1 General Information

Instructor: Dr. Aixin Tan, 259 SH, 335-0821, aixin-tan@uiowa.edu
Instructor Office hours: Mon 11:20-11:50am + Wed 1-2:30pm
Lab Instructors and Office hours Sheng Wang, Thur 1-3pm 350 SH, sheng-wang@uiowa.edu
Hongda Zhang, Thur 2:30-3:30pm, 213 SH, hongda-zhang@uiowa.edu

No matter which section you are in, you are welcome to any of the above office hours (note we are in different offices). Also, please feel free to send us questions by e-mail (NOT by ICON messages).

Regular Lectures: M, W 10:30 am -11:20 am 140 SH
Labs/discussions: Friday, 41 SH (NOT in the room in SH listed on your registration page)
Each student should have registered and attend ONE of the following three sessions:
10:30-11:20 (0A11) 11:30-12:20 (0A12) 12:30-13:20 (0A13)
IN CASES OF OCCASIONAL CHANGES to the schedule and classroom, I will make an announcement in class and on the “Announcements” page in ICON the week before.

Course webpage: log into ICON at https://icon.uiowa.edu. Check the “Announcements” page and the “Modules” page regularly for updates.
Class materials: Handouts, homework assignments, links to datasets, etc. will be posted in ICON.
(You can search for this title with infoHawk+ at www.lib.uiowa.edu. UI students have free online access to it.)

Department: Statistics and Actuarial Science, 241 SH
DEO: Dr. Lang, 241 SH, 335-0712 joseph-lang@uiowa.edu

2 Course goals and objectives

Through hands-on experience with real data from a wide variety of applications, students will learn basic methods required for data analysis and interpretation. The emphasis will be on formulating questions, choosing appropriate statistical techniques for a given problem, verifying whether the assumptions behind the techniques are met by the dataset, drawing appropriate conclusions from the analysis, and communicating the results. Students will learn the basics of SAS, a statistical software package that is widely used in business, industry, government, and research.

STAT:2010 is approved for General Education in the Quantitative and Formal Reasoning category.
3 Evaluation of students

3.1 Homework

In general, one homework will be assigned each week and will be due in class the following week. 

Show your work when solving written homework problems. For computer problems, turn in printouts of your commands or programs and their output. (More detailed instructions to come.)

You are encouraged to study with others. But the submitted work must reflect your own effort. If you do discuss with others on homework assignments, please: a) write up your own assignment and make sure you completely understand all solutions that you submit, and b) write the names of the others in your study group on your assignment.

Late homework is accepted only as required by university policy, i.e. due to “illness, mandatory religious obligations, or other unavoidable circumstances or University activities.”

3.2 Attendance

Attendance is required and roll will be taken at random dates. If you must miss class due to illness or other valid excuse (see “Late Homework” above), please send the instructor an email with explanation PRIOR to the class time.

3.3 Exams

There will be two 1-hour midterm exams and one comprehensive 2-hour final. Students may bring one 8-1/2 x 11 in. sheet of paper with formulas/notes to the first midterm, two sheets to the second midterm, three sheets to the final exam.

<table>
<thead>
<tr>
<th>Midterm 1</th>
<th>Midterm 2</th>
<th>Final exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>week of Sep. 24 (tentative)</td>
<td>week of Nov. 5 (tentative)</td>
<td>To be determined by the University</td>
</tr>
</tbody>
</table>

Missed exams may be made up only with documentation of reasons required by university policy (see “Late Homework” above).

3.4 Grading

The course components will be weighted as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>13%</td>
</tr>
<tr>
<td>Attendance</td>
<td>2%</td>
</tr>
<tr>
<td>Midterms</td>
<td>50% (25% each)</td>
</tr>
<tr>
<td>Final</td>
<td>35%</td>
</tr>
</tbody>
</table>

Plus/minus grades will be used. For those who registered for STAT:2010, as a rough guide, A, A- = 90%–100%, B+,B,B-= 80%–90%, C+,C,C-= 70%–80%, D+,D, D-= 60%–70%. Grade assignment for those in STAT:4200 will be subject to tougher criteria.
**Administrative Home** The College of Liberal Arts and Sciences (CLAS) is the administrative home of this course and governs its add/drop deadlines, the second-grade-only option, and other policies. These policies vary by college (https://clas.uiowa.edu/students/handbook).

**Electronic Communication** Students are responsible for official correspondences sent to their UI email address (uiowa.edu) and must use this address for all communication within UI (Operations Manual, III.15.2).

**Accommodations for Disabilities** UI is committed to an educational experience that is accessible to all students. A student may request academic accommodations for a disability (such as mental health, attention, learning, vision, and physical or health-related condition) by registering with Student Disability Services (SDS). The student should then discuss accommodations with the course instructor (https://sds.studentlife.uiowa.edu/).

**Nondiscrimination in the Classroom** UI is committed to making the classroom a respectful and inclusive space for all people irrespective of their gender, sexual, racial, religious or other identities. Toward this goal, students are invited to optionally share their preferred names and pronouns with their instructors and classmates. The University of Iowa prohibits discrimination and harassment against individuals on the basis of race, class, gender, sexual orientation, national origin, and other identity categories set forth in the University’s Human Rights policy. For more information, contact the Office of Equal Opportunity and Diversity at diversity@uiowa.edu or diversity.uiowa.edu.

**Academic Integrity** All undergraduates enrolled in courses offered by CLAS have, in essence, agreed to the College’s Code of Academic Honesty. Misconduct is reported to the College, resulting in suspension or other sanctions, with sanctions communicated with the student through the UI email address.

**CLAS Final Examination Policies** The final exam schedule for each semester is announced around the fifth week of classes; students are responsible for knowing the date, time, and place of a final exam. Students should not make travel plans until knowing this final exam information. No exams of any kind are allowed the week before finals. (https://clas.uiowa.edu/faculty/teaching-policies-resources-examination-policies.)

**Making a Complaint** Students with a complaint should first visit with the instructor or course supervisor and then with the departmental executive officer (DEO), also known as the Chair. Students may then bring the concern to CLAS (https://clas.uiowa.edu/students/handbook/student-rights-responsibilities).

**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 must uphold the UI mission and contribute to a safe environment that enhances learning. Incidents of sexual harassment must be reported immediately. For assistance, definitions, and the full University policy, see https://osmrc.uiowa.edu/.