



JUNIOR INDEPENDENT WORK HANDBOOK

Class of 2023

Updated August 2021

This handbook describes the economics department's junior independent work (JIW) program and includes requirements and guidelines for the preparation of a prospectus and junior paper. You are expected to be familiar with its contents. It will answer many of your questions and will help you avoid misunderstandings as you prepare your paper. If you are uncertain about any aspect of the program, please contact:

Christina Lipsky

Undergraduate Program Manager

114 JRRB

lipsky@princeton.edu

Questions on forms & surveys

Lukas Althoff

JIW organizer

lalthoff@princeton.edu

Attendance-related questions

Your faculty advisor and AI

Research-related questions (assigned in early September)

Professor Kelly Noonan

JIW faculty director

222 JRRB

knoonan@princeton.edu

All other questions

Table of contents

1. INTRODUCTION	2
2. CLASS LECTURES AND WORKSHOPS	4
LECTURES	4
WORKSHOPS	5
3. ADVISING GROUPS AND MEETINGS.....	8
REQUESTING AN ADVISING GROUP.....	8
ADVISING GROUP MEETINGS.....	9
4. FACULTY ADVISORS AND AIS	10
FACULTY ADVISORS AND THEIR RESEARCH INTERESTS.....	10
JIW FACULTY DIRECTOR	14
JIW ORGANIZER	14
JIW ASSISTANT INSTRUCTORS (AIs).....	15
5. IMPORTANT SUBMISSION DEADLINES	156
6. JIW SCHEDULE CLASS OF 2023	17
7. GRADING.....	17
THE PROSPECTUS.....	19
THE PAPER.....	20
ATTENDANCE	22
PARTICIPATION.....	22
GRADING WEIGHTS	23
8. SUBMISSION REQUIREMENTS	23
9. EXTENSIONS AND PENALTIES	24
10. ACADEMIC INFRACTIONS AND ACADEMIC FRAUD	24
11. A NOTE ON DATA.....	24
12. RESEARCH INVOLVING HUMAN SUBJECTS	25
13. JUNIORS STUDYING ABROAD	25
14. POLITICAL ECONOMY CONCENTRATORS	25
15. EXEMPLARY PROSPECTUSES AND JUNIOR PAPERS.....	25

1. Introduction

Welcome to the Department of Economics

Juniors in our department undertake a yearlong research project, with two work products to be submitted for a grade. During the fall term, students investigate a topic and write a **prospectus** for a research project. This prospectus will be **due Monday, December 6, 2021 by 11:59 P.M. (EST)**. The junior paper (JP) builds on the prospectus and is written in the spring term. The **JP** will be **due Monday, April 18, 2022 by 11:59 P.M. (EST)**.

How Junior Independent Work is structured

We think of the JP as a scaled-down version of the senior thesis. Students are expected to conduct original research and gain knowledge of the substantive topics they study. However, the JPs are significantly shorter and typically less ambitious than a senior thesis. The focus is on training students how to do research in economics in general, and how to write a senior thesis in particular.

To expose students to common tools that are essential to research in economics, the department offers a comprehensive series of lectures and workshops. Topics of lectures in the fall include (1) introduction to junior independent work (the “kick-off” meeting) (2) literature/data sources and (3) Griswold Seminar. Moreover, there will be a senior thesis planning meeting during the April 2021 reading period. There will be workshops on four topics: (1) data sources, (2) writing in economics, (3) data management, and (4) data analysis. Juniors must attend all lectures and four workshops, one in each of the four topics. (Students, who excelled in ECO 313, ECO 312, or ECO 302, may be exempt from the data management and data analysis workshops if they meet the conditions laid out on pages 6 & 7).

To learn about doing research in a specific area of economics, juniors will be divided into advising groups led by a faculty advisor and supported by an AI. Students with similar interests will be grouped together and assigned to an appropriate faculty advisor. These smaller advising groups will meet periodically throughout the year to discuss specific research topics and to provide feedback on students’ progress. The faculty advisors will also meet individually with students to read and grade student assignments. During 2021/22, we will have fourteen groups.

Important logistical information and advice

- Meeting times: Most JIW-related meetings take place on **Mondays and Wednesdays, from 3:00-4:20 P.M. (EST)** but there will not be meetings every week. **Juniors ARE REQUIRED to keep this time slot free on either Monday or Wednesday in the fall.** However, it is **strongly recommended that juniors keep both days (Monday and Wednesday) free.** **Many of the workshops will only be offered on Monday or Wednesday.** Keeping your schedule free on both days will allow attendance at the workshops most relevant to your research interests. There will be no restriction on your spring schedule.
- Useful courses: Undergraduate research in economics may be theoretical or empirical, but in practice most junior papers are empirical. Empirical evidence takes a variety of forms, from stylized facts to descriptive statistics, to statistical regression analyses. Students writing empirical papers are strongly recommended to take ECO 313 (Econometric Applications, offered in spring), and those writing primarily theoretical papers are strongly recommended to take ECO 317 (Economics of Uncertainty, offered in fall) or ECO 418 (Strategy and Information, offered in fall). These courses convey knowledge that is even more important for senior theses, so if at all possible take them now.

2. Class lectures and workshops

Lectures

Lecture 1 – Introduction to independent work in economics (K. Noonan)

Wednesday, September 1, 3:00 to 4:20 P.M. or 7:30-8:50 P.M.

Attend ONE of the two lectures.

This meeting introduces juniors to the economics department and JIW. Professor Noonan will discuss requirements and organizational matters. She will point to characteristics of good prospecti and JPs as well as advise on how to find an interesting and feasible research question. Professor Noonan will also briefly talk about research strategies, and the typical structure of an economics paper.

Note: As almost all juniors pursue empirical projects, Professor Noonan’s lecture will focus on empirical work. If there is sufficient interest, Professor Noonan will try to organize an *optional* meeting for students interested in theory.

Lecture 2 – Literature and data sources in economics (B. Bordelon, B. Coffey & C. Jefferson)

Wednesday, September 8, 3:00 to 4:20 P.M. or 7:30-8:50 P.M.

Attend ONE of the two lectures.

