

## Instructor:

-  Nariankadu D. Shyamalkumar
-  Office Hrs: MWF 11:30 - 12:30
-  SH 233
-  [www.stat.uiowa.edu/~nshyamal](http://www.stat.uiowa.edu/~nshyamal)
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## Department:

-  Statistics & Actuarial Science
-  SH 241
-  335-0712
-  Chair: Prof. Kung-Sik Chan
-  [kung-sik-chan@uiowa.edu](mailto:kung-sik-chan@uiowa.edu)

## Class Info:

-  MWF 10:30-10:20
-  SH-74

## Exams:

-  Mid-Term I: Monday, 23rd of Sep.
-  Mid-Term II: Monday, 28th of October
-  Final: Finals Week, date TBD

## TA Info:

-  Hong Beng Lim
-  [hongbeng-lim@uiowa.edu](mailto:hongbeng-lim@uiowa.edu)

## Overview

This is a mathematically rigorous introductory course on asymptotic statistics. Our goal is to cover much of the material presented in the chapters two through nine of the text. Also, I will use parts of Chapter 18 and 19.

## Text and Class Notes

A. W. van der Vaart (2007): Asymptotic Statistics : Cambridge University Press.

Class Notes: Click [here](#) for class notes that are available on hackmd.io. You may have to create a free account to access it.

## Grading Scheme

- 40% Homework: End of Chapter problems will be assigned as assignments. These are likely easier than those you may see on the exam. For such problems, see the class notes. Try these latter problems first before you see their solutions.
- 60% Two Midterm Exams and a Final: 20% each

## College of Liberal Arts and Sciences Information and Policies for Undergraduates

### Absences and Attendance

Students are responsible for attending class and for contributing to the learning environment of a course. Students are also responsible for knowing the absence policies for their courses, which will vary by instructor. All absence policies, however, must uphold the UI policy related to student illness, mandatory religious obligations, unavoidable circumstances, or University authorized activities (<https://clas.uiowa.edu/students/handbook/attendance-absences>). Students may use this absence form to communicate with instructors:

<https://clas.uiowa.edu/sites/default/files/ABSENCE%20EXPLANATION%20FORM2019.pdf>

### Academic Integrity

All undergraduates enrolled in courses offered by CLAS have, in essence, agreed to the College's [Code of Academic Honesty](#). Misconduct is reported to the College, resulting in suspension or other sanctions, with sanctions communicated with the student through the UI email address (<https://clas.uiowa.edu/students/handbook/academic-fraud-honor-code>).

### Accommodations for Disabilities

UI is committed to an educational experience that is accessible to all students. A student may request academic accommodations for a disability (such as mental health, attention, learning, vision, and physical or health-related condition) by registering with Student Disability Services (SDS). The student is then responsible for discussing specific accommodations with the instructor. More information is at <https://sds.studentlife.uiowa.edu/>.

### Administrative Home of the Course

The College of Liberal Arts and Sciences (CLAS) is the administrative home of this course and governs its add/drop deadlines, the second-grade-only option, and related policies. Other colleges may have different policies. CLAS policies may be found here: <https://clas.uiowa.edu/students/handbook>.

### Communication and the Required Use of UI Email

Students are responsible for official correspondences sent to the UI email address (uiowa.edu) and must use this address for all communication within UI ([Operations Manual, III.15.2](#)).

### Complaints

Students with a complaint about a course should first visit with the instructor or course supervisor and then with the Chair of the department or program offering the course; students may next bring the issue to CLAS in 120 Schaeffer Hall. For more information, see <https://clas.uiowa.edu/students/handbook/student-rights-responsibilities>.

### Final Examination Policies

The final exam schedule is announced around the fifth week of classes; students are responsible for knowing the date, time, and place of a final exam. Students should not make travel plans until knowing this information. No exams of any kind are allowed the week before finals. Visit <https://registrar.uiowa.edu/final-examination-scheduling-policies>.

### Nondiscrimination in the Classroom

UI is committed to making the classroom a respectful and inclusive space for all people irrespective of their gender, sexual, racial, religious or other identities. Toward this goal, students are invited to optionally share their preferred names and pronouns with their instructors and classmates. The University of Iowa prohibits discrimination and harassment against individuals on the basis of race, class, gender, sexual orientation, national origin, and other identity categories set forth in the University's Human Rights policy. For more information, contact the Office of Equal Opportunity and Diversity ([diversity.uiowa.edu](https://diversity.uiowa.edu)).

### 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 must uphold the UI mission and contribute to a safe environment that enhances learning. Incidents of sexual harassment must be reported immediately. For assistance, please see <https://osmrc.uiowa.edu/>.