

STATISTICS FOR BUSINESS

STAT:1030:0001

Summer 2021 (MTWTh 12:30-2:50 pm; S301 LC)

Instructor: Erin Post (she/her)

Email: erin-post@uiowa.edu

Department Information: Department of Statistics and Actuarial Science, 241 SH; (319) 335-2082

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

Required Textbook: *Business Statistics: Communicating with Numbers, 2nd Ed.* (Jaggia/Kelly)

ISBN-13: 978-0078020551

Office Hours: Tuesday, Wednesday, Thursday 11 am - 12 pm (Location TBD) & by appointment

Course Coverage: We will cover Chapters 1-10 and 14 of the required textbook.

Homework & Reading Assignments: Problems and recommended reading will be assigned from each chapter, with solutions posted on ICON. Homework assignments will not be collected but you are highly encouraged to complete them. Given the pacing of the course, you should expect to do homework daily.

Quizzes: Quizzes will be given most Tuesdays and Thursdays at the end of class. Material through the previous day's lecture will be "fair game". Unless otherwise noted, quizzes are closed note and closed book. The two lowest quiz scores will be dropped from the final calculation of your course grade.

Attendance: Random checks for attendance will be taken throughout the course of the summer. You are responsible for everything we go over in class. Please let me know if you have a conflict and I will do my best to accommodate your situation. Family vacations will NOT be accommodated. This is a fast-paced course and you are expected to attend all classes.

Exams: There will be one midterm and a comprehensive final exam. For the Midterm, you are allowed 1 standard (8.5x11) sheet of notes, formulas, problems, etc. This may be hand-written or typed. You may use an additional sheet (2 total) for the Final. It is recommended that you save your sheet from the Midterm for use during the Final. **Makeup exams may be requested only with written documentation of a university-approved absence.**

Course Notes: Presentation slides and review questions will be posted in advance on Canvas. You need to bring both your textbook and the day's review questions with you to class. Answers to the review questions will not be posted.

Calculators: You may use any calculator in this course (other than one on your phone). A calculator that computes one-variable statistics is highly recommended. Many students like the TI-83 and TI-84 graphing calculators, but these are not required.

Electronic etiquette: Please refrain from using your phones during class. If you need to take a call, text, etc., you are welcome to step out into the hallway.

Exams/Grading:

Midterm: 30%

Final: 35%

Quizzes: 30%

Attendance: 5%

As a rough guide: 90-100% = A, 80-90% = B, 70-80% = C, 55-70% = D. This course uses the +/- grading system.

I reserve the right to give bonus points/offer extra credit opportunities at any time for any part of the grade.

Tentative Schedule:

Week 1 (5/18 – 5/20): Introduction (Ch 1), Descriptive Statistics (Ch 2, 3)

Week 2 (5/24 – 5/27): Probability & Probability Distributions (Ch. 4, 5, 6)

Week 3 (6/1 – 6/3): Probability & Probability Distributions Ctd. (Ch. 4, 5, 6)

MIDTERM EXAM IN CLASS ON THURSDAY 6/3

Week 4 (6/7 – 6/10) Basic Inference (Ch. 7, 8)

Week 5 (6/14 – 6/17) Basic Inference (Ch. 9, 10)

Week 6 (6/21 – 6/24) Regression Analysis (Chapter 14)

FINAL EXAM: FRIDAY 6/25 – LOCATION & TIME TBD

College of Liberal Arts and Sciences: Policies and Procedures

Administrative Home: The College of Liberal Arts and Sciences is the administrative home of this course and governs matters such as the add/drop deadlines, the second-grade-only option, and other related issues. Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall, or see the CLAS Student Academic Handbook.

Electronic Communication: University policy specifies that students are responsible for all official correspondences sent to their University of Iowa e-mail address (@uiowa.edu). Faculty and students should use this account for correspondences. (Operations Manual, III.15.2. Scroll down to k.11.)

Accommodations for Disabilities: A student seeking academic accommodations should first register with Student Disability Services and then meet privately with the course instructor to make particular arrangements. See www.uiowa.edu/sds/ for more information. ~ **Academic Honesty:** All CLAS students or students taking classes offered by CLAS have, in essence, agreed to the College's Code of Academic Honesty: "I pledge to do my own academic work and to excel to the best of my abilities, upholding the IOWA Challenge. I promise not to lie about my academic work, to cheat, or to steal the words or ideas of others; nor will I help fellow students to violate the Code of Academic Honesty." Any student committing academic misconduct is reported to the College and placed on disciplinary probation or may be suspended or expelled (see CLAS Academic Policies Handbook).

CLAS Final Examination Policies: The final examination schedule for each class is announced by the Registrar generally by the tenth day of classes. Final exams are offered only during the official final examination period. No exams of any kind are allowed during the last week of classes. All students should plan on being at the UI through the final examination period. Once the Registrar has announced the date, time, and location of each final exam, the complete schedule will be published on the Registrar's web site and will be shared with instructors and students. It is the student's responsibility to know the date, time, and place of a final exam.

Making a Suggestion or a Complaint: Students with a suggestion or complaint should first visit the instructor, then the course supervisor, and then the departmental DEO. Complaints must be made within six months of the incident. See the CLAS Student Academic Handbook.

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 have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI Comprehensive Guide on Sexual Harassment for assistance, definitions, and the full University policy.

Reacting Safely to Severe Weather: In severe weather, class members should seek appropriate shelter immediately, leaving the classroom if necessary. The class will continue if possible when the event is over. For more information on Hawk Alert and the siren warning system, visit the Public Safety web site