Bobray Bordelon (Economics, Finance and Data Services Librarian), Bobbi Coffey (Finance Research Librarian) Charissa Jefferson (Labor Economics Librarian) will teach students how to do literature searches in economics. They will also introduce students to data sources in economics and finance and give a general overview of Princeton’s data holdings. Awareness of the latter is important because it determines the feasibility of your research question.

Lecture 3 – Griswold Junior Independent Work Research Forum

Monday, September 20, 3-4:20 P.M.

Attendance required. Students with a course conflict for Monday can make up missed meetings by completing one additional data sources workshop

Six select students from the class of 2022 will present their junior independent work.

Khadijah Anwar

Barriers to Women’s Absorption of the Benefits of Growing Telecom Subscriptions

Andrew Castleman

The Effect of Gender and Race on Wage Spillover from Uber’s Entrance in United States Cities

Leland J Domaratzky

Halliburton II and its Impact on Litigation Trends of Securities Fraud Class Actions

Caren Ju

General Employment Effects of Ban-the-Box and Certificate of Restoration Policies

Sophia Lewandrowski

American Medical Malpractice Tort Law: The Effect of Variations in Caps on Attorney Contingency Fees on State Health Expenditures as a Proxy for Defensive Medicine

Emiri Morita

Employment Impacts of the ARC's POWER Initiative Grants in Coal Communities

Lecture 4 – Planning for the senior thesis (K. Noonan, B. Bordelon, B Coffey & C. Jefferson)

Wednesday, April 27, 3:00-3:50 P.M.

Attendance required.

This meeting will cover planning for the senior thesis. Topics of this meeting will include choosing a topic, applying for funding, and finding an advisor. Bobray Bordelon will discuss data issues for senior theses.

Workshops

Workshop series 1 – Data sources

Bobray Bordelon, Economics and Finance Librarian/Data Services Librarian,

bordelon@princeton.edu

Barbara (Bobbi) Coffey, Finance Research Librarian, bcoffey@princeton.edu

Charissa Jefferson, Labor Librarian, charissaj@princeton.edu

Subject librarians will survey data sources and Princeton's holdings of various types of data.

1. *Health, Crime and Other Socioeconomic Data* (Bobray Bordelon)

Micro-level data are necessary to examine why an individual makes specific choices. Bordelon will discuss micro-level data for the economic study of areas such as health, crime, art and culture, elections, and social attitudes.

Wednesday, September 22, 3:00- 4:20 P.M., room TBA

2. *Financial Data* (Bobbi Coffey)

Coffey will discuss sources of data for studying financial instruments and markets. She will discuss Princeton's holdings, which are stellar in many areas of finance but limited in others.

Wednesday, September 22, 3:00- 4:20 P.M., room TBA

3. *Macroeconomics and Trade Data* (Bobray Bordelon)

Most statistical studies make use of some macroeconomic data. Bordelon will discuss sources for domestic and international macroeconomic data and trade data. This workshop is useful for students studying macroeconomic indicators, trade, monetary policy, fiscal policy, development, and political economy.

Monday, September 27, 3:00- 4:20 P.M., room TBA

4. *Labor and Education Data* (Charissa Jefferson)

Micro-level data for the economic study of labor and education areas will be discussed.

Monday, September 27, 3:00- 4:20 P.M., room TBA

5. *Environmental Data* (Bobray Bordelon)

Bordelon will go over environmental data sources and Princeton's holdings of such data.

Wednesday, September 29, 3:00- 4:20 P.M., room TBA

Workshop series 2 – Writing an economics prospectus

[Dr. Judy. Swan](#), Associate Director, Writing Program and [Rachel Anderson](#)

We will offer eight identical workshops aiming to teach students how to present and discuss information in economics. Topics include how to structure a prospectus, how to introduce a research question, how to present the relevant literature, etc. The workshop will draw on samples of economics prospectuses submitted in prior years.

Monday, October 25, 3-4:20 P.M.& 7:30-8:50 P.M.

Wednesday, October 27, 3-4:20 P.M.& 7:30-8:50 P.M.

Monday, November 1, 3-4:20 P.M.& 7:30-8:50 P.M.

Wednesday, November 3, 3-4:20 P.M.& 7:30-8:50 P.M.

Attendance requirement: Students need to register by 11:59 P.M. on October 15th and attend one workshop of their choice. Registration is available on Canvas.

Workshop series 3 – Data management in Stata

[Christine Cai](#)

We will offer eight identical hands-on workshops designed to teach data management in Stata. These workshops will cover topics such as how to pull data into Stata and how to use basic data manipulation commands (i.e., recording variables, creating new variables, etc.).

Monday, October 25, 3-4:20 P.M. & 7:30-8:50 P.M.

Wednesday, October 27, 3-4:20 P.M. & 7:30-8:50 P.M.

Monday, November 1, 3-4:20 P.M.& 7:30-8:50 P.M.

Wednesday, November 3, 3-4:20 P.M.& 7:30-8:50 P.M.

Attendance requirement: Students need to register by 11:59 P.M. on October 15th and attend one workshop of their choice. Registration is available on Canvas. Exemption from attendance: Juniors that completed ECO 313 (with a passing grade) or ECO 312 (with a grade of A- or higher) *before their junior year* do not need to attend this workshop.

Workshop series 4 – Data analysis in Stata

Ole Agersnap

These workshops will teach data analysis in Stata. They will cover basic Stata analysis commands such as summarize, tabulate, and regress and also elements of “best practices” in analyzing data (treatment of missing values, sample selection, etc.). This set of workshops will be split into two types: cross-sectional/panel-data analysis and time-series. Before the start of the spring semester, we will announce which sessions will be cross-sectional/panel-data analysis and which sessions will be time-series.

Monday, January 31, 3-4:20 P.M. & 7:30-8:50 P.M.

Wednesday, February 2, 3-4:20 P.M.& 7:30-8:50 P.M.

Monday, February 7, 3-4:20 P.M.& 7:30-8:50 P.M.

Wednesday, February 9, 3-4:20 P.M. & 7:30-8:50 P.M.

Attendance requirement: Students need to register by 11:59 P.M. on 1/26 and attend one workshop of their choice. Registration is available on Canvas. Exemption from attendance: Juniors that completed ECO 313 (with a passing grade), ECO 312 (with a grade of A- or higher) and ECO 302 (with a grade of A and higher) before their junior spring do not need to attend this workshop.

