
Time and Location MWF 2:30-3:20pm, 3 SH.

Instructor Jian Huang
Statistics and Actuarial Science
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Office Hours MWF 3:30-4:20pm or by appointment.


Exams There will be two one-hour in-class midterm exams (on Feb 27 and Apr 3) and a two-hour final exam during the finals week.

Homework Homework assignments are an *essential* component of the course and will be expected of the students. Assignments will generally consist of 5-10 problems assigned each Friday. Assignments will be collected at the beginning of the class on the day they are due. Unless prior arrangements are made, late homework will not be accepted.

Attendance Attendance at lectures and participation in discussions are expected. Failure to attend class regularly will affect your grade.

Grading Homework, 30%, midterm 1, 20%, midterm 2, 20%, final, 30%. Grade will be determined by the weighted total score. Scale runs like the following (and I may adjust it a little): A (90-100), B (75-89), C (55-74), D (40-54). A plus-minus grading system will be used.

Additional Help Students are encouraged to see the instructor outside of class. The Department also maintains a list of possible tutors ([www.stat.uiowa.edu/resource/tuturing](http://www.stat.uiowa.edu/resource/tuturing))

Course Objectives The goal of this course is to provide students with a firm foundation of real analysis and advanced calculus skills and fundamentals that have proven useful in mathematical statistics.

Topics to Be Covered I plan to cover most of the materials in Chapters 2 through 7 in Rudin’s book. I will try to maintain an informal atmosphere and encourage class discussion and participation. Questions are always welcome and encouraged.
Additional UI and CLAS Policy and Procedures

Administrative Home  The College of Liberal Arts and Sciences is the administrative home of this course and governs matters such as the add/drop deadlines, the second-grade-only option, and other related issues. Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall or see the CLAS Student Academic Handbook [www.clas.uiowa.edu/students/academic_handbook/index.shtml](http://www.clas.uiowa.edu/students/academic_handbook/index.shtml).

Electronic Communication  University policy specifies that students are responsible for all official correspondences sent to their standard University of Iowa e-mail address (@uiowa.edu). Students should check this account frequently. (Operations Manual, III.15.2. Scroll down to k.11.)

Accommodations for Disabilities  A student seeking academic accommodations should first register with Student Disability Services and then meet privately with the course instructor to make particular arrangements. See [www.uiowa.edu/~sds/](http://www.uiowa.edu/~sds/) for more information.

Academic Fraud  All CLAS students have, in essence, agreed to the College’s Code of Academic Honesty: "I pledge to do my own academic work and to excel to the best of my abilities, upholding the IOWA Challenge. I promise not to lie about my academic work, to cheat, or to steal the words or ideas of others; nor will I help fellow students to violate the Code of Academic Honesty.” Any student committing academic misconduct is reported to the College and placed on disciplinary probation or may be suspended or expelled (CLAS Academic Policies Handbook).

CLAS Final Examination Policies  Final exams may be offered only during finals week. No exams of any kind are allowed during the last week of classes. Students should not ask their instructor to reschedule a final exam since the College does not permit rescheduling of a final exam once the semester has begun. Questions should be addressed to the Associate Dean for Undergraduate Programs and Curriculum.

Making a Suggestion or a Complaint  Students with a suggestion or complaint should first visit the instructor, then the course supervisor, and then the departmental DEO. Complaints must be made within six months of the incident. See the CLAS Student Academic Handbook.

Understanding Sexual Harassment  Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI Comprehensive Guide on Sexual Harassment at [www.uiowa.edu/~eod/policies/sexual-harassment-guide/index.html](http://www.uiowa.edu/~eod/policies/sexual-harassment-guide/index.html) for assistance, definitions, and the full University policy.

Reacting Safely to Severe Weather  In severe weather, class members should seek appropriate shelter immediately, leaving the classroom if necessary. The class will continue if possible when the event is over. For more information on Hawk Alert and the siren warning system, visit the Public Safety website [http://www.uiowa.edu/~pubsfty/intlinks.htm](http://www.uiowa.edu/~pubsfty/intlinks.htm).

Student Classroom Behavior  The ability to learn is lessened when students engage in inappropriate classroom behavior, distracting others; such behaviors are a violation of the Code of Student Life. When disruptive activity occurs, a University instructor has the authority to determine classroom seating patterns and to request that a student exit the classroom, laboratory, or other area used for instruction immediately for the remainder of the period. One-day suspensions are reported to appropriate departmental, collegiate, and Student Services personnel (Office of the Vice President for Student Services and Dean of Students).