

COURSE SCHEDULE

N	Date	Topic	Section
1	W, Aug. 28	Introduction, conducting clinical trials	1.1-1.4, notes
2	W, Sep. 4	Determination of trial length	2.1
3	W, Sep. 11	Interim data monitoring	2.2
4	W, Sep. 18	Interim data monitoring	2.2
5	W, Sep. 25	Randomization of group assignments, review for first midterm exam	2.3
	W, Oct. 2	Homework 1 due, first midterm exam	
6	W, Oct. 9	Kaplan-Meier survival curve, log-rank test	3.1-3.4
7	W, Oct. 16	Actuarial estimator of survival function,	3.5
		parametric estimation of survival function	3.6
8	W, Oct. 23	Regression model for survival time distribution,	3.7
		Cox proportional hazards model	3.8
9	W, Oct. 30	Cox proportional hazards model, review for second midterm exam	3.8
	W, Nov. 6	Homework 2 due, second midterm exam	
10	W, Nov. 13	Longitudinal data analysis, graphical presentation,	4.1, 4.2
		random intercept model, random slope and intercept model	4.3, 4.4
11	W, Nov. 20	Model with spatial power covariance structure for error,	4.5
		random intercept logistic regression model	4.6
	W, Nov. 27	Thanksgiving Break – No Class	
12	W, Dec. 4	Handling missing observations	4.7
		PowerPoint presentations, Session I	
	W, Dec 11	PowerPoint presentations, Session II, homework 3 is due, review for final examination	

The final examination will be on Wednesday, December 18, 5-7 PM, in LA5-353.