

University of Waterloo
Department of Economics
ECON 321 Section 002
Introduction to Econometrics
Fall 2014
MW 1-2:20pm, AL211

Instructor: Emmanuelle Piérard

Office: HH 209

Phone: 519-888-4567 ext. 37712

Office Hours: Mondays and Wednesdays 2:30-3:50pm

Email: epierard@uwaterloo.ca. When emailing the instructor, the subject line of the email must contain ECON 321. You can only email the instructor regarding personal issues, e.g. why you will not be able to attend a midterm. **I will not answer any question about the material or the structure of midterms, the final, etc. through email.** Please use this address rather than the D2L one.

Course Description

An introductory course in the theory and practice of econometrics, focusing on multiple regression analysis and associated topics such as multicollinearity, heteroskedasticity and serial correlation. Simultaneous equation models will also be introduced. (From the undergraduate calendar)

Prerequisites: ECON 221 or equivalent.

Required Text

- Wooldridge, Jeffrey M., *Introductory Econometrics – A modern approach*, 5th edition, 2012, 912 p.

The text is on reserve (3 hours) at the Dana Porter Library. Additional materials may also be put on reserve at Dana Porter Library as the term progresses. The 3rd or 4th editions are acceptable.

Readings Available on LEARN

- I will post class announcements, notes, assignments and other relevant material on the Desire2Learn network (learn.uwaterloo.ca).

Course Requirements and Assessment

Assessment	Date of Evaluation	Weighting
Assignment 1	Wednesday October 1st	5%
Assignment 2	Wednesday October 29th	5%
Mini-project	Wednesday November 26th	10%
Midterm 1	Monday October 6th	15 or 25%
Midterm 2	Monday November 3rd	25 or 15%
Final	During the final exam period in December	40%
<hr/>		
Total		100%

The best midterm individually will be worth 25%; the one on which you will have a lower mark will be worth 15%. In order to pass the course, you must obtain a mark of at least 40% on the final.

Note that there will be a bonus assignment worth 3 marks for this class. More details will be provided later in the term.

Course Outline

Introduction and Review of basic statistics: Chapter 1 and Appendices B & C

Simple regression analysis: Chapter 2

Multiple Regression analysis: Chapters 3, 4, 6 & 7

Specification & data problems: Chapter 8, 9 and 12

Time Series Regressions: Chapters 10 & 11

Instrumental Variables: Chapter 15

Late Work

Assignments are due at the beginning of class on the due date. No assignment will be accepted after the correction of the assignment in class (on the due date) therefore, such assignments will receive a mark of zero.

If you hand in your mini-project late, you will lose 5 percentage points of your grade for the project per calendar day that you are late. If you hand it in on December 17th or after, you will get a grade of zero.

Policies concerning assignments

Collaboration on assignments is highly encouraged but plagiarism is not. You must hand in your own hand-written (except for the computer part) copy of the assignment.

Assignments will contain both an analytic part and a computer based part, for which you must use Stata. If you wish to use a different software package than Stata, you must obtain the agreement of the instructor before doing the assignment. The instructor and TA will not provide any support in the use of other software packages than Stata. Stata can be purchased through a grad plan at lower prices than the list price (please see D2L on this) and is available in some arts computing labs (PAS-1237 and 1098). Stating who you worked with on the assignment is optional. Please use common sense when asking me to re-grade assignments.

Policy on Missed Tests

No make-up tests will be provided. Students who do not have a relevant medical certificate will receive a mark of zero on any missed test and their final grade will be computed in accordance with the formula specified above. For students who miss a test (or more) and have a relevant medical certificate for all tests missed, the weight of the missed test(s) will be transferred to the final. You must provide supporting documentation within 48 hours of the day of the midterm or exam, if you want the weight to be transferred to the final, for midterms, or if you want to write a make-up final, for the final. The instructor reserves the right to deny you these privileges if the documentation is not provided in a timely fashion. The economics department's policy on deferred exams is here: <https://uwaterloo.ca/economics/current-undergraduates/policies-and-resources/deferred-final-exam-policy>

Policy on remarking of Tests

If you feel that your test was not marked properly, you must advise the instructor within 10 calendar days of the test being handed back to the students in class. Note that if you want your test re-graded, I will remark the entire test (your mark may go up or down as a result of this).

