POLS 507: Research Design and Data Collection
Jeff Staton, Friday 1:00 – 4:00pm, 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 – Political Scientists
Miguel Rueda, Monday & Friday 10:30am – 12:00pm, 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 510: World Politics
Dan Reiter, Wednesday 1:00 – 4:00pm, MAX: 8

Content: This is the introductory course to international relations for political science graduate students. The emphasis is theoretical, covering issues such as international conflict, decision-making, trade, and system structure. The class uses a discussion format.

Particulars: One exam; several short papers. All students other than political science graduate students must receive permission from the instructor.

Texts:
Mearsheimer, John. 2014.
The Tragedy of Great Power Politics.
ISBN: 9780393349276
W.W. Norton & Company, Inc.

Russett, Bruce M. 2000.
Triangulating Peace.
ISBN: 9780393976847
W.W. Norton & Company, Inc.

POLS 514: Advanced Game Theory
John Patty, Tuesday & Thursday 10:00 – 11:15am, 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 signaling games.

**Particulars:** Each student will be responsible for completing 5 problem sets that reinforce the techniques learned in class. There will also be a midterm and a final exam.

**Text:**
Tadelis, Steven. 2013. *Game Theory: An Introduction*  
ISBN: 9780691129082  
Princeton University Press.

POLS 519: International Political Economy
Eric Reinhardt, Wednesday 9:00am – 12:00pm, MAX: 8

**Content:** This is an advanced graduate course on international political economy. The course covers the politics of international trade, investment, and finance. Topics of special interest are the instruments of trade policy; pluralist and institutionalist domestic explanations of trade policy; international bargaining over trade; regional and multilateral trade institutions; the politics of international capital mobility, foreign direct investment, exchange rates, and foreign debt; the politics of financial crises; and regional economic integration.

**Particulars:** class participation, papers, final exam

**Texts:** No texts ordered.

POLS 520: Comparative Government and Politics
Jennifer Gandhi, Thursday 1:00 – 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.
POLS 570: Limited Dependent Variable Models  
Adam Glynn, Monday 1:00 – 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:  

POLS 585 SEM: Variable Topics Seminar  
Topic/Title: Political Institutions  
Tom Clark, Tuesday 1:00 – 4:00pm, MAX 8

Content: This course is designed to introduce students to the theoretical problems that institutions address and substantive illustrations of those problems. The class begins with an overview of current approaches to research on institutions and continues with a more detailed focus on specific social problems institutions are designed to solve, such as delegation, collective action, and preference aggregation. For each theoretical problem, the course will cover substantive applications from across the various subfields in political science. Additional issues, such as institutional change and endogeneity, not covered in detail will be introduced at the end of the course.

Text:  
No texts ordered.

POLS 585 SEM: Variable Topics Seminar  
Topic/Title: Interdisciplinary Perspectives on Human Rights  
David Davis, Edward Queen, Dabney Evans – Wednesday, 1:00 – 4:00pm, MAX: 5

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.

**POLS 585 SEM: Variable Topics Seminar**
**Topic/Title: Bureaucracy Politics**
Alex Bolton, Wednesday 1:00 – 4:00pm, MAX: 8

**Content:** This course examines bureaucratic politics and policymaking in a variety of contexts. Three questions will dominate the course: (1) What drives the development of the administrative state and state capacity?; (2) Why and when do we delegate to bureaucratic agencies?; and (3) To whom is agency policymaking responsive (if anyone)? Topics to be covered include the development of the administrative state and state capacity; the political and economic causes and consequences of state capacity; political control over the bureaucracy as well as the development and exercise of bureaucratic autonomy and its impact on policy outcomes; rationales for delegation to bureaucratic actors; interest group influence and regulatory capture; measuring characterizing bureaucratic preferences; organizational approaches to understanding bureaucratic decision-making; and the politics of privatization. The primary focus of the course will be on the United States, but we will also engage with significant work from other contexts on each of these topics. Students will be encouraged to apply the tools of institutional analysis to topics of interest to them within the field of bureaucratic politics.

**Texts:** No texts ordered.