Optional workshops

Data and Statistical Services data analysis workshops 101 (optional)

Data and Statistical services will offer a set of data analysis workshops for both Stata and R. The sessions are hands-on and intended for beginners. They cover data transfer, data prep, descriptive statistics, and an introduction to data visualization and linear regression. The schedule will be available in this link <https://dss.princeton.edu/dsslab/workshops/>.

PU Library workshops – Citing sources (optional)

Princeton University Library offers workshops on citing sources using bibliographic managers such as Zotero, EndNote, and RefWorks. These programs interact with Microsoft Office or LaTeX to automatically format your references and create footnotes, endnotes, and bibliographies in any citation style you choose. You may register at <http://library.princeton.edu/help/citation-tools>.

3. Advising groups and meetings

All juniors will be assigned to an advising group led by a faculty member in Economics and supported by an AI. Faculty members will usually advise on projects close to their larger area of research interests. There will be fourteen advising groups in 2021/22.

Requesting an advising group

After reviewing the list of faculty advisors and their research interests, fill out the **JIW advising group request survey** on Canvas form no later than **11:59 A.M., Wednesday, September 8, 2020 (EST)**. Any technical questions on accessing the form should be addressed to [Christina Lipsky](#). Please give your preference for an advising group by indicating your top six choices. If you have a conflict on Mondays or Wednesdays, make sure to only list advising groups meeting on the day that you are available. There is space on this form to indicate your areas of research interest and to indicate your proposed JP topic (as best as you can at this stage). Do not worry if you do not have a topic yet. The great majority of students will not have a specific research question at the start of the fall term. Instead, be as specific as you can be about your research ideas.

Self-matching: Sometimes, juniors with specific research interests approach one of the faculty advisors before the September 8th deadline regarding participation in their group. If a faculty member agrees to take you on, please ask him/her to e-mail [Kristin Rogers](#), confirming the match before the deadline. These agreements can only be honored if we learn about them *before* undertaking the matching process. **Even if you self-match, you still need to fill out the JIW advising group form.**

Please note that we need to receive your advising group request form in order to place you into an advising group. For students who do not complete this form on time, participation scores will be penalized.

Advising group assignments will be made by Professor Noonan and will be posted on **Friday, September 10th** (late in the day) on Canvas. The first advising group meetings will take place; on **Monday, September 13, or Wednesday, September 15 from 3-4:20 P.M.** You should schedule your first one-on-one meeting with your advisor no later than October 1, 2021.

We make every effort to match you with your most-preferred advisor/advising group. However, given the distribution of students' research interests relative to those of the faculty advisors, students cannot expect to be placed in one of their top choices. We will do the best we can, given the constraints. All faculty members advising JPs can guide you through the process of writing a JP with sound economic reasoning. You are encouraged to seek out the advice of other faculty members, especially those with expertise in your area of interest, but your advisor alone is responsible for grading. As such, it is important for you to review grading criteria with your advisor.

On occasion, although quite rarely, your advisor can be a total mismatch. If this happens, don't panic. Talk to Professor Noonan, who will try to make alternative or supplementary arrangements to help you. The deadline for any advising group changes is **October 15, 2021**. Please let Professor Noonan know about any concerns regarding your advising group/advisor/AI throughout the year.

Advising Group Meetings

Each junior will attend three advising group meetings throughout the year; two during the fall and one during the spring. Advising group meetings will provide opportunities for students to interact and learn from their faculty advisors and from each other. The vast majority of fall advising group meetings will take place on either Mondays or Wednesdays from 3-4:20 P.M. (EST). However, once advising groups are formed, groups may change to meeting times that are better for the faculty advisor and group members. Meetings in the spring will be arranged by the AIs.

Advising group meeting 1 – Discussion of topic areas

Students will meet their faculty advisor and AI to discuss specific topics in their area of interest, with a focus on which topics are feasible and which are not. Students may be given a reading list of useful review articles that can help them identify specific topics or they may discuss a successful and an unsuccessful prospectus. The advisor may also clarify his or her expectations regarding the outline, prospectus, and JP.

Advising group meeting 2 – Discussion of the research prospectus

Students will meet with their advising groups to discuss the research prospectus. Students may be asked to present their draft prospectus and/or to respond to comments they received on their draft. They will receive feedback from the group and instructors.

Advising group meeting 3 – Discussion of junior paper

Students will meet with their advising groups to discuss their progress on their junior papers. Advisors will usually ask students to present their JP draft. To allow for more in-depth feedback, each advising group will be divided into three small groups. Meetings will take place between the fifth and seventh week of spring. AIs will coordinate with students to find appropriate times.

Attendance: Students are required to attend the two fall meetings and one (assigned) spring meeting. Please note that the JIW grade includes an attendance and participation component. Missing an advising group meeting may negatively impact attendance and participation grades.

One-on-One Meetings

In addition to group meetings, students and their faculty advisor are expected to meet individually at least four times throughout the year. In a first meeting (during the fourth or fifth week of the fall term) advisor and advisee discuss possible topics and appropriate research strategies. In a second meeting (during the seventh to ninth week of the term) faculty advisor will give feedback on the students' outline and bibliography. During a third meeting at the start of the spring semester, the graded prospectus and next steps can be discussed. A final one-on-one meeting, to take place during the seventh to tenth week, may deal with questions regarding the completion of the final paper. Each group has an AI. AIs are also available for meetings throughout the academic year.

Please note that you can sign up for JIW-related appointments with most advisors on WASE or Calendly.

4. Faculty Advisors and AIs

Faculty advisors and their research interests

Swati Bhatt, sbhatt@princeton.edu

Meeting Day: Wednesday

Office: 202B Julis Romo Rabinowitz Building

Areas of specialization: Economics of Digitization, Industrial Organization, Finance, Applied Micro

Teaching: Economics of the Internet, Connection and Communication in the Digital Bazar, Industrial Organization, Intermediate Microeconomics

Professor Bhatt's research centers on the economics of digitization, industrial organization with a focus on the technology industry, and finance. Her 2017 book, *How Digital Communication Technology Shapes Markets*, explores how digital technology has affected the functioning of markets and her 2019 book, *The Attention Deficit*, examines the consequences of information overload - the content tsunami. Bhatt has advised hundreds of juniors and seniors, and was Director of Student Programs at the Bendheim Center for Finance from 2000-2007. She is a faculty fellow of Forbes College and academic advisor to the varsity football team. She received her Ph.D. in economics from Princeton.