Electronic Device Policy

Students who use cell phones during class time will be asked to leave.

The use of recording devices is prohibited during class time. If you have a disability documented by the OPD that warrants the use of a recording device in class, you must provide the documentation proving this in order to be allowed to record classes.

Attendance Policy

Although presence in class is not required, it is highly recommended to attend classes. If you miss a class, you are responsible for making up for it, whatever the circumstances. I

will not answer to emails and phone calls asking for information regarding the material covered in class. During the last 24 hours before a midterm or final, I will not answer to questions concerning material covered in class if you were absent and did not make a reasonable effort to catch up.

Note on the scheduling of midterms, exams and religious holidays

If an exam or midterm falls on the day of a religious holiday that is not observed by the university and you anticipate this to be a problem, you must consult with the associate dean of the faculty of Arts regarding other arrangements. You have 1 week after the announcement of the date of the midterm/exam to make a request of rescheduling based on these grounds (i.e. you have one week after the first class for midterms and one week after the schedule of the finals is publicized for the final exam). This is the University's policy.

Economics Department Deferred Final Exam Policy

Deferred Final Exam Policy found at <https://uwaterloo.ca/economics/current-undergraduates/policies-and-resources/deferred-final-exam-policy>.

Cross-listed course

Please note that a cross-listed course will count in all respective averages no matter under which rubric it has been taken. For example, a PHIL/PSCI cross-list will count in a Philosophy major average, even if the course was taken under the Political Science rubric.

Academic Integrity

Academic Integrity: In order to maintain a culture of academic integrity, members of the University of Waterloo are expected to promote honesty, trust, fairness, respect and responsibility. See the [UWaterloo Academic Integrity Webpage \(https://uwaterloo.ca/academic-integrity/\)](https://uwaterloo.ca/academic-integrity/) and the [Arts Academic Integrity Office Webpage \(http://arts.uwaterloo.ca/current-undergraduates/academic-responsibility\)](http://arts.uwaterloo.ca/current-undergraduates/academic-responsibility) for more information.

Discipline: A student is expected to know what constitutes academic integrity, to avoid committing academic offenses, and to take responsibility for his/her actions. A student who is unsure whether an action constitutes an offense, or who needs help in learning how to avoid offenses (e.g., plagiarism, cheating) or about “rules” for group work/collaboration should seek guidance from the course professor, academic advisor, or the Undergraduate Associate Dean. When misconduct has been found to have occurred, **including writing exams in a section that you are not registered in**, disciplinary penalties will be imposed under [Policy 71 – Student Discipline](#). For information on categories of offenses and types of penalties, students should refer to [Policy 71 - Student](#)

Discipline. For typical penalties check Guidelines for the Assessment of Penalties found at <http://www.adm.uwaterloo.ca/infosec/guidelines/penaltyguidelines.htm>.

Grievance: A student who believes that a decision affecting some aspect of his/her university life has been unfair or unreasonable may have grounds for initiating a grievance. Read [Policy 70 - Student Petitions and Grievances, Section 4.](#) In addition, read [the Student Grievance Process](#) for the Faculty of Arts found at <https://uwaterloo.ca/arts/current-undergraduates/student-support/student-grievances-faculty-arts-processes>.

Appeals: A student may appeal the finding and/or penalty in a decision made under Policy 70 - Student Petitions and Grievances (other than regarding a petition) or Policy 71 - Student Discipline if a ground for an appeal can be established. Read [Policy 72 - Student Appeals.](#)

Other sources of information for students

[Academic integrity \(Arts\) Academic Integrity Office \(uWaterloo\)](#)

Accommodation for Students with Disabilities

Note for students with disabilities: The [AccessAbility Services office](#), located in Needles Hall Room 1132, collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodations to lessen the impact of your disability, please register with the AS office at the beginning of each academic term.