

## Brief Course Outline

**Course Title:**

**Research Methods**

**Course Number and Section:**

ECONOMIC

3313E 550

**Instructor Name(s):**

Ozden Sungur

**Instructor Email(s):**

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Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

### Course Description:

Economics 3313E is a full-year course designed to cultivate students' technical and quantitative abilities for applied economic research. First term will start with a review of linear regression techniques and their application to real-world problems. A number of nonlinear regression functions will also be discussed. The first part of the course will conclude with a discussion of issues pertaining to the assessment of econometric analysis based on multiple regression. The second portion of the course will introduce students to further topics in regression analysis.

### Learning Outcomes:

To relate econometric theory to practice through use of real-world problems and data

To have good knowledge of the tools of regression analysis and the ability to apply them to economic data

To be able to critically evaluate empirical research

To be able to communicate research results through project reports as well as oral presentations

### Textbooks and Course Materials:

Stock, James H. and Mark W. Watson, Introduction to Econometrics (Fourth Edition), Addison-Wesley, 2019

### Methods Of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Midterm Exam		15
Research Proposal		10
Written Report and Presentation		25

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.

Monday, August 26, 2024