

Statistics and Society – STAT:1010
Spring, 2023

1 General Information

Instructor: Fei Wu, 256 SH, fei-wu-1@uiowa.edu, 319-335-0712

Office Hours: MWF 2:30 - 3:30 p.m.

Teaching Assistant: Collin Nill, 348 SH, collin-nill@uiowa.edu

Office Hours: TTh 1 - 2 p.m. and W 10:25 - 11:25 a.m.

Course Supervisor: Dr. Aixin Tan, 259 SH, aixin-tan@uiowa.edu, 319-335-0821

Office Hours: Th 9:00 - 10:30 a.m. via zoom (Meeting ID: 950 8159 6238)

Regular Lectures: MWF 1:30 - 2:20 p.m. LR1 VAN

Discussions: Tue or Thur depending on which session you registered for

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, etc.
will be posted in ICON.

Textbook: Bennett, Briggs and Triola, *Statistical Reasoning for Everyday Life*, 5th ed.
(Access through ICON Direct)

Calculator: Students will need a calculator capable of performing basic calculations.

Department: Statistics and Actuarial Science, <https://stat.uiowa.edu>

DEO: Dr. Kung-Sik Chan, 241 SH, kung-sik-chan@uiowa.edu, 319-335-2849

2 Course goals and objectives

Through examples from everyday life, students will learn the basics of statistical reasoning, data analysis, interpretation, and communication of the analysis results.

STAT:1010 is approved for General Education in the Quantitative and Formal Reasoning category.

3 Evaluation of students

3.1 Homework

Generally, homework will be assigned every Friday in ICON, and due in ICON the next Friday *before class starts*. The deadline will be clearly shown in ICON/Assignment. *Please write clearly and upload a single file of scan/picture of your work in ICON/Assignment*. Under any circumstances, homework submissions up to 24 hours late will receive a 25% penalty, those between 24 and 48 hours late a 50% penalty, etc. The lowest *two* homework scores will be dropped.

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. *Simply copying another student's homework will be considered academic misconduct.*

3.2 Discussions

Your TA will take attendance in discussion. This constitutes 10% of your grade. No exceptions will be made for illness, work conflicts, conferences, etc. You can miss *two* discussions without penalty.

3.3 Quizzes

Generally, an online (ICON) quiz will be given following lecture on Fridays. Students will have until the beginning of the next lecture on Friday to complete the quiz. Make-up quizzes will not be allowed. The lowest *two* quiz scores will be dropped.

3.4 Exams

There will be two midterm exams and one comprehensive 2-hour final. The midterms will be given in the classroom during a regular lecture period. Students may bring one 8-1/2 x 11 in. sheet of paper with notes to each midterm, and may bring three sheets to the final exam.

Midterm 1	Friday, February 24, in-class (tentative)
Midterm 2	Wednesday, April 5, in-class (tentative)
Final exam	TBD by the University.

If you must miss an exam, you must directly inform the instructor before the exam begins. You will be required to provide full, detailed, irrefutable documentation.

3.5 Grading

- The course components will be weighted as follows:

Homework	20%
Quizzes	12%
Discussions	10%
Midterms	36% (18% each)
Final	22%
- Grading notes:
 - This course uses the +/- grading system.
 - Grade cutoffs will be *no higher* than the usual 90 (A-), 80 (B-), 70 (C-), 60 (D-) breakdown.
 - I reserve the right to give bonus points at anytime, such as *unannounced quizzes in lectures, attendance, etc.* Bonus points are not available on an individual basis.
 - Your attendance, participation, preparedness, work ethic, etc. may slightly affect your final grade.

3.6 Academic Misconduct

- During quizzes and exams, you may not talk, whisper, pass notes, view other students' work, allow a fellow student to view your own work (cover your paper), write-on (or read-from) the desktop, use class notes, etc. Also,

- Cell phones may not be used under any circumstances.
- Calculators may not be shared.
- Statistical tables may not be shared
- All academic misconduct will receive the following sanctions:
 - A report will be filed with the UI.
 - You will receive a 0 on the exam/quiz/homework on which the academic misconduct took place.
 - **Your final grade will be lowered by 2 full letter grades (e.g. from a B+ to a D+).**

4 College of Liberal Arts and Sciences (CLAS) Course Policies

Attendance and Absences

University regulations require that students be allowed to make up examinations which have been missed due to illness or other unavoidable circumstances. Students with mandatory religious obligations or UI authorized activities must discuss their absences with me as soon as possible. Religious obligations must be communicated within the first three weeks of classes.

Exam Policies

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.

Where to Get Help

Students can get additional help at the Statistics Tutorial Lab, located in University Library Commons, Group Area E.

The tutorial lab schedule can be found at <https://stat.uiowa.edu/resources/tutoring>

5 University Policies

[Accommodations for Students with Disabilities](#)

[Basic Needs and Support for Students](#)

[Classroom Expectations](#)

[Exam Make-up Owing to Absence](#)

[Free Speech and Expression](#)

[Mental Health](#)

[Military Service Obligations](#)

[Non-discrimination](#)

[Religious Holy Days](#)

[Sexual Harassment/Misconduct and Supportive Measures](#)

[Sharing of Class Recordings](#)