22S:7300 (STAT:203) Fall - 2015

Course policies are governed by the College of Liberal Arts and Sciences. Please visit the url, http://www.clas.uiowa.edu/students/academic_handbook/ in order to get familiar with the following:

i. University policies regarding student rights and responsibilities
ii. University policies regarding academic misconduct

Also, see the appendix to this handout.

Please visit http://www.stat.uiowa.edu/courses/tutors.shtml for a list of independent tutors.

Instructor:

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Classes: 4:30pm - 5:20pm MWF - 74 SH
Office Hours: 1:30pm to 2:30pm MWF
Website: ICON at the url http://icon.uiowa.edu

Department:

Statistics and Actuarial Science, 241 SH, 335-0712.
Chair - Prof. Joseph B. Lang, joseph-lang@uiowa.edu, 335-0712

Goal of this Course:
The goal of this course (and its sequel) will be to provide a strong foundation in Probability Theory. As most popular scientific models of uncertainty are probabilistic in nature, this course will also serve as a foundation for research in many fields including Statistics and Finance. This is the first of a two course series, and both the courses will use the same text with the second course (22S: 204) starting from where the first ends.

The first part of our course will start by covering basic measure theory, especially focusing on those parts that will be needed for our study of Probability Theory. In the second part we will study Law of Large Numbers, and other almost sure convergence results.
Text and the Syllabus:


Tentatively we will cover, Appendix on Measure Theory, and Chapters 1 and 2.

Evaluation System:

Homework - 30%

Assignments are a very important part of this course. Initially you can seek more help from me while doing the assignments with the goal of becoming independent towards the end of the course. I generally discourage discussing problems with your peers before having a solution of your own.

Exams

i. Two In-Class Mid-Term Exams - TBA - 25% each
ii. Final Take Home Exam - 20
College of Liberal Arts & Sciences: Policies and Procedures

* Administrative Home of the Course
The administrative home of this course is the College of Liberal Arts and Sciences, which governs academic matters relating to the course such as the add/drop deadlines, the second-grade-only option, issues concerning academic fraud or academic probation, and how credits are applied for various graduation requirements. Different colleges might have different policies. If you have questions about these or other CLAS policies, visit your academic advisor or 120 Schaeffer Hall and speak with the staff. The CLAS Academic Handbook also contains important CLAS academic policies. http://clas.uiowa.edu/faculty/teaching-policies-resources-syllabus-insert

* Electronic Communications
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.
http://clas.uiowa.edu/faculty/teaching-policies-resources-syllabus-insert

* Accommodations for Disabilities
A student seeking academic accommodations first must register with Student Disability Services and then meet with an SDS counselor who determines eligibility for services. A student approved for accommodations should meet privately with the course instructor to arrange particular accommodations.
www.uiowa.edu/~sds/

* 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.
clas.uiowa.edu/students/handbook

* CLAS Final Exam Policies
The final examination schedule for each class is announced by the Registrar generally by the fifth week 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 have the right to make suggestions or complaints and should first visit with the instructor, then with the course supervisor if appropriate, and next with the departmental DEO. All complaints must be made within six months of the incident. clas.uiowa.edu/students/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. www.sexualharassment.uiowa.edu/

* **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 Department of Public Safety website. police.uiowa.edu/stay-informed/emergency-communication/

* **Student Classroom Behavior**
  The ability to learn is lessened when students engage in inappropriate classroom behavior, distracting others; such behaviors are a violation of the Code of Student Life. When disruptive activity occurs, a University instructor has the authority to determine classroom seating patterns and to request that a student exit the classroom, laboratory, or other area used for instruction immediately for the remainder of the period. One-day suspensions are reported to appropriate departmental, collegiate, and Student Services personnel (Office of the Vice President for Student Services and Dean of Students).

* **Missed Exam Policy**
  University policy requires that students be permitted to make up examinations missed because of illness, mandatory religious obligations, certain University activities, or unavoidable circumstances. Excused absence forms are required and are available on the Registrar web site. www.registrar.uiowa.edu/forms/absence.pdf