

Statistics 6301: Probability for Statistical Inference

Autumn 2019

Instructor: Dr. Elizabeth A. Stasny, 319 Cockins Hall, 614-292-0784, stasny.1@osu.edu

Office Hours (Stasny): Monday and Wednesday, 2:45 – 3:45 p.m. (ending time is firm)

Course Assistant: Mr. Qiuyu Gu, gu.675@osu.edu

Office Hours (Gu): Wednesday 9:10-10:10 a.m. CH134, Thursday 9:10-11:20 a.m. CH132, Friday 9:10-10:10 a.m. CH134.

Text: Rice, *Mathematical Statistics and Data Analysis*, 3rd Edition. We cover the first six chapters of the book in this class; the book is also used for 6302.

Prerequisites: Math 4547 or Math 548 or permission of the instructor.

Course Requirements: You are responsible for all material covered in class, in assigned readings, and on homework assignments. You are expected to attend all classes.

Web Page and Email: Course information and grades on assignments and exams will be available through Carmen. Any email correspondence regarding this class must be from your OSU name.# account. Please use regular email rather than contacting me through Carmen messaging.

Homework: Assignments will be due approximately weekly at the start of the class period. **No late assignments will be accepted.** It is your job to make your homework easy to grade. Answers without work will not receive full credit. While I encourage graduate students to work together and learn from each other, your submissions must be your own and should demonstrate your personal understanding of the problems. Academic misconduct of any sort will not be tolerated and will be dealt with as required by the OSU Code of Student Conduct (see <http://studentaffairs.osu.edu/resources>).

Writing: Any written solutions to problems must be given in proper English and in terms of the problem.

Midterms: Monday, September 23 and Monday, October 28. One sheet (8.5" x 11") of handwritten notes may be used for each exam.

Final Exam: Thursday, December 12, 10:00-11:45 a.m. Two sheets (8.5" x 11") of handwritten notes may be used for the exam.

Grades: The final numerical grade will be determined as follows:

Homework (lowest grade dropped)	20%
Midterm Exam I	20%
Midterm Exam II	20%
Final Exam	35%
Class Participation	5%

(over)

Important dates:

No class on Monday, September 2 for Labor Day.

I will be out of town the afternoon of October 9 – the day before Fall Break.

No classes on November 27 and 29 for Thanksgiving.

Please note that the Final Exam is Thursday Dec. 12, 10:00-11:45 a.m. Any arrangements for travel for the holidays must be made for **AFTER** the scheduled exam time.

Other Useful Information:

See Professor Doug Critchlow (dec@stat.osu.edu) if you wish to enroll in the dual degree program with the MAS as your second degree or if you wish to enroll as a student in our graduate minor.

Other Useful Books:

Introduction to Mathematical Statistics, by Hogg and Craig.

Introduction to Probability and Mathematical Statistics, by Bain and Engelhardt.

	Aug. 21	Aug. 23
Aug. 26	Aug. 28	Aug. 30
Labor Day	Sept. 4	Sept. 6
Sept. 9	Sept. 11	Sept. 13
Sept. 16	Sept. 18	Sept. 20
Sept. 23 Midterm I	Sept. 25	Sept. 27
Sept. 30	Oct. 2	Oct. 4
Oct. 7	Oct. 9	Fall Break
Oct. 14	Oct. 16	Oct. 18
Oct. 21	Oct. 23	Oct. 25
Oct. 28 Midterm II	Oct. 30	Nov. 1
Nov. 4	Nov. 6	Nov. 8
Vereran's Day	Nov. 13	Nov. 15
Nov. 18	Nov. 20	Nov. 22
Nov. 25	Thanksgiving Break	Thanksgiving Break
Dec. 2	Dec. 4 Last Day of Classes	
Thursday Dec. 12 Final Exam 10:00-11:45 a.m.		