

Biostatistics

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WEBSITE: http://class-gry.acad.ncku.edu.tw/syllabus/online_display.php?syear=0111&sem=1&co_no=S750101&class_code=

CLASS TIME: Wednesday 10:10-12:00

CLASSROOM: Room 304D, College of Medicine

OFFICE HOURS: Tuesday 14-15, Thursday 14-15, and by appointment

TEACHING ASSISTANTS: Yun-Chen Lee and Bo-An Su

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OFFICE: Study Room 08038 (Lee) and 08060 (Su), Outpatient Building

OFFICE HOURS: Tuesday 15-17 (Lee), Thursday 15-17 (Su), and by appointment

Textbook: Bernard Rosner, *Fundamentals of Biostatistics* (8th edition)

Topics to be Covered: Probability; Discrete Probability Distributions; Continuous Probability Distributions; Estimation; Hypothesis Testing for One-Sample Inference; Hypothesis Testing for Two-Sample Inference

Homework: Assignments will be given regularly. No late homework will be accepted.

Grading of Tests and Homework: Homework (10%), Midterm (40%), Final (50%)

Tentative Course Schedule

Week	Date	Topics
1	September 09, 2026	Probability
2	September 16, 2026	Discrete Probability Distributions
3	September 23, 2026	Discrete Probability Distributions
4	September 30, 2026	Continuous Probability Distributions
5	October 07, 2026	Continuous Probability Distributions
6	October 14, 2026	Estimation
7	October 21, 2026	Estimation
8	October 28, 2026	Estimation
9	November 04, 2026	Midterm Examination
10	November 11, 2026	Hypothesis Testing: One-Sample
11	November 18, 2026	Hypothesis Testing: One-Sample
12	November 25, 2026	Hypothesis Testing: One-Sample
13	December 02, 2026	Hypothesis Testing: Two-Sample
14	December 09, 2026	Hypothesis Testing: Two-Sample
15	December 16, 2026	Hypothesis Testing: Two-Sample
16	December 23, 2026	Final Examination
17	December 30, 2026	No Class
18	January 06, 2027	No Class