Smita Brunnermeier, smita@princeton.edu

Meeting Day: Monday

Office: 228 Julis Romo Rabinowitz Building

Areas of specialization: Environmental Economics, Applied Microeconomics

Teaching: Environmental Economics, Issues in Environmental & Natural Resource Economics, Intermediate Microeconomics, Environment and Development

Professor Brunnermeier's research covers topics in environmental economics. She has studied the costs and benefits of regulating hazardous air pollutants, the effects of environmental regulation on technological innovation and on industry location decisions, voluntary environmental programs, and the links between corporate environmental and financial performance. She has advised hundreds of JIW and senior thesis projects on applied microeconomics topics at Princeton and is the Executive Director of the Undergraduate Program in Economics. Her Ph.D. is from Vanderbilt University.

Colleen Carey, cc7248@princeton.edu

Meeting Day: Wednesday

Office: 181 Julis Romo Rabinowitz Building

Areas of specialization: Health economics, public economics

Professor Carey's work focuses on the US health care industry. Her primary line of research examines government-managed markets for health insurance. A second line is focused on physician behavior, such as the role of financial relationships with drug firms or physician's response to demand shocks and price changes. She has written a number of papers examining the role of physicians in the US opioid epidemic. She was previously a staff economist at the Council of Economic Advisers. Prof. Carey is visiting from Cornell University, where she is an Assistant Professor in the Department of Economics

Natalie Cox, nbachas@princeton.edu

Meeting Day: Wednesday
Office: 206A Julis Romo Rabinowitz Building

Areas of specialization: Household Finance
Teaching: Behavioral Finance and Entrepreneurial Finance

Professor Cox is an empirical economist, who does research primarily in household finance. She studies topics such as student loans, small business loans, and retirement savings, with a particular focus on government intervention in consumer credit markets. While at Princeton, she has taught courses in Behavioral Finance and Entrepreneurial Finance. She especially enjoys helping undergraduate students conduct economics research during the junior and senior thesis process. Cox has a Ph.D. in Economics from University of California, Berkeley.

Pablo Fajgelbaum, pfajgelb@princeton.edu
Meeting Day: Wednesday
Office: 294 Julis Romo Rabinowitz Building

Area of specialization: International Trade, Spatial Economics
Teaching: International Trade

Professor Fajgelbaum's research focuses on international trade and spatial economics. He has studied distributional effects of trade, the U.S.-China trade war, and the optimal design of spatial policies. Fajgelbaum received his Ph.D. from Princeton.

Ernest Liu, ernestliu@princeton.edu
Meeting Day: Monday
Office: 206B Julis Romo Rabinowitz Building

Area of specialization: Finance, Economic Growth
Teaching: Corporate Finance

Professor Liu's research focuses on the implications of weak financial institutions for economic growth, allocation of resources, and economic development. He has done work that uses production network theory to understand industrial policies, specifically the strong government support for upstream industries that are widely adopted in developing economies. His other work shows how financial market imperfections not only distort economic allocations via underinvestment, but may have amplifying effects because of the interactions across economic sectors or because the relationships between borrowers and lenders create underdevelopment traps. He received his Ph.D. in Economics from MIT in 2017.

Adrien Matray, amatray@princeton.edu
Meeting Day: Wednesday
Office: 207 Julis Romo Rabinowitz Building

Areas of specialization: Entrepreneurship and Innovation, household finance, labor economics
Teaching: Corporate Finance; Entrepreneurship, Innovation and Venture Capital

Professor Matray's interests include entrepreneurship, innovation, and access to banking services for low-income households. He has done research on the real effects of lending relationships on innovative firms and inventor mobility and on the effect of whether R&D-intensive firms are more resilient to trade shocks, in particular increased competition from Chinese imports. His current work on the topic involves understanding the frictions affecting entrepreneurship, SME growth, and technology adoption and how new technologies

affect SME productivity, employment, and income growth. These studies are conducted both in developed countries and in developing countries (India and Brazil).

Related to these questions, Adrien studies more broadly the allocation of workers across sectors and geographic areas and how the emergence of “bubbles” can affect the investment in human capital (decision to drop out of high school, to pursue an undergrad degree) and produce misallocation and affect long term earnings.

His second main line of research is on the determinants and consequences of access to banking services for low-income households. In particular, he studies how the supply bank branches affect financial inclusion, how health risk, and the expansion of publicly-provided health insurance (Medicaid and “Obamacare”) affect low-income household access to debt and ability to accumulate wealth. Finally, he is currently investigating the existence of potential racial discrimination in the banking sector regarding loan applications and the offer of affordable saving products.

Matray holds a Ph.D. in finance from HEC Paris and has previously been a Consultant for the French Ministry of Economy and Finance and for the World Bank.

Christopher Neilson, cneilson@princeton.edu

Meeting Day: Wednesday

Office: 253B Louis A. Simpson International Building

Areas of specialization: Labor Economics, Industrial Organization, Development Economics

Teaching: Microeconomics; Labor Economics

Professor Neilson studies education markets using tools from labor economics and empirical industrial organization. His work is focused on the equitable access to education through more effective policies and regulation when public-private provision of education services coexist. Most of his research is in developing countries and in particular, in Latin America and the Caribbean. Neilson received his Ph.D. in economics from Yale University and was an economics and business major at Universidad de Chile.

Kelly Noonan, knoonan@princeton.edu

Meeting Day: Monday

Office: 222 Julis Romo Rabinowitz Building

Areas of Specialization: Health Economics, Family Economics

Teaching: Introduction to Micro, Intermediate Microeconomics, Introduction to Macro, Health Economics

Professor Noonan’s research focuses on the impact of maternal and child health on family resources and the economics of the family. She is particularly interested in child-policy issues. Noonan has explored the effects of maternal depression on, among others, family food insecurity and family homelessness and the impact of the 2008-11 crisis in Iceland on health behaviors. She is a faculty fellow of Butler College and a faculty fellow for the men’s volleyball team. Noonan holds a Ph.D. in economics from SUNY Stony Brook.

