

Mr. Alex Liebrecht
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The University of Iowa
The College of Liberal Arts and Sciences
Fall, 2022

STAT 1020:0DDD Elementary Statistics and Inference

Course meeting time and place: MWF 3:30 – 4:20 p.m. LR2 VAN

Course ICON site: To access the course site, log into [Iowa Courses Online \(ICON\)](https://icon.uiowa.edu/index.shtml)
<https://icon.uiowa.edu/index.shtml> using your Hawk ID and password

Instructor: Alex Liebrecht

Email: alexander-liebrecht@uiowa.edu

Office Hours: Alex Liebrecht: MWF 4:20 – 5:00 p.m. in 219 SH
TAs: TBD

Description of Course: The main objective of this course is to introduce students to basic statistical concepts for summarizing, analyzing and presenting data. Main topics include regression, prediction, probability, estimation, and tests of significance.

Learning Objectives: This course is approved for the general education “quantitative or formal reasoning” requirement. Courses approved in this area have as their primary purpose the development of the analytical powers of the student as they might be exercised in the presentation and evaluation of mathematical or other formal symbolic systems.

Textbook/Materials: *Intro Stats*. 5th edition, by Richard De Veaux, Paul Velleman, and David Bock, 2014.

Calculators: It is recommended that you get a TI-83 or TI-84 for this course. Demonstrations in this class will be done with a TI-84 and *Microsoft Excel*.

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](#). Graduate academic misconduct must be reported to the Graduate College according to Section F of the [Graduate College Manual](#).

Student Complaints: Students with a complaint about a grade or a related matter should first discuss the situation with the instructor and/or the course supervisor (if applicable), 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. Graduate students should contact the CLAS [Associate Dean for Graduate Education](#) and Outreach and Engagement when additional support is needed.

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](#). Graduate students should adhere to the [academic deadlines](#) and policies set by the Graduate College.

Grades: Grade cutoffs will be no higher than the usual 90-80-70-60 breakdown. The course will use the +/- grading system. The A+ grade is used only in extraordinary situations.

Homework (25% of grade): Homework will be assigned and collected on Fridays at 11:59 p.m. using ICON. *Homework should be turned in as a pdf.* Points will be deducted for homework that is not the appropriate file type.

During the semester, there will be two presentations---one on regression and one on hypothesis testing. These will be counted as a “double” homework assignment.

Exams (25/25/25%): Three exams will be given: two midterms and a final. The dates of the exams are TBD.

Date and Time of the Final Exam

The final examination date and time will be announced by the Registrar generally by the fifth week of classes and it will be announced on the course ICON site once it is known. **Do not plan your end of the semester travel plans until the final exam schedule is made public. It is your responsibility to know the date, time, and place of the final exam.** According to Registrar's final exam policy, students **have a maximum of two weeks after the announced final exam schedule** to request a change if an exam conflict exists or if a student has more than two exams in one day (see the [policy](#) here).

Calendar of Course Assignments and Exams

Week	Notes	Assignment	Due Date	Discussion Materials
1	Intro	Intro	8/26/2022	None
2	Unit 1	HW 1	9/2/2022	Unit 1
3	Unit 2	HW 2	9/9/2022	Unit 2
4	Project 1	Project 1	9/16/2022	TA Guided Help on Project
5	Unit 3	HW 3	9/23/2022	Unit 3
6	Exam 1	Exam 1	9/30/2022	Exam 1 Review
7	Unit 4A	HW 4A	10/7/2022	Unit 4A
8	Unit 4B	HW 4B	10/14/2022	Unit 4B
9	Unit 5	HW 5	10/21/2022	Unit 5
10	Exam 2	Exam 2	10/28/2022	Exam 2 Review
11	Unit 6	HW 6	11/4/2022	Unit 6
12	Unit 7A	HW 7A	11/11/2022	Unit 7A
13	Unit 7B	HW 7B	11/18/2022	Unit 7B
14	-	-	11/25/2022	-
15	Project 2	Project 2	12/2/2022	TA Guided Help on Project
16	Final	Final	12/9/2022	Final Review

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 E-mail

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

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](#)