

STA4321/5323

Time: Monday and Wednesday 12:30-1:45PM

Place: OSB 108

Text book: A first course in probability, Sheldon Ross, 8th Ed.

Lecturer: Dr. Jinfeng Zhang

Office: 106E OSB

Office hour: Monday 10:30 – 11:30AM

We will have homework every week and a quiz following each homework. Students are not required to turn in the homework.

This course will be offered partially online. Videos will be provided online for some of the content covered in the class and the solutions for homework problems. For most of the weeks, one class will be for lectures and the other for quizzes only.

We will cover chapters 1-5. Some sections may be omitted. Two additional lectures on estimation, hypothesis testing and R will be provided at the end of the semester if we have time.

We will have one midterm, covering chapters 1-3. The final exam will be cumulative covering chapters 1-5. The date of the midterm is given in Table 1.

Other online learning materials

The students are encouraged to learn from the following course on coursera.org during some of the classes where only quizzes are given:

Statistical Inference

<https://www.coursera.org/learn/statistical-inference/home/welcome>

The materials from this online course will not be used in the quizzes and exams.

Grading

Your grade will be determined based on combined performance of quizzes (30%), midterm exam (25%), final exam (30%), and project (15%).

Evaluation of the project will be done using a peer-evaluation approach at pevals.com. The students will be notified of the details later.

Teaching assistant

Adam Duncan

Email: aduncan@stat.fsu.edu

Office hour: Monday 12:00-1:45pm

Course Policies

Attendance is required throughout the semester. Persistent informal talking and any reading or studying of other materials will not be tolerated.

Students can makeup up to one quiz. Please arrange time with the TA for makeup quizzes. The quiz with lowest score will be dropped when calculating final grade.

Academic Honer Policy

The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to ". . . be honest and truthful and . . . [to] strive for personal and institutional integrity at Florida State University." (Florida State University Academic Honor Policy, found at <http://dof.fsu.edu/honorpolicy.htm>.)

Americans with Disabilities Act

Students with disabilities needing academic accommodation should: (1) register with and provide documentation to the Student Disability Resource Center; and (2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class.

This syllabus and other class materials are available in alternative format upon request.

For more information about services available to FSU students with disabilities, contact

Student Disability Resource Center

874 Traditions Way

108 Student Services Building

Florida State University

Tallahassee, FL 32306-4167

(850) 644-9566 (voice)

(850) 644-8504 (TDD)

sdrc@admin.fsu.edu

<http://www.disabilitycenter.fsu.edu/>

Syllabus Change Policy

This syllabus is subject to change with advance notice.

Table 1. Tentative schedule from week 1 (Aug 28) to week 15 (Dec 4)

Week	Monday class	Wednesday class
1	Chapter 1.1 – 1.3	Chapter 1.4 – 1.5
2	Labor day, no class	Quiz1, Quiz2
3	Chapter 2.1 – 2.3	Chapter 2.4 – 2.7
4	Quiz3, Quiz 4	Chapter 3.1 – 3.2
5	Chapter 3.3	Chapter 3.4 – 3.5
6	Quiz5, Quiz6	Review Chapter 1 – 3
7	Midterm (Oct 9)	Chapter 4.1 – 4.2

8	Quiz7	Chapter 4.3 – 4.5
9	Quiz8	Chapter 4.6 – 4.7
10	Quiz9	Chapter 4.7 – 4.8
11	Quiz10	Chapter 5.1 – 5.3
12	Quiz11	Chapter 5.4 – 5.5
13	Quiz12	Estimation and Hypothesis testing
14	R tutorial	Final project Q&A, Final project due on Friday this week.
15	Final project review period	Review Chapter 1 – 5, Final project review due on Wed this week.
16	Final exam the week of Dec 11	