

- **Instructor** Md. Tuhin Sheikh
 Office AUST 337
 Email mdtuhin.sheikh@uconn.edu
 Office Hours Th 2:00pm – 3:00pm
- **Class schedule** Tu/Th 12:30pm – 1:45pm
 Class type In-person
 Classroom AUST 445
- **Grader** Alokesh Manna
 Office AUST 301
 Email alokesh.manna@uconn.edu
- **Tutoring** <https://stat.uconn.edu/tutoring-schedule/>
- **Textbook** Introduction to probability, 2nd edition
 by Dimitri P. Bertsekas and John N. Tsitsiklis
- **Course Description**

- **Credit:** Three credits.
- **Prerequisite:** MATH 2110 or 2130.
- **Course Material:** Probability set functions, random variables, expectations, moment generating functions, discrete and continuous random variables, joint and conditional distributions, multinomial distribution, bivariate normal distribution, functions of random variables, central limit theorems, computer simulation of probability models. Some parts may be designated as “Read Yourself”.
- **Note:** Students may not receive credit for both STAT 3345 and 3375, or both STAT 3375 and 5585. An Honors conversion in this course may be given upon request by assigning material and problems at a higher level

- **Grading Policy**

Attendance*/Quiz*	5%
Homework	25%
Midterm Exam	30%
Final Exam	40%

*Attendance will be monitored and additional quizzes may be given.

- **Homework** Approximately 10-11 homeworks will be assigned during the semester. Students must submit his/her own work.
 - All homework assignments are to be submitted via HuskyCT. They are supposed to be either written by hand and scanned or typed in Word or PDF. If you are going to write by hand and scan, make sure it is clear to read.
 - Homework assignments submission deadline will be **Thursday night. Please check HuskyCT course website for most recent updates regarding this.**
 - No late submission will be accepted.

- **Exams**

- There will be one midterm exam and one (**cumulative**) final exam. The midterm exam is tentatively scheduled on **October 14th**; the final exam is scheduled in the final examination week (see university schedule).
- The midterm exam will cover the material discussed in Chapters 1, 2 and part of Chapter 3.
- Missed exams cannot be made up unless with documentation of reasons required by University policy.
- Students are required to be available for their exam during the stated time. If you have a conflict with this time you must visit the Dean of Students Office to discuss the possibility of rescheduling this exam. Please note that vacations, previously purchased tickets or reservations, graduations, social events, misreading the exam schedule and over-sleeping are not viable excuses for missing a final exam. If you think that your situation warrants permission to reschedule, please contact the Dean of Students Office with any questions. Thank you in advance for your cooperation.

- **Tentative Course Outline**

- Chapter 1: approx. 2 weeks
- Chapter 2: approx. 2.5 weeks
- Chapter 3: approx. 2 weeks
- Chapter 4: approx. 2.5 weeks
- Chapter 5: approx. 2 weeks

- **COVID-19 Policy**

There is a color coded system in place based on the [COVID dashboard](#). Currently the Storrs Alert Level is ORANGE. This alert level aligns with the Orange protocols identified on the [Covid-19 Gathering Guidelines](#). Students who fail to comply with University policy can be reported to Community Standards. Because this alert level can change at any time referring to University policy/expectations would be most beneficial.

- **Academic Honesty**

Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation.

- **Disabilities**

Disabilities are happily accounted for in this course. If you have any special requirements for lectures, labs, exams, or assignments I will be happy to make the arrangements necessary. However, as per UCONN policy, you must first contact the Center for Students with Disabilities (CSD). Their website can be found here: www.csd.uconn.edu. If you need any special accommodations, I strongly recommend contacting them as soon as possible (read: not the night before an exam) in order to ensure a smooth process. If you do not have the proper documentation from the CSD, then I'm afraid I cannot give any accommodation. Additionally, accommodations will not be made retroactively.

- **Academic Integrity**

The more you collaborate, the better! Statistics is a field in which working in isolation is detrimental to success. That being said, the university policy regarding plagiarism is as always in effect for submitted assignments. You may find the university's policy here:

<https://lib.uconn.edu/about/get-help/writing/plagiarism-resources/>. However, I fully support students collaborating and sharing ideas before forming their own responses for submission.

****The instructor reserves the right to modify the above mentioned dates, policies, and procedures as he sees fit. Please pay attention and keep a look out for any such changes.****