22S:203 (STAT:7300) Fall - 2012

Course policies are governed by the **C**ollege of **L**iberal **A**rts and **S**ciences. 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:

Nariankadu D. **Shyamal**kumar (i.e. call me Shyamal pronounced `shá mul` !)
Office: SH 208
Phone: 335-1980
EMail: shyamal-kumar@uiowa.edu

Classes: 12:30pm - 1:45pm TTh - 150 SH
Office Hours: 9:30am to 11:00am TTh
Website: ICON at the url `http://icon.uiowa.edu`

Department:

Statistics and Actuarial Science, 241 SH, 335-0712.
Chair - Prof. Luke Tierney, luke-tierney@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:

Durrett, Rick. Probability: Theory and Examples - Fourth Edition

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

Evaluation System:

Homework - 25%

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

The exams will be closed-book.

i. Two Mid-Term Exams - TBA - 25% each
ii. Final Exam- Check registrar's web-site - 25%

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:
  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 University of Iowa e-mail address (@uiowa.edu). Faculty and students should use this account for correspondences.
  http://www.uiowa.edu/ our/opmanual/iii/15.htm#152

- **Academic Fraud**

  Plagiarism and any other activities that result in a student presenting work that is not his or her own are academic fraud. Academic fraud is reported to the departmental DEO and then to the Associate Dean for Academic Programs and Services in the College of Liberal Arts and Sciences who deals with academic fraud according to these guidelines:
  www.clas.uiowa.edu/students/academic_handbook/ix.shtml

- **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.
  www.clas.uiowa.edu/students/academic_handbook/ix.shtml#5

- **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/

- **Understanding Sexual Harassment**

  Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. Visit www.sexualharassment.uiowa.edu/ for definitions, assistance, and the full policy.

- **Reacting Safely to Severe Weather**

  The University of Iowa Operations Manual section 16.14 outlines appropriate responses to a tornado (i) or to a similar crisis. If a tornado or other severe weather is indicated by the UI outdoor warning system, members of the class should seek shelter in rooms and corridors in the innermost part of a building at the lowest level, staying clear of windows, corridors with windows, or large free-standing expanses such as auditoriums and cafeterias. The class will resume, if possible, after the UI outdoor warning system announces that the severe weather threat has ended.

- **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). University Examination Policies

- **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

- **Final Examinations**

  An undergraduate student who has two final examinations scheduled for the same period or more than three examinations scheduled for the same day may file a request for a change of schedule before the published deadline at the Registrar's Service Center, 17 Calvin Hall, 8-4 M-F, (384-4300).