

Biostatistical Methods Spring 2025 Schedule of Topics-Revised

Class #	Week	Date	Topics
1	1	Tu Jan 14	Introductions and Syllabus
2		Th Jan 16	Lecture Chapter 3 Quantifying the Extent of Disease. Chapter 3 #1, 5, 7, 9
3	2	Tu Jan 21	Canceled for Weather
4		Th Jan 23	Worksheet Chapter 3 Quantifying the Extent of Disease
5	3	Tu Jan 28	Lecture Chapter 4 Summarizing Data Collected in the Sample. Chapter 4 #2, 4, 6, 7, 9
6		Th Jan 30	Worksheet Chapter 4 Summarizing Data Collected in the Sample
7	4	Tu Feb 4	Lecture Chapter 5 The Role of Probability Part A (5.1-5.5). Chapter 5 #1&SD, 4
8		Th Feb 6	Worksheet Chapter 5 The Role of Probability Part A
9	5	Tu Feb 11	Review for Exam 1 (3-5.5)
10		Th Feb 13	Exam 1 **Moved**
11	6	Tu Feb 18	Lecture Chapter 5 The Role of Probability Part B (5.6.2-5.7). Chapter 5 #10, 19
12		Th Feb 20	Worksheet Chapter 5 The Role of Probability Part B
13	7	Tu Feb 25	Lecture Chapter 6 Confidence Interval Estimates. Chapter 6 #1, 3, 5, 7
14		Th Feb 27	Worksheet Chapter 6 Confidence Interval Estimates
15	8	Tu Mar 4	Lecture Chapter 7 Hypothesis Testing Procedures Part A (7.1-7.4). Chapter 7 #4, *, 9
16		Th Mar 6	Worksheet Chapter 7 Hypothesis Testing Procedures Part A
		Tu Mar 11	Spring Break
		Th Mar 13	Spring Break
17	9	Tu Mar 18	Lecture Chapter 7 Hypothesis Testing Procedures Part B (7.5-7.10). Chapter 7 #12, 18, 10, 19, 11
18		Th Mar 20	Worksheet Chapter 7 Hypothesis Testing Procedures Part B
19	10	Tu Mar 25	Review for Exam 2 (5.6-7.4)
20		Th Mar 27	Exam 2 **Moved**
21	11	Tu Apr 1	Lecture Chapter 9 Multivariable Models. Chapter 9 #*, 6, 13
22		Th Apr 3	Worksheet Chapter 9 Multivariable Models
23	12	Tu Apr 8	Lecture Chapter 10 Nonparametric Tests Part A (10.1-10.2). Chapter 10 #*, 3
24		Th Apr 10	Worksheet Chapter 10 Nonparametric Tests Part A
25	13	Tu Apr 15	No Class
26		Th Apr 17	Easter Break
27	14	Tu Apr 22	Lecture Chapter 10 Nonparametric Tests Part B (10.3-10.5). Chapter 10 #6, 7, 8
28		Th Apr 24	Worksheet Chapter 10 Nonparametric Tests Part B
29	15	Tu Apr 29	Lecture Chapter 11 Survival Analysis. Chapter 11 #12, 14
30		Th May 1	Worksheet Chapter 11.1-11.2 Survival Analysis-Actuarial, Review for Final Exam (9-11)
31	16	We May 7, 8am	Final Exam (9-11)

* is a custom problem not in book.