Jonathan Payne, jepayne@princeton.edu

Meeting Day: Monday

Office: 307 Julis Romo Rabinowitz Building

Area of specialization: Money and Banking, Macroeconomics, Financial Economic History, and Computational Economics

Teaching: Money, Finance & Macroeconomics with Agent Heterogeneity

Professor Payne's primary research focuses on money, banking, macroeconomics, and financial history. He has studied how to redesign the banking system to eliminate runs, how banks contract with firms during financial crises, and how to calculate historical yield curves for US government debt. His current research is focused on the future of the financial system. He is working on the potential role of private digital currencies as well as the impact of introducing a central bank digital currency. He is also working on developing new computational tools for solving the differential equations that arise in macroeconomic models. He is part of a group working on using neural networks to solve high dimensional differential equations. He received his Ph.D. in Economics from New York University before coming to Princeton.

Mica Sviatschi, [msviatschi@Princeton.edu](mailto:m sviatschi@Princeton.edu)

Meeting Day: Monday

Office: 128 Julis Romo Rabinowitz Building

Area of specialization: Development Economics, Crime, Labor Economics, Gender

Teaching: Development Economics

Professor Sviatschi works on various topics in labor and development economics, with a focus on human capital, gender-violence and crime. One strand of her research explores how children start a criminal career in drug trafficking and gangs as well as the consequences of organized crime on economic development and state capacity. In particular, she has work on the development of criminal skills in drug trafficking organizations in Peru and gangs in El Salvador. In addition, she studies how criminal organizations such as gangs and drug trafficking groups affect household's behavior and state presence in the areas they control. She is also working with governments to design and evaluate public policies in narcotraffic and gang-controlled areas analyzing large administrative datasets. Another strand of her research studies the role of state capacity to deter and improve service delivery to reduce gender-based violence. In particular, she is studying the effects of women police officers in Peru and India. In addition to this research, she has ongoing collaborative research projects in the Dominican Republic, Guatemala, Colombia, Jordan, and the US.

Can Urgun, curgun@princeton.edu

Meeting Day: Wednesday

Office: 277 Julis Romo Rabinowitz Building

Areas of specialization: Micro Theory, Game Theory, Organizational Economics, Applied Micro

Teaching: Microeconomic Theory

Professor Urgun's areas of research interest are micro theory, game theory and organization economics. He has studied basic principles underlying Sun Tzu's classic treatise Art of War in a dynamic decision-theoretic model. Another paper examines the effects of patience in ordinary conflicts such as divorce, price wars and commercial litigation. More recent research explores contract manufacturing relationships and the role of costly inspection and money burning activities such as influence activities and bureaucracies in internal capital markets of multidivisional firms. Urgun holds a Ph.D. in managerial economics and strategy from Northwestern University.

Silvia Weyerbrock, sweyerbr@princeton.edu

Meeting Day: Monday

Office: 227 Julis Romo Rabinowitz Building

Areas of Specialization: International Economics, Economics of Food and Agriculture

Teaching: Economics of Europe, International Trade, Economics of Food and Agriculture, International Economics

Professor Weyerbrock's research largely focuses on applied trade policy analysis. She has studied the labor market effects of East-West migration in Europe, the reform of the European Union's Common Agricultural Policy, and the trade and budgetary implications of EU enlargements. Weyerbrock has also worked on multilateral trade liberalization and nontariff barriers to trade. Her Ph.D. in agricultural and resource economics is from UC Berkeley.

Iqbal Zaidi, izaidi@princeton.edu

Meeting Day: Wednesday

Office: A26 Julis Romo Rabinowitz Building

Areas of specialization: Macroeconomics, International Economics, Financial Economics, Applied Econometrics

Teaching: Macroeconomics, International Monetary Economics, Applied Econometrics

Professor Zaidi's research covers macroeconomics and financial economics, with a particular focus on econometric estimation of policy-oriented models. He has studied fiscal and monetary policy, structural adjustment in developing countries, financial markets, and financial regulation. Zaidi worked 25+ years in senior positions at the International Monetary Fund before coming to Princeton. He holds a Ph.D. in economics from Princeton University.

JIW Faculty Director

Kelly Noonan

knoonan@princeton.edu, office: 222 Julis Romo Rabinowitz Bldg.

JIW Organizer

Lukas Althoff

lalthoff@princeton.edu

JIW Assistant Instructors (AIs)

Each AI will support one or two advising groups. They will attend, participate, and take attendance in all group meetings. They will manage the Canvas site for their groups and comment on the outline/bibliography, draft prospectus, and draft paper. They will also hold regular office hours.

AI	Email	Research Interest	Advisor(s)
Patrick Agte	pagte@princeton.edu	Development, Health, Education, Industrial Organization	Professor Carey Professor Nielson
Rachel Anderson	rachelsa@princeton.edu	Energy	Professor Brunnermeier
Lukas Althoff	lalthoff@princeton.edu	Labor, Public	Professor Fajgelbaum
Christine Cai	christine.cai@princeton.edu	Labor, Education, Urban, Health	Professor Noonan
Zhang Chen	zhangc@princeton.edu	International Trade, Macro	Professor Zaidi
Anais Galdin	agaldin@princeton.edu	International Trade, Industrial Organization	Professor Bhatt
Lucas Mann	lmann@princeton.edu	Macro, Macro labor	Professor Sviatschi
Jessica Min	jessicamin@princeton.edu	Household Finances, Public, Labor	Professor Cox
Georgios Nikolakoudis	gn3@Princeton.edu	Macro, Trade, Finance	Professor Weyerbrock
Pellumb Reshidi	preshidi@princeton.edu	Micro Theory, Experimental	Professor Urgan
Simon Schmickler	Simon.schmickler@princeton.edu	Finance, Empirical Asset Pricing	Professor Matray Professor Payne
Kecy Wu	liukunwu@princeton.edu	Entrepreneurship	Professor Liu

5. Important submission deadlines

09/8 (W) by 11:59 P.M.	Advising group request form due. Questions to Christina Lipsky .
9/13 (M)	Political Economy applications due.
10/8 (F) by 11:59 P.M.	Outline/bibliography Students should submit a two-page synopsis of their JP. The bibliography should include at least five annotated references.
10/15 (F) by 11:59 P.M.	Register for a writing workshop and data management workshop
11/12 (S) by 11:59 P.M.	Draft prospectus
12/6 (F) by 11:59 P.M.	Prospectus & mid-year JIW evaluation Grades and comments will be available on Canvas by 1/14/22.
1/26 (W) by 11:59 P.M.	Registration for Data Analysis Workshops
03/21 (M) by 11:59 P.M..	Draft JP
04/18 (M) by 11:59 P.M.	Final JP & final JIW evaluation Grades and comments will be available on Canvas by 5/17/22 (Note: The JP grade is not your overall JIW grade. Please see the section on grading to learn how we calculate the JIW grade).

