17.801 Spring 2001 Revised schedule

## Overall structure of subject

	Mon.	Tue.		Wed.	Thu.		Fri.
Feb.		Introduction	6		•Designing research (I) •Measurement (I) •Hand out group projects	8	
		•Designing research (II) •Measurement (II) •Review group projects	1 3		Using STATA	1 5	
		Monday classes	2 0		Descriptive statistics	2 2	
		Correlation and bivariate regression	2 7		Multiple regression I	1	
Mar.		Multiple regression II	6		Presentation of group projects	8	
		Meet individually to talk about individual projects	1 3		Meet individually to talk about individual projects	1 5	
		Statistical inference I	2 0		Statistical inference II	2 2	
		Spring break	2 7		Spring break	2 9	
Apr.		•Wrap-up •Pep talk	3		Individual presentations I	5	
		Individual presentations	1 0		Individual presentations I	1 2	
		Patriots Day	1 7		Individual presentations I	1 9	
		Workshop	2 4		Workshop	2 6	
Мау		Workshop	1		Workshop	3	
		Individual presentations	8		Individual presentations II	1 0	
		Individual presentations	1 5		Individual presentations II	1 7	

## Assignments

Торіс	Date(s)	Assigned readings	Notes
Introduction: Approaches to political analysis	Feb. 6	None	In addition to reviewing the assignments for the subject, I will provide an overview to political analysis.
Designing research & measurements	Feb. 8 & 13	Tufte, <i>Data analysis for politics and policy,</i> chap. 1 Freedman, et al., <i>Statistics</i> , chaps. 1, 2, 6	Hand out group projects
Introduction to STATA	Feb. 15	Hamilton, <i>Statistics with STATA 5</i> , chaps. 1–2 Handouts: "How to use the <i>STATA</i> infile and infix commands" and "How to use <i>STATA</i> "do" files."	Do the readings before class. I will do some lecturing, but I will also take advantage of the in-class workstations and do some hands- on exercises, too. Hand out problem set 1
Descriptive univariate statistics	Feb. 22	Freedman, et al, <i>Statistics</i> , chaps. 3, 4 Hamilton, <i>Statistics with STATA 5</i> , pp. 60-85, 94-98, 103-113	
Correlation and bivariate regression	Feb. 27	Tufte, Data analysis for politics and policy, chaps. 3, 4	Collect problem set 1 Hand out problem set 2
Multiple regression I	Mar. 1	Freedman, et al, <i>Statistics</i> , Chaps. 8–12 Hamilton, <i>Statistics with STATA 5</i> pp.	
Multiple regression II	Mar. 6	114–122, 129–137, 141–145, 147–154	Collect problem set 2 Hand out problem set 3
Presentation of group projects	Mar. 8		Each group will have 15 minutes to make presentations
Meet individually to talk about individual projects	Mar. 13 & Mar. 15		I will meet individually with you to discuss your final project. Sign-up beforehand for 15-minute slots.
Sampling and inference I Mar. 20 Sampling and inference II Mar. 22		Freedman, et al., <i>Statistics</i> , 17, 18, 20, 21, 23, 24, 26, 27, 29	Collect problem set 3 Hand out problem set 4
		Hamilton, Statistics with STATA 5, pp. 114–122 Hamilton, <i>Regression with graphics,</i> pp. 42–49, 77–81	
Wrap-up & Pep talk	Apr. 3		I will fill in any holes that are left and go over the assignment for the rest of the term
Preliminary presentations	Apr. 5, 10, 12, 19		Collect problem set 4 on Apr. 5 (Presenters on the 5th have until the 10th)
Informal work sessions	Apr. 24, 26, May 1, 3		These sessions are for you to come and seek help or talk about your project.

Торіс	Date(s)	Assigned readings	Notes
Final presentations	May 8, 10, 15, 17		Write-ups due May 17 @ 5pm, in my office.