

Dates	Class topic	Assignments due
	Motivation and review	
1/31/17	Class overview	
2/2/17	Statistics review	
	Module 1: Association studies	
2/7/17	Introduction to association studies	Journal: 2/6 8:00PM
2/9/17	Statistical methods for association studies and simulation experiments	Journal: 2/12 11:59PM
2/14/17		
2/16/17	Literature discussion: debate	Simulation activities: 2/19 11:59PM
2/21/17	Literature discussion: in-class review	
2/23/17	Literature discussion: in-class review	Journal: 3/5 11:59PM
	Module 2: Causal Inference	
2/28/17	Fundamental ideas in causal inference, randomized trials, and interrupted time-series/regression discontinuity designs	
3/2/17	Papers: randomized trials and interrupted time series	
3/7/17	Matching methods and instrumental variables	
3/9/17	Papers: matching methods and instrumental variables	Journal: 3/12 11:59PM
	Review	
3/14/17	No class	
3/16/17	Review: modules 1 and 2	Final project milestone 1: 3/19 11:59PM
Spring Break: 3/20/17-3/26/17		
	Module 3: Survey Analysis	
3/28/17		
3/30/17		
4/4/17		
4/6/17		Journal: 4/9 11:59PM Final project milestone 2: 4/9 11:59PM
	Module 4: Survival Analysis	
4/11/17		
4/13/17		
4/18/17		
4/20/17		Journal: 4/23 11:59PM Final project milestone 3: 4/23 11:59PM
	Review	
4/25/17	Review day 1	
4/27/17	Review day 2	
	Final presentations	
5/2/17	Presentations: day 1	
5/4/17	Presentations: day 2	
Final project paper due Wednesday, 5/17 5PM		