All assignments should be submitted on Canvas by 11:59 P.M. on the due date. Label your file with your last and first name and the last name of your advisor. Please submit the prospectus and JP in PDF format. Make sure your PDF file is not corrupted or otherwise unreadable.

6. JIW Schedule Class of 2023

Please consult Master Calendar *on Canvas* for updates throughout the year. This version was updated on 8/20/2021.

Assignments	Class meetings and workshops	Group and advisor meetings and advisor activities
Fall term—first six weeks: Defining a topic		
	<p><i>Class lecture: Introduction to JIW</i></p> <p>Students attend ONE of two meetings. K. Noonan, 9/1 (W), 3-4:20 pm & 7:30-8:50 pm</p>	
<p><i>Advising group requests</i> due on Canvas by 9/8 (W) by 11:59 p.m.</p> <p>Group assignments posted on Canvas by 9/10 (F).</p>	<p><i>Class lecture: Literature and data in economics,</i></p> <p>B. Bordelon, B. Coffey & C. Jefferson, 9/8 (W), 3-4:20 & 7:30-8:50 pm</p>	
<p><i>PPE applications</i> due online by 9/13 (M).</p>		<p><i>Advising group meeting:</i> Discussion of research area, 3-4:20 pm 9/13 (M) or 9/15 (W).</p>
	<p><i>Class Lecture: Griswold Seminar</i></p> <p>Presentations by select students from class of 2022, 3-4:20 pm 9/20 (M)</p>	
<p><i>Outline/bibliography</i> due on 10/8 (F) by 11:59 p.m.</p>	<p><i>Data sources workshops,</i> 3-4:20 pm</p> <p>Students attend at least ONE data sources workshop of their choice. Health, crime, and other socioeconomic data (Bordelon), 9/22 (W) Finance data (Coffey), 9/22 (W) Macroeconomics and trade data (Bordelon), 9/27 (M) Labor and education micro data (Jefferson), 9/27 (M) Environmental data (Bordelon), 9/29 (W)</p>	<p>Week 4-5 (9/20-10/1): One-on-one meetings with students.</p>
<p><i>Registration for Writing and Data Management Workshops</i> by 11:59 p.m. on 10/15(F).</p> <p><i>Outline/bibliography</i> returned on 10/15(F).</p>		<p>Review/approve outlines/bibliographies.</p>
Fall term—second six weeks: Research design and literature review		
<p><i>Draft prospectus</i> due on 11/12 (F) by 11:59 p.m.</p>	<p><i>Writing workshops,</i> J. Swan/R. Anderson Students register and attend one workshop 10/25, 10/27, 11/1 & 11/3</p> <p><i>Data management workshops,</i> C. Cai Students register and attend one workshop. 10/25, 10/27, 11/1 & 11/3</p> <p>Two workshops are offered each day (3-4:20 pm & 7:30-8:50 pm)</p>	<p>Week 7-9 (10/25-11/12): One-on-one meetings with students.</p>

Assignments	Class meetings and workshops	Group and advisor meetings and advisor activities
		<i>Advising group meeting</i> : Student presentations, 3-4:20 pm. 11/15 (M) or 11/17 (W).
Draft prospectus returned on 11/19 (M).		Advisor review AI's comments on drafts.
Prospectus and mid-year JIW evaluation due at 11:59 p.m. on 12/6 (M).		
Fall term—Reading period		
Prospectus comments and grades available by 1/14.		Advisors submit prospectus grades and comments.
Spring term—first six week: Analysis and writing		
<i>Registration for Data Analysis Workshops</i> by 11:59 p.m. on 1/26 (W).	<i>Data analysis workshops</i> , O. Agersnap Students register and attend at least ONE data analysis workshop. The workshops will focus on either <i>Cross-section/panel data</i> or <i>Time-series data</i> . Two workshops will be offered on each of the following dates: 1/31, 2/2, 2/7 & 2/9 (3-4:20 pm & 7:30-8:50 pm). More information about these workshops will be forthcoming.	Weeks 1-2 (1/24-2/4): One-on-one meetings with students to discuss prospectus and next steps.
		Week 5 or 6: <i>Advising group meetings</i> (split group into 2 or 3 subgroups). Student present ongoing work. Schedule TBA by individual advisors/AIs.
Spring term—second six weeks: Finalizing the JP/senior thesis planning		
Draft JP due 3/21 (M).		Week 7-11 (3/14-4/15): One-on-one meetings to discuss progress on final JP
Draft JP returned on 3/30 (W).		Week 8: Advisors review AI's comments on drafts.
Final JP and evaluation due on 4/18 (M) by 11:59 p.m.		Week 12 (4/18-4/22): Office hours for students wishing to discuss senior thesis plans.
Spring term – Reading & Finals period		
Final JP Grades & comments will be available on Canvas by 5/17.	<i>Senior thesis planning meeting</i> , Noonan, Bordelon, Coffey and Jefferson 4/27 (W), 3-3:50	Advisors submit JP grades and comments by 5/6.

7. Grading

On your transcript, you will receive a single JIW grade, which will be based on the prospectus, the junior paper, and attendance and participation in lectures, workshops, and advising group meetings.

The prospectus

Criteria for Grading

The prospectus can be thought of as falling above, below, or on an imaginary line in the grading scale. In general, prospectuses that meet the top five of our criteria will receive grades above the line (A+, A, or A-). Those that don't meet these five criteria will receive grades below the line (regardless of how well they fulfill the other criteria). See the following page for a detailed grading rubric.

1. Question or Problem. A well-defined question or problem that requires economic analysis and that is motivated (in terms of the economics/finance literature and/or the proposed methodology), feasible (in terms of the available data for empirical projects, and the mathematical and computational methods for theoretical projects), and presented explicitly and early in the document.

