STAT: 6300
Probability and Stochastic Processes I
31 SH
12:30-1:20 p.m.
Fall 2019
Stramer

Instructor: Osnat Stramer, 370 SH, phone: 335-3182,
Email: osnat-stramer@uiowa.edu

Office Hours: Scheduled office hours for the course are from 9:45 am to 11:15 am, on MF in 370 SH. Appointments at other times may be made via email.

DEO:
Prof. Kung-Sik Chan, 241 SH, 335-0712
kung-sik-chan@uiowa.edu

WWW: For selected course material such as handouts, homework assignments and solutions go to http://icon.uiowa.edu . Log in using your Hawk ID and Hawk ID password.

Text: Introduction to Probability Models 11th ed., Sheldon M. Ross
Topics: Chapters 1 - 2 (mostly review), 3, 4, 5, 10, and 11 if time permits.

Prerequisites*:* STAT: 4100

Grading System

Your semester grade will consist of the following components:

Homework Quizzes	15%		
Quizzes	15%		
Midterm Exam I	15%	Thursday October 3	6:30-8:00 pm, 3655 SC
Midterm Exam II	20%	Thursday October 31	6:30-8:00 pm, 3655 SC
Final Exam	35%	TBD by the University.	

HOMEWORK: In general (not always), one homework will be assigned each week (mostly on Fridays). Homework is not collected. Instead, homework answers are posted on ICON. Students take homework quizzes on Mondays instead of graded homework. Make up homework quizzes are not given under any circumstances. The lowest homework quiz score is dropped from the calculation of the course grade. **No "crib sheet" is allowed unless stated otherwise.**

Quizzes: There will be 2-3 announced quizzes. The quizzes will be closed book and closed notes, except that you may use a "crib sheet"-one page (8.5 x 11) of notes **written on one side only.**

Exams: There will be two midterm exams and one cumulative final exam. The examination will be closed book and closed notes. Calculator may be used for exams, and any necessary statistical tables will be provided. One 8.5"x11" formula sheets (both sides) may be used for midterm I, two 8.5"x11" formula sheets (both sides) may be used for midterm II, and three 8.5"x11" formula sheets (both sides) may be used for the final. If an exam is missed, a make-up exam will be permitted only if the circumstances of missing the exam satisfy university policies.

Note: Calculator may be used for homework quizzes, quizzes, and exams. Any necessary statistical tables will be provided.

I reserve the right to give bonus points at any time. The bonus points may be applied to any part of your grade.

As an approximate guide, grades will be given as:

90-100: A
80-90: B
70-80: C
60-70: D
Below 60: F

Plus, and minus grades will be given.

FURTHER READING

- Mark Pinsky &Samuel Karlin (2011). An Introduction to Stochastic Modeling, 4th edition.
- Vidyadhar G. Kulkarni (2017). Modeling and Analysis of Stochastic Systems, Third Edition.
- Ambrose Lo, ACTEX CAS Exam MAS-I Study Manual, Volume I (2019)

COMMUNICATION: In the event that I need to communicate with you by email, I will assume that you read your firstname-lastname@uiowa.edu email at least every 24 hours.

.

INFORMATION FOR STUDENTS WITH DISABILITIES: I would like to hear from anyone who has a disability, which may require some modification of seating, testing, or other class requirements so that appropriate arrangements can be made. Please see me as soon as possible.

COLLEGE OF LIBERAL ARTS AND SCIENCES POLICIES AND PROCEDURES:

This course is governed by the policies and procedures of the College of Liberal Arts.

https://clas.uiowa.edu/faculty/teaching-policies-resources-syllabus-insert