

Tim Bresnahan, tbres@stanford.edu
Liran Einav, leinav@stanford.edu

Economics 260, Industrial Organization III Spring 2017

Course overview

This is the last course in the industrial organization (IO) sequence. We cover selected topics of recent interest in industrial organization, with an emphasis on transitioning students into research. We strongly recommend the class to students in the economics department who intend to write theses or publish papers in industrial organization. The class may also be useful for students working in other applied fields who wish to learn about the various approaches to economic questions and empirical methods used in IO. We view this class as having as its main goal helping you write an initial research paper in the field. Course requirements are focused on turning students into scholars through active, enthusiastic and well prepared class participation, research presentations, and a term paper.

There is a considerable change in process and focus from the earlier courses in IO, and the course has a number of active-researcher deadlines for students. In this class, students will build the skills needed to pursue a research project in IO, including broad topic identification, narrowing it to a researchable question, constructive criticism of the existing literature, identification of theoretical ideas that are relevant, location and procurement of data, construction of a relevant model, and drafting of research proposals and early versions of papers. The organizational model of the course is learning-by-doing.

Students should come to the organizational meeting (the first class, on Tuesday, April 4th) with the following:

- A broad topic area in which they plan to research, and the beginnings of a research question. Be prepared to explain these to the class.
- A paper or short list of papers from the research literature(s) relevant to the topic, suitable for presentation and discussion in class.

We've divided the quarter into two main segments. The first set of classes will be discussions led by students, and then as needed by Tim and Liran, on recent research papers salient to your research proposals. The second segment will be presentations by students about their own research projects. We will schedule time to meet with you one-on-one in connection with your presentations.

Writing a term paper is central to the process of converting into a scholar. We have put in place a structured process for writing a term paper with due dates described below.

Detailed Class Schedule

(preliminary; to be adjusted based on number of students)

The class meets on Tue, Thu 1:30-3:20pm at Room 139, in (outside) the Economics Building. We have also reserved Friday, 1:30-3:20pm (same room) for additional/replacement meetings (please make sure to note the relevant Fridays on your calendars).

Tue, April 4: Organizational Meeting (NOTE: HOMEWORK DUE AT THIS MEETING)

Thu, April 6: One-on-one meetings during the afternoon to discuss paper topics (we will post a link to a Google Doc sign-up sheet)

Presentations of existing papers in the literature by students (and then as needed by Tim and Liran) (we may schedule more dates, depending on number of students):

Tue, April 18
Thu, April 20
Fri, April 21
Tue, April 25
Thu, April 27
Fri, April 28

Presenters: be sure to distribute a link to the paper you will present a week in advance to all course participants and to distribute your slides 24 hours in advance (12 hours is not 24 ...). Non-presenters, be sure to have read the paper and to discuss in detail.

Tue, May 2: One-one meetings to discuss paper proposals

Tue, May 16: One-on-one meetings to discuss draft papers

Presentations of Student Research Papers:

Tue, May 23
Thu, May 25
Fri, May 26
Thu, June 1
Fri, June 2
Tue, June 6

Presenters: be sure to distribute a link to the paper you will present a week in advance to all course participants and to distribute your slides 24 hours in advance (12 hours is not 24 ...). Non-presenters, be sure to have read the paper and to discuss in detail.

Sun, June 11: Term paper due (no extensions!)

Deadlines

Tuesday, April 4: see above

Wednesday, April 5, by midnight (remember to bring a copy to your April 6 meeting). One page description of your likely paper topic. Ideal content includes (i) a description of the topic area; (ii) a specific research question, not yet answered; (iii) a description, with cites, of the literatures that came closest to answering the question; and (iv) a specific suggestion of either data suitable for estimating a model answering the question or a conjectured theorem.

Monday, May 1, by midnight (remember to bring a copy to your May 2 meeting). Detailed paper proposal. Progress relative to the earlier description should include (i) a careful statement of what has been accomplished in the earlier research literature(s) and why that does not answer the question at hand, and either (ii.a) reporting the mean of the dependent variable(s) for an empirical project, or (ii.b) a proof of the conjectured theorem.

Monday, May 15, by midnight (remember to bring a copy to your May 16 meeting). “Draft” of a term paper. At this point, you should turn in or email a complete set of slides for your upcoming presentation in class, and have sketched out a very rough draft of the paper, which could be in bullet point form.

Sunday, June 11, by midnight. Paper due, no exceptions.