Statistics 101. — Steve C. Wang

Introduction to Quantitative Methods

Half Course — To be given Fall Term

Official Course Description: Statistics 101 introduces the key ideas underlying statistical and quantitative reasoning, including fundamentals of probability. Topics include elements of sample surveys, experimental design and observational studies, descriptive and summary statistics for both measured and counted variables, and statistical inference including estimation and tests of hypotheses. The course emphasizes the analysis of variance, applied in experimental fields such as psychology and other behavioral sciences.

COURSE STATISTICS *Total response: 93* *Undergrad enrollment: 153* *Response Rate: 60.8%*

	MEAN		# RESPONSES						
	course	Fall Nat.Sci.	1	2	3	4	5	NA	total
Course overall:	4.3	4.1	0	1	9	26	34	0	70
Instructor:									
Wang	4.8	4.2	0	0	2	15	75	0	92
Reading:	3.3	3.7	7	16	23	33	13	0	92
Handouts:	4.7	4.0	0	0	5	18	69	0	92
Audio/visual aids:	4.5	3.9	0	1	7	29	53	0	90
Website:	2.3	3.3	21	20	24	6	1	17	89
Workload:	1.6	2.7	43	43	3	1	0	0	90
Difficulty:	2.5	3.5	7	36	42	6	1	0	92
Competition:	2.1	2.6	33	27	23	6	1	2	92
Pace:	3.1	2.9	3	6	67	13	3	0	92
Course engaging:	3.4	3.9	2	12	33	32	11	0	90
Assignments:									
Relevance:	4.5	4.1	0	1	3	39	50	0	93
Helped for exams:	4.5	3.8	1	0	4	30	56	1	92

Year:		**Primary Reason for Enrolling:**	
First-year:	5	Elective:	2
Sophomore:	62	Concentration:	79
Junior:	16	Elective in Concentration:	1
Senior:	1	Core:	5
Other:	9		

Requirements: Participation (2%), Homework (15%), Project (15%), Final (34%), Two midterms (34%).

Reading: Moore, *Introduction to the Practice of Statistics*, 3rd ed.; Velleman, *ActivStats* CD-ROM, 1999-2000 ed.

Instructor: A large minority of polled students praise the high quality of Dr. **Steve C. Wang**'s teaching. A considerable number find his lectures interesting. Several applaud their clarity. Just under one fifth call him an entertaining lecturer, and an equal number note his enthusiasm for the subject. One fifth appreciate his good attitude toward students.

Sections: A handful of those polled believe that sections increase their understanding of the course material.

Reading: A large minority of respondents characterize the course readings as helpful. However, one fourth feel that they are not an essential part of the course.

Requirements: One fourth of pollees consider problem sets appropriate. Just under one half write that they are helpful. Several appreciate the prompt return of assignments.

Preparation: Just over one half of those responding assert that no background is necessary.

• Just under two thirds of responding students advocate enrollment in **Statistics 101**, with a handful citing the superb instruction as a reason to enroll. Just over one fifth assert that the course is a great way to fulfill a requirement. One third remark that Dr. Wang's teaching is a course highlight.

Note: This write-up is based on a response rate of less than 70%.

Statistics 102. — Bernard Rosner

Fundamentals of Biostatistics

Half Course — To be given Spring Term

Official Course Description: Statistics 102 introduces statistical methods used in biological and medical research. Topics include elementary probability theory, basic concepts of statistical inference, sampling theory, regression and correlation methods, analysis of variance, and study design. The course emphasizes application to medical problems.