2. Innovation and Independence. Demonstration of insight and independence of thought or approach, whether in terms of the question or problem posed, the methodology specified, or (for empirical projects) the data to be analyzed.

3. Methodology. A well-developed and appropriate methodology (an empirical approach or a theoretical modeling strategy) that can informatively address the question or problem. For empirical projects, this means (1) a clear statement of the hypothesis or hypotheses to be tested, and (2) the identification and justification of the statistical and econometric technique to be used (for example, linear or probit regression analysis). For theoretical projects, this means (1) a tentative but essentially complete statement of the structure of the model, (2) a clear statement of the solution methods that will be used (for example, closed-form analytical or numerical solutions), (3) preferably, some preliminary results, and (4) a statement of ways in which the model will be developed and refined in the following semester.

4. Data. For empirical projects, well-chosen data that are appropriate to the question or problem and are readily available.

5. Structure. A visible, easy-to-follow structure consistent with the conventions of economics.

6. Literature Review. The situating of the question or problem in the literature—not an attempt to exhaustively cite the literature but rather to establish a link between the question/problem and the existing literature in economics/finance.

7. Expected or Preliminary Results. This should include (1) discussion of the outcomes, or results, that the author anticipates, (2) a brief explanation of the reasons for the expectation, whether economic intuition or the findings of related previous research, and (3) the discussion of possible pitfalls and thoughts about further research.

8. Style. Lucid, informative, readable sentences; well-defined key terms and concepts; appropriate gauging of readers' knowledge; presentation of sufficient context; clear and concise writing.

9. Source citations. The proper and consistent use of a citation style is found in the economics/finance literature—for example, the APA style or the style used in the *American Economic Review*.

Grading Rubric

A+	An A+ prospectus meets all of the criteria and could lead to a publishable paper in an Economics or Finance journal.
A range	An A prospectus fully meets all criteria. An A- prospectus fully meets the top five criteria and is competent with respect to the other four.
B range	A prospectus in the B range is problematic in terms of any of the top five criteria (e.g., has a well-defined question/problem but a poorly rationalized methodology or an imprecise question/problem but a well-chosen data set and promising methodology) and is competent with respect to the other four.
C range	A prospectus in the C range is faulty in terms of any of the top five criteria and may be less than competent with respect to the other four.
D	A D prospectus is deficient in most of the criteria and adds nothing to one's understanding of the subject beyond what might be gleaned from superficial reading in the area. Even a D prospectus, however, must demonstrate that the writer has some knowledge and understanding of the economic issues.
F	An F prospectus is similar to a D prospectus but is less than half the expected length and/or fails to bring economic tools to bear on the problem.

The expected length of a junior prospectus is ten pages (excluding the bibliography).

The paper

The same grading criteria apply to junior papers and senior theses. When assessing independent work in terms of innovation, sophistication and completeness, JP advisors should take into account that juniors have significantly less time to work on their papers and have taken fewer economics courses than seniors.

Criteria for Grading

A junior paper (JP) or senior thesis can be thought of as falling above, below, or on an imaginary line in the grading scale. In general, independent work that meets the top four criteria below will receive grades above the line (A+, A, or A-). Those that don't meet these four criteria will receive grades below the line (regardless of how well they fulfill the other criteria). See the next page for a detailed grading rubric.

1. Question or Problem. A well-defined question or problem that requires economic analysis and that is motivated (in terms of the economics/finance literature and/or the proposed methodology), feasible (in terms of the available data for empirical projects, and the available mathematical and computational methods for theoretical projects), and presented explicitly and early in the document.

2. Innovation and Independence. Demonstration of insight and independence of thought or approach, whether in terms of the question or problem posed, the methodology specified, or the results.

3. Methodology. A well-developed, appropriate, and sophisticated methodology (an empirical approach or a theoretical modeling strategy) that informatively addresses the question or problem. For empirical projects, this

means (1) a clear statement of the hypothesis or hypotheses, (2) a detailed characterization of the data set and why it was chosen, (3) the identification and justification of the statistical and econometric technique used (for example, linear or probit regression analysis), (4) careful and thorough implementation of the technique, and (5) review and discussion of applicable test statistics. For theoretical projects, this means (1) a complete statement of the structure of the model, (2) justification of solution methods (for example, closed-form analytical or numerical solutions), and (3) solution of the model.

4. Results. An explicit statement and discussion of the new results emerging from the project and their relevance to economics and/or finance. This discussion should also include a discussion of (1) how the results relate to economic intuition and/or the findings of related previous research, (2) possible limitations of the results, and (3) directions for further research.

5. Structure. A visible, easy-to-follow structure consistent with the conventions of economics. A reader can easily identify sections that typically occur in papers in the economics/finance literature, such as Title, Abstract, Introduction, Literature Review, Methodology, Results, Conclusion, and References.

6. Literature Review. The situating of the question or problem in the literature—not an attempt to exhaustively cite the literature, but rather to establish a link between the question/problem and the existing literature in economics/finance.

7. Style. Lucid, informative, readable sentences; well-defined key terms and concepts; appropriate gauging of readers' knowledge; presentation of sufficient context; clear and concise writing.

8. Source Citations. The proper and consistent use of a citation style found in the economics/finance literature—for example, the APA style or the style used in the *American Economic Review*.

Grading Rubric

A+ An A+ JP or thesis meets all of the criteria and makes a significant contribution to the Economics/Finance literature.

A range An A JP or thesis fully meets all criteria. An A- JP or thesis fully meets the top four criteria and is competent with respect to the other four.

B range A JP or thesis in the B range is problematic in terms of any of the top four criteria (e.g., has a well-defined question/problem but a poorly rationalized methodology and inconclusive analysis, or an imprecise question/problem but an interesting set of results derived with appropriate methodology, or a competent analysis of a well-defined question but with only limited new insight or limited applicability) and is competent with respect to the other four criteria.

C range A JP or thesis in the C range is faulty in terms of any of the top four criteria and may be less than competent with respect to the other four.

D A D JP or thesis is deficient in most of the criteria and adds nothing to one's understanding of the subject beyond what might be gleaned from superficial reading in the area. Even a D independent research project, however, must demonstrate that the writer has some knowledge and understanding of the economic issues.

