

2015-2016 ITV Course Schedule

Fall 2015:

"Formal Models of International Relations" - Professor Andrew H. Kydd

Fridays: 12:00 pm to 2:00 pm Eastern Time, 11:00 am to 1:00pm Central Time

Email: kydd@wisc.edu

[Course Syllabus](#)

Description: The purpose of this course is to survey applications of game theory to international relations and further develop students' game theoretic modeling skills. Students should have some familiarity with both game theory and international relations theory. The course is organized loosely by substantive topic. We will cover cooperation, bargaining, the origins and termination of war, multilateral politics, and the impact of domestic politics on international relations. The main project will be a paper containing a model. Two drafts of the paper will be handed in and graded independently. In addition there will be a few problem sets.

Dates: September 11, 18, 25, Oct. 2, 9, 16, 23, 30, Nov. 6, 13, 20, Dec. 4, 11.

Spring 2016:

"Time Series - 2 modules" - Instructor Janet Box-Steffensmeier, John Freeman, Jon Pevehouse

Fridays 12 pm - 2 pm EST, 11 am - 1 pm CST

Email: steffensmeier.2@osu.edu; freeman@umn; pevehouse@polisci.wisc.edu

Description: This course studies statistical techniques used to analyze social processes occurring through time. We begin by discussing social problems that are inherently dynamic in nature and also how time series are measured. We then review the calculus of finite differences. We move next to the study stationary ARMA models, "reduced form" methods (granger causality and vector autogression), unit root tests, near-integration, fractional integration, cointegration, and error correction models. Time series regression is briefly discussed. We address not only how to construct these models but also how to use time series models in social science analyses.

DATES: Jan. 22, 29, Feb. 5, 12, 19, 26, March 4, 11, March 18 - no class, March 25 - no class, April 1, April 8 - MPSA No Class, April 15, April 22.