

**Social Studies 201**  
**Statistics for the Social Sciences**  
**Winter 2005**

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Office hours: Monday and Wednesday, 10:00-11:00 a.m. or by appointment  
Class hours: Monday, Wednesday, Friday, 8:30 - 9:20 a.m., CL232  
Labs: Tuesday, 8:30 - 9:45 a.m., 10:00 - 11:15 a.m., CL109

**Texts**

- Paul Gingrich, *Introductory Statistics for the Social Sciences*, Parts 1 and 2
- Handouts to be provided in class

**Grading**

Problem sets	40%
First midterm exam – February 2	15%
Second midterm exam – March 16	15%
Final exam – April 18	30%
Total	100%

All examinations are open book.

**Accommodation and University Policies.** See attached sheet “Faculty of Arts Academic Announcements Winter 2005.”

**Prerequisite:** Any 100-level course in the social sciences. Students may not receive credit for both Social Studies 201 and Statistics 151. Social Studies 201 is a prerequisite for some courses in departments other than Sociology and Social Studies. Students doing double majors should be sure to take Social Studies 201 in sequence in order to receive credit for it.

**Calculator.** Each student should have a calculator with the ordinary arithmetic functions and a square root button. A calculator having one or more memories will prove useful for some statistical problems, but the memories are not essential.

**Computer.** This semester we will be using a statistical program called SPSS. You will learn how to work with this program in the Tuesday labs that meet in CL109. Several computer based problems will be assigned during the semester. The grade for these will be included as part of the 40% of the grade for the problem sets.

**Course Outline.** Approximate dates associated with each section. The chapter numbers in this outline refer to the chapters in *Introductory Statistics for the Social Sciences*.

<b>Week of:</b>	<b>Topic:</b>	<b>Chapter:</b>
January 7	Introduction	Ch. 1
January 10	Data production and measurement	Ch. 2-3
January 17	Frequency distributions	Ch. 4
January 24	Measures of central tendency	Ch. 5
January 31	Measures of variation	Ch. 5

**First Midterm — February 2**

February 7	Measures of Variation	Ch. 5
February 14	Probability	Ch. 6
February 21	Mid-term break	
February 28	Normal and sampling distributions	Ch. 7
March 7	Estimation	Ch. 8
March 14	Estimation and Sample Size	Ch. 8

**Second Midterm — March 16**

March 21	Hypothesis Tests	Ch. 9
March 28	Hypothesis Tests	Ch. 9
April 4	Chi Square Tests	Ch. 10
April 11	Review	

**Final examination** – April 18, 9:00 a.m. to 12:00 noon