			analytics and Frontier Methods for Applied		Delian Hall 121
	Tuesdays and Th			1:00 - 2:20pm	Baker Hall 121
Neek#	Tuesday	Thursday	Topics	Final Project	Assessments
1	January 14	January 16	Course Introduction		
	Class 1	Class 2	R Basics		
	Lecture	Lecture			
2	January 21	January 23	Version Control with GitHub		
	Class 3	Class 4	R Markdown		
	Lecture	Lecture	- · · · · · · · · · · · · · · · · · · ·		
3	January 28	January 30	Data Wrangling		Assignment 1 Du
	Class 5	Class 6	Joining Data		Friday, January
	Lecture	Lecture	D . T		
4	February 4	February 6	Data Tidying with tidyr		
	Class 7	Class 8	Data Cleaning		
	Lecture	Lecture			
5	February 11	February 13			Assignment 2 Du
	Class 9	No Class	Data Cleaning, Continued		Friday, February
	Lecture				
6	February 18	February 20			
	Class 10	Class 11	Data Visualization		
	Lecture	Lecture			
7	February 25	February 27	Data Acquisition	Prospectus Due Friday, February	Assignment 3 Du
	Class 12	Class 13	Scraping Static Websites	28	Friday, February
	Lecture: Review	Lecture	Scraping Dynamic Websites		
8	March 4	March 6			
	No Class - Spring Break	No Class - Spring Break			
9	March 11	March 13	Data Acquisition through APIs		
	Class 14	Class 15	Intro to Programming		
	Lecture	Lecture	Iteration		
10					
	March 18	March 20	Function Writing		Assignment 4 Du
	Class 16	Class 17	Vectorization and Paralellization		Friday, March 2
	Lecture	Lecture	Intro to Regression		
11	March 25	March 27	Fast Fixed Effects and IV Regression		
	Class 18	Class 19	Tables and Figures from Regression Output		
	Lecture	Lecture	Causal Inference Methods in R		
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	April 1	April 3 Class 21	Synthetic Control Methods in R		Assignment 5 Du
	Class 20 Lecture	Lecture	Introduction to Spatial Data Vector Data in R		Friday, April 4
13	April 8	April 10	Raster Data in R		
	Class 22	Class 23	Joining Raster and Vector Data		
	Lecture	Lecture	Spatial Regression Methods		
14	April 15	April 17	Intro to Machine Learning and Classification		
	Class 24	Class 25	Model Selection and Regularization	Replication Package Due Sunday,	
	Lecture	Lecture	Regression Trees and Forest-Based Methods	April 20	
	LCCIUIC	LCCIUIE	Megression frees and rolest-based methods		
15	April 22	April 24	Machine Learning for		Assignment 6 Du
	Class 26	Class 27	Causal Treatment Effects		Friday, April 27
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	Lecture	Lecture			