

1 General Information

Instructor: Dr. Aixin Tan, aixin-tan@uiowa.edu
Instructor Virtual Office Hours: T, Th 8:45–10:00am

Lab Instructor Zhen Wang, zhen-wang-1@uiowa.edu
Lab Instructor Virtual Office Hours: T 4–5pm; Th 4:30–6:30pm

For office hours, find the “Zoom” button on the left of our ICON course page, then click on the correct time window. Also, please feel free to (1) send us general questions by posting in “Discussions” in ICON, (2) send questions that are specific to you (e.g., problem with the score of a homework submission) by e-mail, and (3) to make appointments by email if you need to talk to us outside office hours.

Regular Lectures: MW 10:30–11:20am, in person, 40 Schaeffer Hall (SH)

Labs/Discussions

Each student should have registered for ONE of the following four sessions, and will only need to attend that one session. During most labs, we will log into UI virtual desktop to use the SAS software.

Session	Lab time
0A11	F 10:30am-11:20am
0A12	F 11:30am-12:20pm
0A13	F 12:30pm-1:20pm
0A14	F 3:30pm-4:20pm

Course webpage: <https://icon.uiowa.edu>. Log in and click on STAT:2010:0AAA.

- Check the **Announcements** and the **Modules** pages regularly for updates.
- Class materials including lecture slides, homework assignments, links to datasets, lab worksheets, zoom links to instructor office hours, etc. will be posted in ICON.
- Do quizzes and submit homework by their deadlines in **Assignments**.

Textbook:

Moore, Notz, and Fligner, *The Basic Practice of Statistics, 8th ed.* 2017, Macmillan Learning. (I believe your U-Bill will be charged for this e-book in ICON Direct on Sep 3rd. If you already have access to the 8th ed. elsewhere, be sure to opt-out before the date to avoid the charge (the UI Bookstore will email you the details, ICON/Student Tools/ICON Direct Opt Out)).

Additional resources: Delwiche and Slaughter, *The Little SAS Book*, 2012, SAS Institute. (Search for this title with infoHawk+ at www.lib.uiowa.edu for free access)

Department: Statistics and Actuarial Science, 241 SH
DEO: Dr. Chan, 241 SH, 335-0712
kung-sik-chan@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 ICON the following week. Reasonable types of files (e.g. .doc, .jpg, .pdf) of reasonable small file sizes (no bigger than a few M) are expected. Since many homework problems involve SAS coding and interpreting the results, it is often convenient to use text editors (e.g. Word) to write homework. Scans of clear hand writings are also acceptable, and maybe easier when you need to include formulas but don't know how to type formulas in text editors.

Show your work when solving written homework problems. For computer problems, turn in your codes (computer program) and the useful parts of their output. (More detailed instructions to come.)

You are encouraged to discuss and 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

You are required to attend all lectures, either in person or virtually at the designated lecture time. Attendance to lab sessions is also required. If you must miss a lecture or lab due to illness or other valid excuses (see "Late Homework" above), please send the instructor an email with explanation PRIOR to the class time.

3.3 Quizzes

Short quizzes will be given online. They are relatively low-stake, and are meant to provide important timely evaluations of your learning to help keep you on track.

3.4 Exams

There will be two 50 min midterm exams and one comprehensive 2-hour final. Students may use one 8-1/2 x 11 in. sheet of paper with formulas/notes during the first midterm, two sheets during the second midterm, three sheets during the final exam.

Midterm 1	week of Sep. 27 (tentative)
Midterm 2	week of Nov. 1 (tentative)
Final exam	To be determined by the University

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

3.5 Grading

The course components will be weighted as follows:

Homework	15%
Quizzes and Attendance	3%
Midterms	50% (25% each)
Final	32%

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% .

If you have questions about grading of Homework or tests, please let us know within 7 days of receiving the grades.

COLLEGE OF LIBERAL ARTS AND SCIENCES
Information for CLAS Undergraduates
Fall 2021

ATTENDANCE AND CLASSROOM EXPECTATIONS

Students are responsible for attending class and for knowing an instructor's attendance policies, which vary by course and content area. All students are expected to attend class and to contribute to its learning environment in part by complying with University policies and directives regarding appropriate classroom behavior or other matters.

ABSENCES

Students are responsible for communicating with instructors as soon they know that an absence might occur or as soon as possible in the case of an illness or an unavoidable circumstance. Students can use the CLAS absence form to help communicate with instructors who will decide if the absence is excused or unexcused; the form is located on ICON within the top banner under "Student Tools." Delays by students in communication with an instructor could result in a forfeit of what otherwise might be an excused absence (<https://clas.uiowa.edu/students/handbook/attendance-absences>).

ABSENCES: ILLNESS, UNAVOIDABLE CIRCUMSTANCES, AND UNIVERSITY SPONSORED ACTIVITIES

Students who are ill, in an unavoidable circumstance affecting academic work, or who miss class because of a University sponsored activity are allowed by UI policy to make up a missed exam. Documentation is required by the instructor except in the case of a brief illness. Students are responsible for communicating with instructors as soon as the absence is known (<https://opsmanual.uiowa.edu/students/absences-class#8.1>).

ABSENCES: HOLY DAYS

Reasonable accommodations are allowed for students whose religious holy days coincide with their classroom assignments, tests, and attendance if the student notifies the instructor in writing of any such religious Holy Day conflicts *within the first days of the semester and no later than the third week*. (See the UI Operations Manual, <https://opsmanual.uiowa.edu/students/absences-class#8.2>).

