

The University of Iowa
The College of Liberal Arts and Sciences
Spring, 2024

Title of course: STAT:1010 Statistics and Society

Course meeting time and place: 1:30 - 2:20 PM MWF in LR1 VAN

Department of Statistics & Actuarial Science

Instructor: Prof. Osnat Stramer, 370 SH, Phone 335-3182, Email osnat-stramer@uiowa.edu

Student drop-in hours: MW 11:00 AM-12:15 PM in 370 SH, Students are invited to drop by during these hours to discuss questions about the course material or concerns. I am also available by appointment if you are unable to attend my drop-in hours.

Teaching Assistant: Brandon Tague, 213 SH, E-mail brandon-tague@uiowa.edu, Office hours-T Th 10-11:30 AM.

Grader: Uthpala Gunathilake, E-mail uthpala-gunathilake@uiowa.edu

Attendance: Attendance at discussion is highly recommended and required. Attendance at lecture is highly recommended, but is not part of your grade. Lectures are not recorded or broadcast via Zoom.

Departmental Executive Officer: Professor Kung-Sik Chan, 241 SH, Phone 335-0712, E-mail kung-sik-chan@uiowa.edu

Required Textbook: Bennett, Briggs and Triola, *Statistical Reasoning for Everyday Life*, 6th ed. The ICON Direct program will be used. Your U-Bill will be charged automatically after your course has started, unless you **opt out** prior to the last day for tuition and fee reduction course deadline. If you use this option, check out your textbook in your ICON course. The Unizin Engage link needs to be in your ICON course navigation menu on the left of your course site.

Calculator: Students will need a calculator capable of performing basic calculations. Students will not be allowed to use calculators on their laptop, tablet, watch, or other electronic devices during exams.

Course Website: I will post announcements, homework problems, and other course information on ICON.

Course Description 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.

Grading: Your semester grade will consist of the following components:

Homework	15%
Three Midterm Exams	$3 * 15\% = 45\%$
Final Exam	30%
Attendance	10%
Total	100%

A plus-minus grading system will be used. As a **rough** guide:

A	B	C	D	F
A+ 98-100	B+ 87-89	C+ 77-79	D+ 67-69	F < 59
A 93-97	B 83-86	C 73-76	D 63-66	
A- 90-92	B- 80-82	C- 70-72	D- 60-62	

- Grade cutoffs will be no higher than the usual
- Your final grade is based solely on your performance in this class.
- No extra credit is offered.
- Your final grade can not be negotiated.

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, and zero otherwise. The lowest two homework scores will be dropped. You are encouraged to study with others, but the submitted work must reflect your own effort. Due to time constraints the grader may grade only some of the assigned questions, but you are responsible for understanding all questions. **If there are grading errors those should be reported to your TA no later than a week after the homework are graded.**

Exams: There will be three midterms in class and a two hour final exam. Calculators may be used for exams, and any necessary statistical tables will be provided. You can bring one hand-written 8.5"x11" formula sheet (both sides) for each midterm exam and

three hand-written 8.5”x11” formula sheets (both sides) for the final exam. **You may not share calculators etc. during exams.** It is your responsibility to bring a calculator, and pencils to exams. No extra calculator, or pencils will be available for exams. If an exam is missed, a make-up exam will be permitted only if the circumstances of missing the exam satisfy university policies (documentation will be required in such a case). Grading errors should be reported to me no later than a week after the exams are returned in discussions.

Tentative schedule for the exams

Exam	Date	Location	Time
<i>Midterm One:</i>	Friday, Feb. 16	VAN LR1	1:30PM - 2:20PM
<i>Midterm Two:</i>	Friday, March 22	VAN LR1	1:30PM - 2:20PM
<i>Midterm Three:</i>	Friday, April 19	VAN LR1	1:30PM - 2:20PM
<i>Final:</i>	TBA	TBA	TBA

Academic Honesty and Misconduct: All students in CLAS courses are expected to abide by the CLAS Code of Academic Honesty. Undergraduate academic misconduct must be reported by instructors to CLAS according to these procedures.

Student Complaints: Students with a complaint about a grade or a related matter should first discuss the situation with the instructor, and finally with the Director or Chair of the school, department, or program offering the course. Undergraduate students should contact CLAS Undergraduate Programs for support when the matter is not resolved at the previous level.

Drop Deadline for this Course: You may drop an individual course before the deadline; after this deadline you will need collegiate approval. You can look up the drop deadline for this course here. When you drop a course, a “W” will appear on your transcript. The mark of “W” is a neutral mark that does not affect your GPA. Directions for adding or dropping a course and other registration changes can be found on the Registrar’s website. Undergraduate students can find policies on dropping and withdrawing here.

Where to Get Help:

- TA Office Hours: See syllabus.
- Instructor Office Hours: See syllabus.
- Statistics Tutorial Lab: There is a free statistics tutorial lab (1113 Red, Library Commons, First Floor, Main Library) for students in this course. During available times, a graduate student will be present to assist you. Hours for the lab can be

found <https://www.stat.uiowa.edu/resources/tutoring/>. A list of paid private tutors can be found on this page as well.

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