POLS 507: Research Design & Data Collection
Jeff Staton, Thursday 8:30am - 11:30am, MAX: 8

Content: This course is designed specifically for students in their first year of the Ph.D. program. It provides an introduction to the discipline, the philosophy of science and research design.

Texts: No texts required.

POLS 508: Mathematical Tools for Political Scientists
Miguel Rueda, Friday 10:00am – 1:00pm, MAX: 8

Content: This course provides a rigorous introduction to the mathematical tools and concepts that are needed to conduct quantitative and formal theoretical research in political science. The course starts by covering basic concepts of analysis in the real line and multivariate calculus. The second part of the course focuses on linear and matrix algebra, and the last gives an introduction to probability theory. Familiarity with these topics is essential for students who wish to become empirical researchers or formal modelers. Because of this, this course is a prerequisite for all other coursework in methods and formal theory. Knowledge of elementary algebra, equation solving, and graphs is expected.

Texts: No texts required.

POLS 514: Advanced Game Theory
Pablo Montagnes, Wednesday 1:00pm – 4:00pm, MAX: 8

Content: This course is the second in the formal theory sequence offered in the political science department. The class builds on the skills learned in the Introduction of Game Theory class by applying the solution concepts learned in the introductory course to more complicated games. The course will address many topics, including (but not limited to): bargaining, principal-agent relationships, and global games.

Particulars: Each student will be responsible for completing a problem set every other week that reinforces the techniques learned in class. There will also be a midterm and a final exam.

Texts:
Osborne, Martin J. 2003. An Introduction to Game Theory.
Oxford University Press.
**POLS 520 Comparative Government**
Jennifer Gandhi, Thursday 1:00pm – 4:00pm, MAX: 8

**Content:** This course is an introduction to important concepts, themes, and approaches in the comparative study of politics. The course is organized thematically with two goals in mind: first, to enable students to understand the intellectual trajectory of the study of these topics and second, to expose them to research frontiers in these areas. The expectation is that students will complete the course not only with a better understanding of the comparative subfield as a whole, but also with their own ideas for further research.

**Texts:** To be determined.

**POLS 540 American Government & Politics**
Tom Clark, Tuesday 8:30am – 11:30am, MAX: 8

**Content:** General survey of classic and recent research on major questions in American politics research. Topics include public opinion, mass media, voting and participation, elections, institutional theories, Congress, the Presidency, the bureaucracy, the judiciary, and inequality. The development of areas of research will be stressed, along with the theoretical frameworks dominant in substantive areas of inquiry.

**Texts:**
ISBN: 9780521407861
Cambridge University Press.

Prior, Markus. 2007.
Post Broadcast Democracy.
ISBN: 9780521675338
Cambridge University Press.

Pivotal Politics: A Theory of U. S. Lawmaking.
ISBN: 9780226452722
University of Chicago Press.

Setting the Agenda.
ISBN: 9780521619967
Cambridge University Press.
POLS 570 Limited Dependent Variable Models
Adam Glynn, Monday 1:00pm-4:00pm, MAX: 8

**Content:** This course presents an overview of the likelihood theory of statistical inference, and its wide range of uses in applied quantitative political science. When dependent variables take the form of ordered or unordered categories, event counts, are censored or truncated, clustered, or otherwise violate the traditional assumptions of the linear regression model, models estimated by maximum likelihood provide an essential alternative. Topics covered include binary, multinomial, and ordered logit/probit, Poisson regression, Tobit regression, and mixture models. We will rely heavily on computational methods of analysis using the R statistical computing environment, and instruction on how to use R for applied research will be provided throughout the length of the course.

**Texts:**
Princeton University Press.

POLS 585 1-SEM Variable Topics Seminar
**Topic/Title:** Security
Shawn Ramirez, Monday 9:00am – 12:00pm, MAX: 8

**Content:** This course introduces graduate students to security, conflict and peace studies literature in studying interstate and civil war. Topics include causes of war, collective violence, inequality, resources, globalization, leaders, conflict resolution, peace agreements, and state building. Students will become familiar with a variety of methodological approaches as applied to conflict and develop their own research projects. This is one in a two-course sequence alongside Conflict. There are no formal prerequisites for this course, but it is strongly advised that students have taken POLS 510.

**Texts:** To be determined.

POLS 585 2-SEM Variable Topics Seminar
**Topic/Title:** Democratic Political Theory
Benjamin Hertzberg, Thursday 1:00pm – 4:00pm, MAX: 4

**Content:** This course offers a comprehensive survey of normative and theoretical approaches to democracy. We will examine the moral and philosophical questions democracy raises as a political regime and institution, investigating the best definition of democracy, the question of its moral justification, and particular difficulties to which it is subject today, including issues
of race, class, and gender. Readings come from both historical texts and ongoing contemporary philosophical debates.

Texts:

Cambridge University Press.

Princeton University Press.

Cambridge University Press.

Oxford University Press.

University of California Press.

POLS 585 3 SEM: Variable Topics Seminar

**Topic/Title: Interdisciplinary Perspectives on Human Rights**

David Davis, Edward Queen, Dabney Evans, Wednesday 1:00 – 4:00pm, MAX: 8

**Note:** This course is also being taught as Global Health 526

**Content:** This graduate seminar, open to students from the Graduate School, the Law School, and the School of Public Health, examines the theory and practice of global human rights from an interdisciplinary perspective. In addition to issues of the history, origins and legitimacy of universal human rights, the seminar will discuss standards, institutions and processes of implementation. The seminar will also examine human rights across a variety of substantive issues areas, including: conflict; development; globalization; social welfare; public health; and rights of women and other vulnerable groups.

**Particulars:** Evaluation will be based on seminar participation, a series of short thought papers and major research paper. Students will also make brief presentations of their final papers.

**Texts:** No texts ordered.