

The following is a tentative schedule for the course subject to change. **Please adhere to the due dates provided in Canvas as Canvas supersedes this schedule.**

Date	Topics	Assignments
1/6/2020	1.1: Intro to Linear Regression	
1/8/2020	1.2: Review of Hypothesis Testing	
1/10/2020	1.3: SAS Crash Course	Hypothesis Testing Quiz
1/13/2020	1.4: Data Exploration	
1/15/2020	1.5: Mathematical Writing	
1/17/2020	2.1: Simple Linear Regression	HW 1/SAS Virtual Learning/Getting to Know You
1/20/2020	No Class (MLK Jr. Day)	
1/22/2020	2.2: Diagnostics and Remedial Measures	
1/24/2020	(Review)	
1/27/2020	2.3: Simple Inference	
1/29/2020	2.4: Simultaneous Inference:	
1/31/2020	(Review)	HW 2
2/3/2020	2.5: Multiple Linear Regression	
2/5/2020	2.6: Multiple Inference	Quiz 1
2/7/2020	(Review)	Intro to Scientific Writing
2/10/2020	3.1: Alternate Variable Types	
2/12/2020	3.2: Variable Selection	
2/14/2020	(Review)	Project 1 Paper - 1st Draft/HW 3
2/17/2020	No Class (President's Day)	
2/19/2020	3.3: Model Influence	Quiz 2
2/21/2020	(Review)	Final Project Groups
2/24/2020	Group Work Primer/Model Interpretability	Mythos of Model Interpretability*
2/26/2020	4.1: Penalized Regression	
2/28/2020	(Review)	Project 1 Paper - Final Draft/Mid-Semester Eval
3/2/2020	<i>No Class (Spring Break)</i>	
3/4/2020	<i>No Class (Spring Break)</i>	
3/6/3030	<i>No Class (Spring Break)</i>	
3/9/2020	D.2 Group Work Primer (make up)	
3/11/2020	4.2 Other OLS Variations - Part 1	
3/13/2020	No Class - Final Project Preparation	HW 4/Project 2 Papers - First Draft
3/16/2020	No Class - Final Project Preparation	
3/18/2020	4.2. Other OLS Variations - Part 2	Quiz 3
3/20/2020	4.3: Model Validation	Final Project Proposals
3/23/2020	4.4: Non Parametric Regression - Part 1	Project 2 Peer Review
3/25/2020	4.4: Non Parametric Regression - Part 2	
3/27/2020	No Class - Final Project Preparation	HW 5
3/30/2020	5.1: Logistic Regression - Part 1	Project 2 Papers - Final Draft
4/1/2020	5.1: Logistic Regression - Part 2	Quiz 4
	5.2 Multi-Class Logistic Regression	
4/3/2020	5.3: Logistic Regression Case Study	
4/6/2020	No Class - Final Project Preparation	Final Project Paper Update
4/8/2020	No Class - Final Project Preparation	
4/10/2020	6.1: Time Series - Part 1	HW 6
4/13/2020	6.1: Time Series - Part 2	
4/15/2020	6.1.2: Time Series Case Study	Quiz 5
4/17/2020	7.1: Quantile Regression - Part 1 (Principal Components Regression)	Final Project Papers - First Draft
4/20/2020	7.1: Quantile Regression - Part 2	
4/22/2020	No Class (Interim Day)	Quiz 6 (Optional)
4/24/2020	Final Time Slot (will not be used)	HW 7
4/27/2020	Monday of Finals Week	Review Response/Final Project Papers - Final Draft

* - Due *before* class instead of at 11:59pm.

** - Final Exam Time: 1:30-3:20pm