

First Year Sequence

PPOL 521 [Understanding Social Research]

- Social science as science? Nature of inquiry, etc.
- Hypotheses, Theory, Induction/Deduction
- Quantitative v. Qualitative
- Variables, causality; causal diagrams
- Controlling for a variable (introduction; table interpretation)
- Measurement, Units of Analysis
- Sampling – logic of
- Surveys – instruments, assessment
- Writing in the Social Sciences

ECON 524 [Econometrics]

- Basic statistical concepts
- Simple regression
- Multiple regression
- Note: Teaches STATA

PPOL 524 [Applied Research Methods]

- Client relations
- Practical research design
- Practical experience
- Reporting out to client

Either

PPOL 523 [Qual Research Methods]

- Ethics, Research Design; IRB
- Sampling
- Data Collection
- Observation
- Data Management & Analysis
- Presentation of Data & Writing About Qual Research
- Validity in Qual Research /

PPOL 522 [Conducting Social Research]

- Linear regression
- Data Management
- Logistic Regression
- Poisson and Neg Binomial Regression
- Ordinal Logistic Regression
- Multinomial Logistic Regression
- Note: Uses STATA

Advanced Methods Courses

PPOL 628 [Advanced Qualitative Methods]

- Understand competing research paradigms
- Design and carry out qualitative research project (focus on interview, observation)
- Critically assess validity of qualitative research
- Introduce mixed and novel methods

PPOL621 [Advanced Quantitative Methods]

- OLS (inc. least squares, method of moments, and maximum likelihood derivations)
- power analysis
- instrumental variables estimation
- regression discontinuity design
- selection models
- difference in differences

PPOL 622 [Advanced Policy Analysis]

- Poisson and negative binomial regression
- Tobit regressions and zero-clustering
- Time series (static and dynamic models)
- Panel analysis for linear and logistic regression
- Note: Uses STATA