

# Syllabus

UCLA - Econ 221 - Fall 2018

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## Main Information

**Lectures.** Tuesdays, 5:05-7:25pm. Bunche Hall 9383.

**Office hours.** Email me for an appointment.

**Website.** <https://moodle2.sscnet.ucla.edu/course/view/18F-ECON221A-1>.

**Grading.** First, I will ask you to replicate two empirical macro or/and finance papers, using publicly available data (e.g. national accounts, Compustat, CRSP, Nielsen Scanner data, other WRDS material, etc.), but for which the replication code was not made available online by the authors (or not fully). I shall give you a list of papers among which to choose at the very beginning of the quarter. See the preliminary timetable [Spring-2018-221B] for deadlines. I believe that the best way to learn empirical methods in macroeconomics and finance is to “get your hands dirty”, and practice working with data. The first replication exercise will count towards 40% of your final grade, and the second will count towards 40%. Second, I will ask you to present a recent paper in empirical macroeconomics during the last two lectures. (30 minutes each) Again, I will give you a list from which to choose. This will count towards 20% of your final grade.

**Course outline.** This course will follow an inductive, or bottom-up, approach. Whenever possible, I will start from the facts, and review different theories in light of these facts. I will particularly emphasize empirical observations that have not been explained by currently discussed theories. My hope is that you will find here some inspiration for a dissertation topic. The course will constitute of four parts:

1. **Evidence-based macroeconomics (4 topics).** The first part of the course will introduce you to empirical methods in macroeconomics. We will discuss identification in macroeconomics through structural, narrative, and cross-sectional approaches; and compare the merits of these various approaches. These methods will be used throughout the rest of the class.
2. **Consumption, Investment, the Trade Balance and Asset Pricing (5 topics).** The second part of the class will be structured around empirical “puzzles”, which cannot be explained with neoclassical theories of consumption, investment, the trade balance and asset pricing (including exchange rates).
3. **Low interest rate macroeconomics (4 topics).** The third part will present evidence in favor of the “savings glut” hypothesis, and present overlapping-generations and some other models of “underconsumption”. I will also discuss issues of secular stagnation, competitiveness and external balance.
4. **Heterogeneity and macroeconomics (4 topics).** Finally, the last part of the course will focus on evidence and models of firm size and productivity heterogeneity, the labor income distribution, etc. I will finally cover some static optimal taxation.

**Textbooks.** I will assume that you have basic knowledge of first year macroeconomics and finance, which can be found in many different textbooks. For macroeconomics, I would recommend:

- Romer, David. Advanced Macroeconomics. McGraw-Hill Education, 2011. [Link](#)
- Galí, Jordi. Monetary Policy, Inflation, and the Business Cycle: An Introduction to the New Keynesian Framework and Its Applications, Second Edition. Princeton University Press, 2015. [Link](#)
- Blanchard, Olivier Jean, and Stanley Fischer. Lectures on Macroeconomics. Vol. 12. 3. Cambridge, MA: The MIT Press, 1990. [Link](#)

If you are interested in how macroeconomics is used in practice, I strongly recommend:

- Bénassy-Quéré, Agnès, Benoît Coeuré, Pierre Jacquet, and Jean Pisani-Ferry. Economic Policy: Theory and Practice. Vol. 53. 9. Oxford, New York: Oxford University Press, 2013. [Link](#)

For finance, I would advise two excellent and complementary textbooks:

- Campbell, John Y. Financial Decisions and Markets: A Course in Asset Pricing. Princeton University Press, 2017. [Link](#)
- Cochrane, John H. Asset Pricing (Revised Edition). Princeton University Press, 2009. [Link](#)