Biostatistical Methods Spring 2025 Schedule of Topics

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