

ECON 482B: Econometric Theory And Practice

Winter 2022

Course website: <https://canvas.uw.edu/courses/1520018>

Lecture: Monday and Wednesday, 8:30 – 10:20 AM

Instructor: Hyeonseok Park

Email: parkh27@uw.edu

Office Hour: TBD

Disclaimer: This syllabus is tentative and may be subject to change.

In Econ 482B, lecture will be offered online by 1/28. Lectures will be offered live at the regularly scheduled class time from 1/31 unless there are future issues. They will not be recorded but lecture slides will be available for viewing on Canvas. Office hours will be held remotely through Zoom. Assignments must be submitted remotely via Canvas. Exams will be given in-person. There will be two exams. DRS accommodation is required for students to complete the class remotely.

- Additional Information can be found on UW webpage: Covid 19 Recovery Status

Course Description:

This course will discuss the statistical methods for estimating economic relationships, testing economic theories. We will focus on the regression analysis: estimation and inference.

Tentative Course Outline:

- Review of Basic Statistic Concepts
- Single Linear Regression
- Multiple Linear Regression
- The Principle of Hypothesis Testing
- Instrumental Variables and Two-Stage Least Squares
- Heteroscedasticity and Autocorrelation

Prerequisites:

Minimum grade of 2.0 in ECON 300; either ECON 311/STAT 311, MATH 390/STAT 390, or Q SCI 381.

Textbook: Wooldridge Introductory Econometrics, 7th Edition.

Grading Policy: Homework (25%), Exam (75%)

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- Exam: There will be two exams. All examinations will be taken with closed books. Your exams are collectively worth 75% of your grade; The midterm exam is worth 35%, the final exam is worth 40%. All exams are cumulative, but each exam will be heavily based on material covered after the previous one. Detailed information will be posted on Canvas.

Exam date: (Subject to Change)

- Midterm: Mon, Feb 7, 8:30 - 10:20 AM on THO 325.
- Final exam: **Tue**, Mar 15, 8:30 – 10:20 AM on THO 325.

Grading Scale:

The grades in this class are curved. The median of our class is 3.0. In order to observe the consistency in grades across Econ 482 courses, I will follow the grading guideline of the department. For example, the percentage earning a 4.0 or 3.9 grade could be around 7%-8% of students in the course, not more.

Late Policy And Make-up Exams:

No late homework will be accepted. For the midterm exam, no make-up exam will be given, except for excused medical and family emergencies, or UW-sanctioned athletic commitments.

There is no make-up for the final exam. If you miss the final exam due to an unexpected event or an accident, you will have to notify me as soon as possible. If you provide verifiable documentation, you may earn an incomplete grade in the course. Otherwise your grade for the final exam will be zero and I will calculate your course grade based on the zero grade you have earned.

Academic Honesty:

Exams are individual work and cheating will not be tolerated. If a student is seen committing this act, they will be referred to the Office of Student Conduct on campus for a hearing. Cheating of any kind may result in expulsion from the University. The Department will follow University policy in case of academic misconduct. I strongly recommend that you review the Dept. of Economics policy at: <https://econ.washington.edu/policy-academic-conduct>

Students found to have engaged in academic dishonesty will be subject to sanctions, which range from a disciplinary warning to permanent expulsion from the University, depending on the seriousness of the misconduct.

Religious Accommodation Policy: Washington state law requires that UW develop a policy for accommodation of student absences or significant hardship due to reasons of faith or conscience, or for organized religious activities. The UW's policy, including more information about how to request an accommodation, is available at Religious Accommodations Policy (<https://registrar.washington.edu/staffandfaculty/religious-accommodations-policy/>). Accommodations must be requested within the first two weeks of this course using the Religious Accommodations Request form (<https://registrar.washington.edu/students/religious-accommodations-request/>).

Access and Accommodations:

Your experience in this class is important to me. It is the policy and practice of the University of Washington to create inclusive and accessible learning environments consistent with federal and state law. If you have already established accommodations with Disability Resources for Students (DRS), please activate your accommodations via myDRS so we can discuss how they will be implemented in this course.

If you have not yet established services through DRS, but have a temporary health condition or permanent disability that requires accommodations (conditions include but not limited to; mental health, attention-related, learning, vision, hearing, physical or health impacts), contact DRS directly to set up an Access Plan. DRS facilitates the interactive process that establishes reasonable accommodations. Contact DRS at <https://disability.uw.edu>.