

Econ 120A: Econometrics A

All times listed in this syllabus are in Pacific Daylight Time (PDT). I reserve the right to revise the syllabus and the assessments as the course progresses. Students are responsible for reviewing Canvas announcements regularly for updates.

Course Description

This is the first of three courses in the undergraduate econometrics sequence. It will provide an introduction to statistics and help to learn building blocks for econometric analysis, including descriptive statistics, probability theory, confidence intervals, and hypothesis testing.

Class Meetings Tuesday and Thursday, 8-10:50 am, **Peterson 103**

Discussion Sessions Wednesdays 9-10:50 am, Zoom (<https://ucsd.zoom.us/j/92978160918>)

Teaching Staffs

Bae, Hannah	Instructor	hbae@ucsd.edu
Lin, James	Teaching Assistant	chl029@ucsd.edu

Office Hours

Instructor Monday 9-10am, Zoom (<https://ucsd.zoom.us/j/97709008046>)

Tuesday 4:30-5:30pm, **Econ 126**

Teaching Assistant Friday 8:30-10am, Zoom (<https://ucsd.zoom.us/j/94092941875>)

Prerequisites ECON 1; and MATH 10C or 20C or 31BH

Textbook Anderson, Sweeney, Williams, Camm, Cochran, Fry, Ohlmann, Essentials of Statistics for Business & Economics, Cengage, 9th edition.

Evaluation

- **Attendance 10%**

Class attendance of lectures is required. Students who repeatedly arrives late to the lecture or fails to attend classes more than three times without proper excuse will receive a lower grade. Lectures will NOT be podcasted. Students must write their names on an attendance sheet for each lecture to receive credit. Any false signatures will result in zero attendance grades.

- **Problem sets 15%**

There will be 4 sets of homework, one for each week. Each homework is due **every Tuesday at 7:59 am PDT**, and late submission will NOT be accepted. The lowest homework score will be dropped. Students are encouraged to collaborate but allowed to discuss assignments with at most three other fellow students. When submitting the assignment on Canvas, you must list all individuals' names whom you worked with at the top of the front page. Each student must write up their original works and will receive individual grades. Copying answers from other students' assignments is considered an academic integrity violation.

- **Exams midterm (30%), final (45%)**

Both midterm and finals will take place **in person** and will be a **closed book/notes** exam. The midterm will be taken on July 14th during regularly scheduled class hours. The final will be held on July 30th as scheduled by the university and will be **cumulative**. Students must bring their student ID when turning in your exam. Scientific/graphical/programmable calculator **is NOT allowed in both exams**.

There will be **no makeup exam**. For a review of UCSD policy on missing exams, please visit <https://senate.ucsd.edu/operating-procedures/educational-policies/courses/epc-policies-on-courses/policy-exams-including-midterms-final-exams-and-religious-accommodations-for-exams/>

Regrade Policy

- Deadlines for regrade requests are as follows: July 22th 11:59PM (midterm) and Aug 1st 11:59 PM (final exam). Late requests will **NOT** be accepted. When submitting the request on Gradescope, students must submit a statement of why the answer needs to be re-assessed. We reserve the right to regrade the entire exam if needed. The student's grade could fall/remains unchanged/rise as a result of regrading.

Administrative Issues

- Any students found to be in violation of academic integrity will receive a failing grade for the course and will be subject to disciplinary sanctions from the Council of Deans of Student Affairs. For more information, please refer to

<https://students.ucsd.edu/academics/academic-integrity/index.html>.

- If you have a documented disability, please reach out to me with your documentation as soon as possible so that I can make suitable accommodations for you. Please register with the Office for Students with Disabilities (<https://osd.ucsd.edu/>) if you believe that you may have a disability and will desire accommodation.

Class Schedule

	Mon	Tue	Wed	Thu	Fri	Sat
Week 1	6/27	6/28 Lecture 1	6/29 TA Discussion	6/30 Lecture 2	7/1	7/2
Week 2	7/4 Independence Day	7/5 Problem set 1 due Lecture 3	7/6 TA Discussion	7/7 Lecture 4	7/8	7/9
Week 3	7/11	7/12 Problem set 2 due Lecture 5	7/13 TA Discussion (midterm review)	7/14 In-class midterm (in- person)	7/15	7/16
Week 4	7/18	7/19 Lecture 6	7/20 TA Discussion	7/21 Problem set 3 due Lecture 7	7/22	7/23
Week 5	7/25	7/26 Lecture 8	7/27 TA Discussion (final review)	7/28 Lecture 9 Problem set 4 due	7/29	7/30 Final Exam 8-11am (in-person)

Course Content

Week 1

Chapter 1 Data and Statistics

Chapter 2 Descriptive Statistics: Tabular and Graphical Displays

Chapter 3 Descriptive Statistics: Numerical Measures Data and Statistics

Week 2, 3

Chapter 4 Introduction to Probability

Chapter 5. Discrete Probability Distributions

Week 4, 5

Chapter 6. Continuous Probability Distributions

Chapter 7. Sampling and Sampling Distributions

Chapter 8. Interval Estimation

Chapter 9. Hypothesis Tests

Chapter 10. Inference about Means and Proportions with Two Populations

Time constraints may cause some topics to be omitted.

Resources for Support and Learning

There are a variety of resources available to students at UC San Diego, which are designed to address needs and enhance the student experience. In this section, the course is connected to the broader university community by services and programs for students. If there are resources specific to the course, school, department and/or topic, be sure to include those here.

Learning and Academic Support

[Ask a Librarian: Library Support](#)

[Writing Hub Services in the Teaching +](#)

Chat or make an appointment with a librarian to focus on your research needs

[Course Reserves, Connecting from Off-Campus and Research Support](#)

Find supplemental course materials

[First Gen Student Success Coaching Program](#)

Peer mentor program that provides students with information, resources, and support in meeting their goals

[Office of Academic Support & Instructional Services \(OASIS\)](#)

Intellectual and personal development support

[Learning Commons](#)

One-on-one online writing tutoring and workshops on key writing topics

[Supplemental Instruction](#)

Peer-assisted study sessions through the Academic Achievement Hub to improve success in historically challenging courses

[Tutoring – Content](#)

Drop-in and online tutoring through the Academic Achievement Hub

[Tutoring – Learning Strategies](#)

Address learning challenges with a metacognitive approach

Support for Well-being and Inclusion

[Basic Needs at UCSD](#)

Any student who has difficulty accessing sufficient food to eat every day, or who lacks a safe and stable place to live is encouraged to contact: foodpantry@ucsd.edu | basicneeds@ucsd.edu | (858) 246-2632

[Counseling and Psychological Services \(CAPS\)](#)

Confidential counseling and consultations for psychiatric service and mental health programming

[Triton Concern Line](#)

Report students of concern: (858) 246-1111

[Office for Students with Disabilities \(OSD\)](#)

Supports students with disabilities and accessibility across campus

[Community and Resource Centers](#)

[Office of Equity, Diversity, and Inclusion](#)

As part of the [Office of Equity, Diversity, and Inclusion](#) the campus community centers provide programs and resources for students and contribute toward the evolution of a socially just campus

(858).822-.3542 | diversity@ucsd.edu

[Get Involved](#)

Student organizations, clubs, service opportunities, and many other ways to connect with others on campus

[Undocumented Student Services](#)

Programs and services are designed to help students overcome obstacles that arise from their immigration status and support them through personal and academic excellence
