

191A-B: Senior Essay Seminar, Fall 2016, Winter 2017¹

These classes will help you apply the tools you have learned in your core and elective coursework to (1) do your own research (to move from being a *consumer* of research to a *producer* of research) and (2) critically assess others' research.

Texts:

- Strunk & White, *Elements of Style*
- William Thompson, *A Guide for the Young Economist*

Goals:

- For you to learn how to present your ideas, both written and orally.
- For you to learn how to ask, research, and answer a question.
- For you to learn how to listen to other people's ideas, ask insightful questions and provide useful comments/suggestions.

Conducting a Research Project (based on Ashenfelter, Levine, Zimmerman, "Statistics and Econometrics")

1. Ask a question (and think about why the answer to your question is important).
Make sure your question is not too broad!
2. Find out who else has asked your question (or a similar one). How did they go about answering it – what were the strengths/weaknesses with their approach? Look for articles at JSTOR, NBER, Econlit, Google Scholar, Google search but add following condition "site:.edu" or "site:.gov".
3. What can you add to the literature? This is a must for a PhD in economics. GREAT if you can do this as undergrads. Is your research original enough, well documented enough, reliably valid? If so, it is publishable.
4. What is the answer to your question or what is the most you can conclude given your research? What avenues do you see for future research?
5. Your model is an article or note in *American Economic Review*, *Journal of Economic Perspectives*, *Quarterly Journal of Economics*, *Journal of Political Economy*

The Department of Economics at Princeton University requires all their undergraduate majors write a senior thesis and they have an outstanding and extensive website regarding the writing of a senior thesis. I highly recommend that you review "Senior Thesis Program Handbook" at economics.princeton.edu/sites/economics/files/media/senior_thesis_handbook.pdf.

An all around useful web site, created by Bill Goffe, is Resources for Economists on the Internet, at <http://www.aeaweb.org/RFE/>

¹ Based on an outline due to Dr. Melissa Famulari.

The UCSD Economics Library resource guide, prepared by librarian Adele Barsh, abarsh@ucsd.edu, is at <http://ucsd.libguides.com/econguide> .

Meeting other Faculty

You should meet the faculty member(s) with interests most similar to your own, based on your research topic. We will talk more about this as you start working on your research topics the first few weeks of class. There are many benefits of meeting early in your project: getting helpful early guidance and possibly really getting to know one of our professors. There are also costs: you may use up a valuable visit (faculty time is very scarce) and learn information you could have easily figured out on your own.

Presentations

1. Early in the Fall quarter, you'll present a review of the literature in your area. Frame the question; report on prevailing (and differing if any) schools of thought. For empirical work, explain data sources.
2. In the last month of the first quarter, you'll present a preliminary view of your research. Aim at 15 minute presentations with 5 minutes of questions and discussion. This is an opportunity to present your work and get feedback from the entire class and me on your research ideas.

Written papers

A preliminary draft of your paper is due toward the end of the Fall quarter, Friday, December 2. It is preliminary --- some sections will be in outline. Some will just be section titles with the content to be filled in during the coming quarter. We will hold paper conferences soon thereafter. First drafts of papers will be due mid-Winter quarter, followed by more paper conferences and final drafts of papers due during the last week of classes of the Winter quarter. **This is a demanding schedule. Time is short. Do not wait until shortly before a paper is due to start writing --- that way lies disaster.**

Grading

Grades are assigned for the full 2-quarter sequence. The grade recorded at the end of Fall quarter is "IP," "in progress." Dropping the course by the end of the ninth week in the Fall results in the notation "W." Dropping the course in the Winter quarter may result in a grade of "F" (at least for the Fall) --- **don't do this.**

Class Attendance

Attendance is required at all TuTh class meetings.

Paper Topics

Students in the Senior Honors Essay seminar choose their own research topics. There's an amazing breadth and they have pursued them remarkably successfully. In previous years, several concentrated on financial markets: What is the effect on the markets of high frequency trading by hedge funds using computerized trading schemes? Can an investment strategy based on the opinions of leading individual investors or mutual funds outperform the averages? And microfinance --- how successful is small scale lending to the poor of less developed countries? Others concentrated on sporting events: How does the variability of a baseball player's

performance affect his salary? Remarkably, variability may command a premium! How do major sporting events (the Olympics, World Cup) affect tourism in the host country in following years?

Others looked at money and macroeconomics: How does entering the labor market during a recession affect lifetime earnings? How do floating versus fixed exchange rates affect the economic success of countries during the recent financial crisis? What makes 'Bitcoin' valued? Will 'Bitcoin' collapse?

There are policy and applied economics questions: How does the defense budget affect the growth of the US economy? What are the economic determinants of individual's willingness to pay for greenhouse gas abatement? Offshoring and outsourcing production by US firms. US charities --- how are they supported, how do they choose their specialty? Child care costs and mothers' labor market participation. Conspicuous consumption. Estimating hospital cost functions and quality of care.

Topic in experimental economics: in a game theoretic setting requiring co-operation, how does the match or mismatch between one player's gender and ethnicity and those of his/her teammate affect levels of co-operation. Surveying students' internet download of copyrighted material.

The Chinese economy: How do government policy actions affect residential real estate prices in major cities? How do they affect the pace of economic growth?

Economic Theory: A mathematical model of interbank lending and default. Modeling demand for addictive commodities.

Thinking and writing like an economist

Household utility- and firm profit-optimizing behavior

Market equilibrium

Allocative efficiency

External effects

Public goods

Econometric analysis to demonstrate statistical significance of results

Understanding your data

Understanding your econometric model

Citing your sources

Fully cite the sources in your research. When you write a passage in your paper taken from a source, distinguish the quotation by punctuation (quotation marks or indentation or both) and cite the source. When you paraphrase, cite the source. Correctly and fully attribute quotations.

Using others' written work without citation is **plagiarism**. Academics really despise and penalize plagiarism. Papers will be reviewed for unattributed sources using Turnitin.com.

Academic freedom

Academic freedom doesn't just apply to the professor. It's your freedom too! We're here to have discussions using the tools of economic analysis. Some topics may be controversial. We'll deal with them unrestrained, while being respectful of each other and of others' views.