

Biostatistical Methods Spring 2024 Schedule of Topics

Class #	Week	Date	Topics
1	1	Tu Jan 16	Introductions and Syllabus
2		Th Jan 18	Lecture Chapter 2 Study Designs
3	2	Tu Jan 23	Lecture Chapter 3 Quantifying the Extent of Disease
4		Th Jan 25	Worksheet Chapter 3 Quantifying the Extent of Disease
5	3	Tu Jan 30	Lecture Chapter 4 Summarizing Data Collected in the Sample
6		Th Feb 1	Worksheet Chapter 4 Summarizing Data Collected in the Sample
7	4	Tu Feb 6	Lecture Chapter 5 The Role of Probability I (5.1-5.5)
8		Th Feb 8	Worksheet Chapter 5 The Role of Probability I
9	5	Tu Feb 13	Review for Exam 1 (1-5.5)
10		Th Feb 15	Exam 1
11	6	Tu Feb 20	Lecture Chapter 5 The Role of Probability II (5.6.2-5.6)
12		Th Feb 22	Worksheet Chapter 5 The Role of Probability II
13	7	Tu Feb 27	Lecture Chapter 6 Confidence Interval Estimates
14		Th Feb 29	Worksheet Chapter 6 Confidence Interval Estimates
15	8	Tu Mar 5	Lecture Chapter 7 Hypothesis Testing Procedures I (7.1-7.4)
16		Th Mar 7	Worksheet Chapter 7 Hypothesis Testing Procedures I
		Tu Mar 12	Spring Break
		Th Mar 14	Spring Break
17	9	Tu Mar 19	Review for Exam 2 (5.1-7.4)
18		Th Mar 21	Exam 2
19	10	Tu Mar 26	Lecture Chapter 7 Hypothesis Testing Procedures II (7.5-7.9)
20		Th Mar 28	Easter Break
21	11	Tu Apr 2	Worksheet Chapter 7 Hypothesis Testing Procedures II
22		Th Apr 4	Lecture Chapter 9 Multivariable Models
23	12	Tu Apr 9	Worksheet Chapter 9 Multivariable Models
24		Th Apr 11	No Class
25	13	Tu Apr 16	Lecture Chapter 10 Nonparametric Tests I
26		Th Apr 18	Worksheet Chapter 10 Nonparametric Tests I
27	14	Tu Apr 23	Lecture Chapter 10 Nonparametric Tests II
28		Th Apr 25	Worksheet Chapter 10 Nonparametric Tests II
29	15	Tu Apr 30	Lecture Chapter 11 Survival Analysis
30		Th May 2	Review for Final Exam (7.4-11, no 8)
31		Mo May 6	Final Exam 10:30 AM (7.5-11.1)