

STAT:3510 (22S:101:AAA) Biostatistics (Fall 2010)

Instructor

Kun Chen, 223 Schaeffer Hall (SH), Phone: (319)-335-2296, Email: kun-chen@uiowa.edu

Office Hours

Office Hours: 1:00 pm - 2:30 pm Mondays and Wednesdays, or by appointment.

Department Information

Department of Statistics and Actuarial Science, 241 SH, Phone: 335-2082.

Departmental Executive Officer

Dale Zimmerman, 241 SH, Phone: 335-0712.

Course Format

Lectures 8:30 am - 9:20 am MWF, 71 SH; No discussion session.

Course Prerequisite 22M:001 (Basic Algebra) or equivalent.

Required Textbook

An Introduction to Biostatistics, 2nd edition, by Glover and Mitchell.

Course Website

Announcements, lecture notes and other course information will be posted on the ICON site.

Course Description and Objectives

To learn some of the basic statistical methods commonly used in the biological sciences, so that you can read, interpret, and evaluate elementary statistical analysis reported in the life science literature.

Grading

Homework	15%
Quizzes	15%
Two Midterm Exams	40%
Final Exam	30%
<hr/> Total	<hr/> 100%

A plus-minus grading system will be used. Grades are earned relative to an absolute standard, not curved. As a **rough** guide: >97%, A+; 88-97%, A; 85-88%, A-; 82-85%, B+; 77-82%, B; 74-77%, B-; 71-74%, C+; 62-71%, C; 58-62%, C-; 50-58%, D; <50%, F.

- Exams: There will be two 50-minute midterms and one two-hour final exam. Calculators may be used for exams, and any necessary statistical tables will be provided. Two 8.5" × 11" formula sheets (both sides) may be used for each exam. If an exam is missed, a make-up exam will be permitted only if the circumstances of missing the exam satisfy university policies.

1. Midterm One: 8:30 am, Friday, October 1
2. Midterm Two: 8:30 am, Friday, November 5
3. Final: 2:15 pm, Wednesday, December 15

- Quizzes: There will be five 15-minute quizzes at the end of class period. Policies on calculators, formula sheets, and make-ups for quizzes are identical to those policies for exams.

1. Quiz One: Friday, September 10
2. Quiz Two: Friday, September 24
3. Quiz Three: Friday, October 15
4. Quiz Four: Friday, October 29
5. Quiz Five: Friday, December 3

- Homework: Homework will be assigned on Fridays and due on the following Friday at the beginning of the class. Unless prior arrangements are made for reasons judged to be acceptable by me, late homework will receive ZERO credits.

Attendance

Attendance is required.

Tutors

A list of independent tutors can be found at www.stat.uiowa.edu/courses/tutors.html.

College of Liberal Arts and Sciences: Policies and Procedures

Administrative Home of the Course 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 in 120 Schaeffer Hall or see the CLAS Student Academic Handbook:

www.clas.uiowa.edu/students/academic_handbook/index.shtml

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

Academic Fraud Plagiarism and any other activities when students present work that is not their own are academic fraud. Academic fraud is a serious matter and is reported to the departmental DEO and to the Associate Dean for Undergraduate Programs and Curriculum. Instructors and DEOs decide on appropriate consequences at the departmental level while the Associate Dean enforces additional consequences at the collegiate level. See the CLAS Student Academic Handbook.

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.

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. www.uiowa.edu/~sds/

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 at www.uiowa.edu/~eod/policies/sexual-harassment-guide/index.html 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. (Operations Manual, IV.16.14. Scroll down to e. h. and i.)