	0	0	3	17	17	0	37

Year:

First-year:	2
Sophomore:	14
Junior:	8
Senior:	5
Other:	8

Primary Reason for Enrolling:

Elective:	3
Concentration:	15
Elective in Concentration:	18

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

Reading: Rice, *Mathematical Statistics and Data Analysis*, 2nd ed.

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.

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 pollees 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. Steve C. Wang
Regression Analysis

Half Course To be given Fall Term

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 counted data, and models for phenomena tracked through time.

COURSE STATISTICS *Total response: 24* *Undergrad enrollment: 10* *Response Rate: 240.0%*

	MEAN		# RESPONSES						
	course	Fall Nat.Sci.	1	2	3	4	5	NA	total
Course overall:	4.3	4.1	0	1	2	6	9	0	18
Instructor:									
Wang	4.5	4.2	0	2	2	2	18	0	24
Reading:	2.5	3.7	3	6	3	2	1	9	24
Handouts:	3.8	4.0	0	2	7	9	6	0	24
Audio/visual aids:	4.5	3.9	0	1	1	6	16	0	24
Website:	3.6	3.3	0	3	7	11	3	0	24
Workload:	1.9	2.7	9	9	5	1	0	0	24
Difficulty:	2.2	3.5	7	9	6	1	1	0	24
Competition:	2.4	2.6	6	6	4	4	1	1	22
Pace:	3.5	2.9	0	1	13	8	2	0	24
Course engaging:	3.4	3.9	0	3	10	9	2	0	24
Assignments:									
Relevance:	4.1	4.1	0	1	4	10	9	0	24
Helped for exams:	3.5	3.8	1	1	6	5	3	6	22

Year:

First-year:	1
Sophomore:	2
Junior:	3
Senior:	2
Other:	16

Primary Reason for Enrolling:

Elective:	10
Concentration:	5
Elective in Concentration:	4

Requirements: Class presentations (8%), Final (12%), Midterm (12%), Final project (18%), Homework (50%).

Reading: Hamilton, *Regression with Graphics.*

Instructor: One third of respondents laud Dr. **Steve C. Wang**'s excellent lectures. A handful marvel at their clarity.

Requirements: A small number of students surveyed consider the assignments appropriate. One fourth find them helpful for understanding the course material. A large minority appreciate that assignments are returned promptly.

Preparation: Several polled students suggest an introductory statistics course as preparation.

• One third of respondents heartily endorse **Statistics 139.**

Statistics 149.
Generalized Linear Models

John Barnard

Half Course — To be given Spring Term

Official Course Description: Statistics 149 is an introduction to the application and theory of generalized linear models. Emphasis is placed on understanding models and applying them to data. Topics include: (1) likelihood theory, (2) exponential families, (3) model specification, (4) model checking and diagnostics, (5) logistic and ordinal regression, (6) log-linear models and (7) quasi-likelihood. Applications are drawn from a variety of fields, including medicine, biology and the social sciences.

COURSE STATISTICS *Total response: 13* *Undergrad enrollment: 4* *Response Rate: 325.0%*

	MEAN		# RESPONSES						
	course	Spr. Nat.Sci.	1	2	3	4	5	NA	total
Course overall:	3.9	3.9	0	1	1	8	2	0	12
Instructor:									
Barnard	3.9	4.1	0	1	2	7	3	0	13
Reading:	3.5	3.7	1	2	1	8	1	0	13
Handouts:	4.1	3.9	0	1	0	6	3	3	13
Audio/visual aids:	4.1	3.9	0	0	2	6	3	2	13
Website:	3.7	3.2	1	0	4	5	3	0	13
Workload:	2.5	2.7	2	5	3	3	0	0	13
Difficulty:	3.2	3.5	0	2	7	4	0	0	13
Competition:	2.7	2.4	2	2	6	2	0	0	12
Pace:	2.9	2.9	1	1	10	1	0	0	13
Course engaging:	3.8	3.8	0	1	3	7	2	0	13
Assignments:									
Relevance:	4.1	4.1	0	1	1	6	4	0	12

Year:

First-year:	0
Sophomore:	0
Junior:	2
Senior:	2
Other:	9

Primary Reason for Enrolling:

Elective:	0
Concentration:	5
Elective in Concentration:	7