The University of Iowa
College of Liberal Arts and Sciences
**Department of Statistics and Actuarial Science**

**STAT:1010 Statistics and Society - Fall 2021**

Lecture A: 12:30-1:20 pm Monday, Wednesday, & Friday, W151 PBB

▷ **General Information**

– *Instructor:* Michelle Larson, 221 SH, 335-0814, `michelle-larson@uiowa.edu`
Drop-In Hours: 6:30pm - 8:30pm Mondays (location TBA),
9:30am - 10:30am Fridays (221 SH),
and by appointment

– *TAs:* Max Sampson, 350 SH, Desk 3, `max-sampson@uiowa.edu`
Drop-In Hours: TBA, and by appointment

– *DEO:* Kung-Sik Chan, 241 SH, 335-0712, `kung-sik-chan@uiowa.edu`

– *Textbook:* Bennett, Briggs, and Triola, *Statistical Reasoning for Everyday Life, 5th ed.*

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

– *ICON/Web:* This course will use ICON powered by Canvas (`http://icon.uiowa.edu`) for announcements, quizzes, homework assignments, etc. Students are expected to check Canvas/ICON regularly.

▷ **Course Objectives**

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

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

▷ **Accomodations**

– Students who require formal accomodations must meet with the instructor individually. Please send email to schedule an appointment before the third week of class.

▷ **Grading**

– *Exams:* There will be 3 midterm exams (20% each) and a final paper(15%). Midterms will be given during class. Exam dates:

* Exam 1: Friday, September 24, 2021, 12:30PM - 1:20PM W151 PBB
* Exam 2: Friday, October 29, 2021, 12:30PM - 1:20PM W151 PBB
* Exam 2: Friday, December 3, 2021, 12:30PM - 1:20PM W151 PBB
* Final Paper: due date TBD

Students are expected to be present for the exams at the *scheduled time*. If you have a legitimate, unavoidable conflict, it is your responsibility to make the appropriate arrangements at least 48 hours in advance. If you miss an exam due to a sudden absence, email the instructor immediately. Note that during exams, students may be asked to place belongings, including electronic devices other than stand-alone calculators, at the front of the room.

– *Homework:* (15% total) Homework will be submitted via Canvas and will be due due each Wednesday at 11:59pm. Because the grader may not have enough time to grade each problem, a subset of the assigned problems will be graded. *Homework that is illegible or not sized appropriately will be given a score of zero.* The lowest two homework scores will be dropped. Students are encouraged to work together on homework but work submitted must be your own. Homework must be written neatly, sized appropriately, and solutions must appear in the order assigned. Please leave sufficient space between problems for feedback notes. Also, drop-in hours are a great place to get help with your homework and meet other students!

- *Online Quizzes:* (10% total) An online (Canvas/ICON) quiz will be given following each lecture. Students will have until the beginning of the next lecture to complete the quiz. *Make-up quizzes will not be allowed.* The lowest four quiz scores will be dropped.

- *Discussion:* (0% total) Students are expected to attend and participate in scheduled discussions. Material will be covered in discussion that will not be provided in lecture.

- Your attendance, participation, preparedness, work ethic, etc. may affect your final grade.

- This course uses the $+/-$ grading system (i.e. grades such as A$-$, B+, and B will be assigned). I do NOT anticipate a curve.

- Grade cutoffs will be no higher than the usual 90 (A-), 80 (B-), 70 (C-), 60 (D-) breakdown.

- Bonus points may be given at any time and may be applied to any part of your grade.

▷ **Extra Help**

- Past students have found Drop-In Hours to be extremely helpful in understanding the course concepts. This time is structured as a study group environment with students sharing insights, working together in groups, and asking questions of the instructor. All students are encouraged to attend, even if you just wish to come and listen to the conversations.

- Students are encouraged to seek help from their TA, the instructor, and/or peers. A list of *non-free* private tutors can be found at `http://www.stat.uiowa.edu/resources/tutoring`. While not specific to our class, graduate students in the *S*tatistics Tutorial Lab may also be able to assist you. Hours for the lab can be found on this same web page.

▷ **Notes**

- Do <u>not</u> miss class. You need to attend every day to succeed in this class.

- Please refrain from eating, using your phone, wearing earbuds, and using other electronic devices during class.

- Success in this class requires a large time commitment. A *minimum* of 10 to 15 hours per week is expected. Review/study numerous times throughout the week.

- Students are encouraged to work lots of practice problems. *Frequently quizzing/testing yourself is the best, most efficient way to learn the material.* Don't memorize; try to *understand*.

- If you are absent from discussion or lecture without prior notice, we will not provide handouts/notes. If you have a one-time issue and you are unable to attend your assigned discussion, please contact the instructor in advance to make alternative arrangements.

- When you are done reading this document, and before the final paper is due, email me a picture of a sailboat for 5 bonus quiz points.

▷ **Academic Misconduct**

- You may work with a fellow student on homework provided you *both do all of the problems* (at which point you can compare methods, approaches, and answers). *Copying another student's homework, partially or in its entirety, will be considered academic misconduct.*

- During exams, you may not talk, whisper, pass notes, view other students' work, allow a fellow student to view your own work (cover your paper!), use class notes, etc. All such actions are considered academic misconduct and will be reported to the UI.

▷ **CLAS and Graduate College Academic Policies** – see attached