

Math 4213/5213 Mathematical Statistics II

Text John E. Freund's Mathematical Statistics with Applications 7th ed.

By Miller and Miller

Professor Dr. Karen H. Smith

Office Boyd 313

Office Hours M, W 9 – 10 a.m. 11 – 12 p.m. 2 – 3:30 p.m.

F 11 – 12 p.m.

Topics

Sampling Distribution, Central Limit Theorem, Chi- Square, t and F distributions, Maximum Likelihood estimators, Hypothesis Testing, Goodness of Fit tests, Regression, Analysis of Variance

Approximate Schedule

Jan 9, 11	8.1, 8.2
14, 16, 18	8.3, 8.4
23, 25	8.5, 8.6
28, 30	8.8, 10.1
Feb 1, 4, 6,8	10.2,10.7
11, 13	10.8, 10.10
15	Exam 1
18, 20, 22	11.1, 11.2, 11.3, 11.4
25, 27, 29	11.5, 11.6
Mar 3, 5	11.7, 11.8
7	Exam 2
10, 12, 14	12.1, 12.2, 12.7
24, 26	13.1, 13.2
31	13.3
Apr 2, 4	13.4, 13.5
7	Exam 3
9, 11	13.7, 13.8, 13.9, 14.3
14, 16, 18	14.6, 14.8, 15.1
23, 25	15.3, 15.4, 15.7
28	Exam 4

Grade in Course

80% exam average

20% final

Final Exam Monday May 5 11- 1 p.m.

Spring Break Mar 17 – 21

Last day for a W Mar 3

No Class due to Math Day Mar 28

Attendance Policy Any student who misses 3 or fewer classes (an absence is counted regardless of the reason missed) will have their lowest exam score dropped