

**Statistical Methods II**  
**STAT 211**  
**Winter 2008**

**Tentative Course Schedule (subject to change):**

Date	Topic	Reading		Homework
		Required (M & N)	Supplementary (Agresti)	
Tues, 08 Jan	Introduction/Generalized regression	Notes/Ch. 1		HW1 - out
Thur, 10 Jan	Ex: Linear regression (OLS theory)	§3.1-3.3, 3.6		
Tues, 15 Jan	Ex: Linear regression (covariate adjst)	Notes		HW1 – in
Thur, 17 Jan	Linear regression (heteroscedasticity)	Notes		HW2 – out
Tues, 22 Jan	Asymptotics and likelihood theory	Notes/Apx. A		
Thur, 24 Jan	Inference in regression models	Notes		HW2 – in HW3 – out
Tues, 29 Jan	Generalized linear models	§2.1-2.4	Ch. 4	
Thur, 31 Jan	Fitting GLMs	§2.5/Notes	Ch. 4	HW3 – in HW4 – out
Tues, 05 Feb	GLMs for binary data	Ch. 4	§5.1-5.3, 5.5, Ch. 6	
Thur, 07 Feb	GLMs for binary data	Ch. 4	§5.1-5.3, 5.5, Ch. 6	HW4 – in HW5 – out
Tues, 12 Feb	GLMs for binary data (diagnostics)	Ch. 12	§5.1-5.3, 5.5, Ch. 6	
Thur, 14 Feb	GLMs for count data	Ch. 6	Ch. 8	HW5 – in
Tues, 19 Feb	Midterm (In-class)			HW6 – out
Thur, 21 Feb	GLMs for count data	Ch. 6	Ch. 8	
Tues, 26 Feb	Overdispersion in GLMs	§4.5/Notes	§4.3	HW6 – in HW7 – out
Thur, 28 Feb	Ordered response models	Ch. 5	Ch. 7	
Tues, 04 Mar	Multinomial logistic models	Ch. 5	Ch. 7	HW7 – in HW8 – out
Thur, 06 Mar	Alternative estimation of SEs	Notes		
Tues, 11 Mar	Quasi-likelihood	§9.1-9.3		HW8 – in
Thur, 13 Mar	Notes on correlated data	Notes		Final – out
Thur, 20 Mar	Scheduled Final Exam (Final will be officially due on Thursday, 20 March at 3:30pm)			