ABSENCES: MILITARY SERVICE OBLIGATIONS

Students absent from class due to U.S. veteran or U.S. military service obligations (including military service-related medical appointments, military orders, and National Guard Service obligations) must be excused without penalty. Instructors must make reasonable accommodations to allow students to make-up exams or other work. Students must communicate with their instructors about the expected possibility of missing class as soon as possible. (For more information, see <https://opsmanual.uiowa.edu/iv-8-absences-class%C2%A0-0>).

ACADEMIC MISCONDUCT

All undergraduates enrolled in courses offered by CLAS have in essence agreed to the College's Code of Academic Honesty. Academic misconduct affects a student's grade and is reported to the College which applies an additional sanction, such as suspension. Outcomes about misconduct are communicated through UI email (<https://clas.uiowa.edu/students/handbook/academic-fraud-honor-code>).

ACADEMIC ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

UI is committed to providing an educational experience that is accessible to all students. A student may request academic accommodations for a disability (such as a mental health, attention, learning, vision, and a physical or health-related condition) through the Student Disability Services (SDS) office. The student is responsible for discussing specific accommodations with the instructor. Note that accommodations are not granted retroactively but from the time of the student's request to the instructor onward; additionally, accommodations must be requested at least two weeks in advance of the related assignment or exam (<https://sds.studentlife.uiowa.edu/>).

CLASS RECORDINGS: PRIVACY AND SHARING

Course lectures and discussions are sometimes recorded or live-streamed. These are only available to students registered for the course and the intellectual property of the faculty member. These materials may not be shared or reproduced without the explicit written consent of the instructors. Students may not share these recordings with those who are not enrolled in the course; likewise, students may not upload recordings to any other online environment. Doing so is a breach of the Code of Student Conduct and could be a violation of the Federal Education Rights and Privacy Act (FERPA); also see <https://dos.uiowa.edu/policies/code-of-student-life/>.

COMMUNICATION: UI EMAIL

Students are responsible for all official correspondences sent to their UI email address (uiowa.edu) and must use this address for any communication with instructors or staff in the UI community ([Operations Manual, III.15.2](#)). Emails should be respectful and brief, with complex matters addressed during the instructor's drop-in hours, for example. Faculty are not expected to answer email after business hours or during the weekends.

COMPLAINTS ABOUT ACADEMIC MATTERS

Students with a complaint about a grade or a related academic issue should first visit with the instructor and then with the course supervisor (if one is assigned), and next with the Chair of the department or program offering the course. If not resolved, students may bring their concerns to the College of Liberal Arts and Sciences:

<https://clas.uiowa.edu/students/handbook/student-rights-responsibilities>.

FINAL EXAMINATION POLICIES

The final exam schedule is published during the fifth week of the fall and spring semesters or on the first day of summer classes; *students are responsible for knowing the date, time, and place of their final exams*. Students should not make travel plans until knowing this information. A student with exams scheduled on the same day and time or who have more than two final exams on the same day should visit this page for how to resolve these problems by the given deadline: <https://registrar.uiowa.edu/makeup-final-examination-policies>. No exams may be scheduled the week before finals; some exception, however, have been made for labs, language courses, and off-cycle courses (<https://registrar.uiowa.edu/final-examination-scheduling-policies>).

FREE SPEECH AND EXPRESSION

The University of Iowa supports and upholds the First Amendment protection of freedom of speech and the principles of academic and artistic freedom. We are committed to open inquiry, vigorous debate, and creative expression inside and outside of the classroom. Visit Free Speech at Iowa for more information on the University's policies on free speech and academic freedom (<https://freespeech.uiowa.edu/>).

HOME OF THE COURSE

The College of Liberal Arts and Sciences (CLAS) is the home of this course, and CLAS governs the course's add and drop deadlines, the "second-grade only" option (SGO), and other undergraduate policies and procedures. Different UI colleges may have other policies or deadlines. See <https://clas.uiowa.edu/students/handbook>. Questions? Contact CLAS at clasps@uiowa.edu or 319-335-2633.

MENTAL HEALTH

Students are encouraged to seek help as a preventive measure or if feeling stressed or overwhelmed. Students should talk to their instructors for guidance with specific class-related concerns and are encouraged to contact University Counseling Service (UCS) at 319-335-7294 during regular business hours to schedule an appointment. USC offers group and individual therapy as well as counseling for couples about relationships while making referrals to other resources (<https://counseling.uiowa.edu/>). Student Health can also address related concerns (<https://studenthealth.uiowa.edu/>). These visits are free to students. After hours, students are encouraged to call the Johnson County Community Crisis Line at (319) 351-0140 or dial 911 in an emergency.

NONDISCRIMINATION IN THE CLASSROOM

The University of Iowa is committed to making the classroom a respectful and inclusive space for people of all gender, sexual, racial, religious, and other identities. Toward this goal, students are invited in MyUI to optionally share the names and pronouns they would like their instructors and advisors to use to address them. The University of Iowa prohibits discrimination and harassment against individuals based on race, class, gender, sexual orientation, national origin, and other identity categories indicated by the University's Human Rights policy. Contact the Office of Equal Opportunity and Diversity at <https://diversity.uiowa.edu/division/office-equal-opportunity-and-diversity-eod>.

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 are expected to conduct themselves in a manner that maintains an environment free from sexual harassment and sexual misconduct. Those experiencing sexual harassment are strongly encouraged to report the incidents and to seek help (<https://osmrc.uiowa.edu/>).