

Stat 430 Spring 2022 Section 0301 University of Maryland, College Park*The following course schedule is tentative, subject to change as necessary*

Date(s)	Section	Topics and Textbook References. Homework always includes reading the appropriate sections!
M, 24 Jan	Topic 1	Introduction to SAS (430 text chapter 1)
W, 26 Jan	Topic 2	Introduction to Programming in SAS
F, 28 Jan	Topic 3	Inputting Data
M, 31 Jan	Topic 4	Generating Data
W, 2 Feb	Topic 5	DATA and DATA Display (430 text chapter 2)
F, 4 Feb	Online	Online Class Assignment 1
M, 7 Feb	Topic 6a	Measures of Center and Spread – Theory (400 text 3.3, chapter 5)
W, 9 Feb	Topic 6b	Textbook Homework due: (chapter 1) 1.1, 1.2 - Submit both code and output.
F, 11 Feb	Online	Online Class Assignment 2
M, 14 Feb	Topic 6c	Measures of Center and Spread – SAS
W, 16 Feb	Topic 7a	Sampling Distributions - Means (400 text chapter 5) Hand in Homework due: (chapter 2) 2.1, 2.2, 2.4, 2.5, 2.8, 2.9 - Submit both code and output.
F, 18 Feb	Online	Online Class Assignment 3
M, 21 Feb	Topic 7b	Sampling Distributions - Proportions (400 text chapter 6)
W, 23 Feb	Topic 8a	Confidence Intervals
F, 25 Feb	Online	Online Class Assignment 4
M, 28 Feb	Topic 8b	Confidence Intervals - SAS (400 text chapter 7) Project 1 due
W, 2 Mar	Topic 9a	Hypothesis Testing – Hypotheses and Errors (400 text chapter 8)
F, 4 Mar	Online	Online Class Assignment 5
M, 7 Mar	Topic 9b	Hypothesis Testing – Implementation
W, 9 Mar	Topic 10	T-tests and Nonparametric Comparisons – SAS (430 text chapter 6)
F, 11 Mar	Online	Online Class Assignment 6 part I (Online Assignment 6 part II will be due the following Thursday)
M, 14 Mar	Review	
W, 16 Mar	Exam 1	Hand in Homework due: (chapter 6) 6.2, 6.4 - Submit both code and output.
F, 18 Mar (20-27Mar)	Topic 11a start (no class)	Analysis of Variance - Theory (430 text chapter 7; 400 text chapter 10, 13) (Spring Break)
M, 28 Mar	Topic 11ab	Analysis of Variance – SAS
W, 30 Mar	Topic 12	Bivariate Analysis, Correlation Using SAS (400 text chapters 5, 12) Hand in Homework due: (chapter 7) 7.2, 7.6 - Submit both code and output.
F, 1 Apr	Online	Online Class Assignment 7 part I (due 8 pm Sat) Online Class Assignment 7 part II (due 8 pm the following Wed)
M, 4 Apr	Topic 13a	Simple Linear Regression – Equation Theory
W, 6 Apr	Topic 13b	Simple Linear Regression – Equations via SAS
F, 8 Apr	Online	Online Class Assignment 8
M, 11 Apr	Topic 14a	Simple Linear Regression – Residuals
W, 13 Apr	Topic 14b	Hand in Homework due: (chapter 5) 5.2, 5.4, 5.6, 5.8, 5.10 Submit both code and output.
F, 15 Apr	Online	Online Class Assignment 9
M, 18 Apr	Topic 15	Deeper Look at Regression (430 text chapter 5 & 9)
W, 20 Apr	Topic 16a	Analyzing Categorical DATA – Theory (430 text chapter 3) Project 2 due
F, 22 Apr	Online	Online Class Assignment 10
M, 25 Apr	Topic 16b	Analyzing Categorical DATA – Theory, Chi-Square (400 text chapter 14)
W, 27 Apr	Topic 16c	Analyzing Categorical DATA – SAS
F, 29 Apr	Online	Online Class Assignment 11
M, 2 May	Topic 17	SAS and DATA Hand in Homework due: (chapter 3) 3.1, 3.2, 3.3, 3.4, 3.5, 3.7 Submit both code and output.
W, 4 May	Online	Online Class Assignment 12
F, 6 May	Review	
M, 9 May	Exam 2	<u>Project portion due Wed 11 May must be submitted by 3pm</u>
W, 11 May	study day	
F, 13 May	Exam 2	<u>Written portion must be submitted by 8 pm.</u>