F An F JP or thesis is similar to D work in that it fails to meet most criteria. A failing grade indicates that the student did not research the subject at all adequately and/or fails to bring economic tools to bear on the problem.

Juniors and seniors are asked to stay within the recommended page limits for their JPs (25-35 pages) and senior theses (60-80 pages) and to follow formal requirements specified in the memos on independent work. The page limits do not include bibliographies and appendices.

For practical purposes, faculty advisors will assign between 1 and 100 points to your prospectus and final JP.

Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F
Points	97-100	93-96	90-92	87-89	83-86	80-82	77-79	73-76	70-72	60-69	<60

Examples of A-level prospectuses and junior papers can be found on Canvas.

Attendance

Students are required to attend eleven meetings: four lectures, four workshops, and three group advising meetings. Attendance for the data sources workshop will be determined by completing and scoring 80% on the data sources quiz for the student’s assigned advising group. Some juniors are exempt from the data workshops. Please see workshop descriptions for specific exemptions.

Students may receive between 0 and 100 points for attendance. Points received for attendance will be equal to the average of the points received on the prospectus and JP minus a penalty for missed meetings. *You may miss one meeting without penalty.* If you miss more than one meeting, we will reduce your ‘attendance points’ by 3 points for each additional meeting you miss.

Example: If you miss three out of eleven meetings, you will be penalized for missing two meetings. Suppose the average of your points on the prospectus and JP is 91. We will then subtract 6 points (2 times 3 points) from this average; you will receive 85 points for attendance.

Participation

Students are expected to participate in advising group meetings, complete the advisor group survey and register for workshops. During your advising group meetings, you may be asked to give a presentation on your ongoing research and to provide feedback to other students. Moreover, participation in Canvas discussion forums (if applicable) counts as part of the participation component of grading.

Students may receive between 0 and 103 points for participation. Points received for participation will be equal to the average of the points received on the prospectus and JP plus a participation adjustment.

Each faculty advisor will indicate if a student’s participation in group meetings was above-average, average, or below-average. We will add 3 points to the average of the prospectus/JP points for above-average participation, subtract 3 points for below-average participation, and record your average prospectus/JP points for average participation. Additionally, each time you do not register on time for a workshop or if you do not complete the advisor survey on time, ‘participation points’ will be reduced by 1 point.

Example: If your participation is above average and you received an average of 91 points on your prospectus and JP and you didn’t register for the writing workshop, you will receive 93 points for participation.

Grading weights

The following weights will be used to calculate your final grade. We will use points rather than letter grades to calculate your overall JIW grade. **Note that if you receive an F on your paper, your overall JIW grade will be a failing grade.**

	Prospectus	Paper	Attendance	Participation
Students at Princeton University	25%	60%	7.5%	7.5%
Juniors studying abroad for one term	26.25%	62.5%	3.75%	7.5%
Juniors studying abroad for two terms	27.5%	65%	0%	7.5%

On your transcript, you will receive a single JIW grade, which will be based on the prospectus, the junior paper, and attendance and participation.

8. Submission Requirements

The prospectus and the final paper should be typed and double spaced, and should show the title, your name, your advisor's name, and the date on the front page. Also type the honor pledge on the front page. Please follow the *American Economics Review* citations style. This in turn is based on the Chicago Manual of Style Author-Date system.

The prospectus and paper should be submitted electronically on the JIW Canvas site before the due date. Please save your work in PDF format and label your file with your last and first name and your advisor's last name. In Canvas, go to Assignments and click on the applicable heading. Follow the instructions and make sure to click submit after you attach your file. (It is not enough to just save your work). We will use the time stamp on your submission when deciding on late penalties. Do not submit corrupted or otherwise unreadable files; check your PDF file to make sure that the conversion to PDF was successful.

Please do not submit your work piecemeal. A prospectus or paper must be complete upon submission. If the body of a paper is submitted on time, but a file including footnotes, figures, or complete references is submitted two days late, then the entire paper will be considered two days late. (See "9. Extensions and penalties" below).

9. Extensions and Penalties

In the interest of equal treatment, extensions of time for graded works can only be granted by the department office. Please direct any requests to Professor Noonan. **Your advisor cannot grant extensions of time on the prospectus and the final JP.** In addition, in practice, extensions are almost never granted. It is the student's responsibility to ensure that the deadlines for the prospectus and the final JP are met. Neither time pressure from other academic or extra-curricular commitments, nor computer problems are sufficient grounds for grants of extra time. Be sure to budget your time prudently.

All late submissions will be penalized. The penalties are one-tenth of a letter grade (1 point) for a submission that is up to eight hours late, one-third of a letter grade (3 points) for a submission that is up to one day late, and two-thirds of a letter grade (6 points) for a submission that is two days late, with greater penalties for later submissions as determined by a faculty committee.

Back up your computer files: Please be sure to routinely back up your computer files. A single hard-drive copy is not sufficient insurance. A hard drive failure will not excuse a late submission.

10. Academic Infractions and Academic Fraud

Other individuals may read a draft of your paper, identify flawed or unpersuasive arguments, and circle grammatical errors or awkwardly written sentences. They may NOT contribute new or better arguments that you did not come up with yourself. You are responsible for the content of the paper and its style. Please be sure to acknowledge, in writing, the contributions of others on your submitted work.

A prospectus or paper which contains academic infractions or which is in any way the result of academic fraud **will automatically receive a failing grade.** Please be sure to cite correctly, and to give proper credit to other authors for their ideas and language. Document your references using the style used in the *American Economic Review*. It is a good idea to look at a recent paper in the *American Economic Review* or *Journal of Economic Perspectives* to have an example of how it is done.

11. A Note on Data

The feasibility of an empirical paper depends on the existence, availability, quality, and cost of your data. While the library's data holdings are superb, and Firestone will be able meet most students' needs, there are some specialized areas where the data tend to be proprietary or the data cost is prohibitive. In finance, for example, Firestone is strong in stocks, bonds, futures, commodities, mutual funds, mergers and acquisitions, IPOs, fundamentals, earnings forecasts, REITs, and options but data are limited for hedge funds, venture capital, and real estate. International macroeconomic data are excellent, but international microeconomic data are harder to obtain. Proprietary data from corporate sources are generally expensive and sometimes unobtainable. Privacy restrictions may encroach on US microdata in health and education.

These caveats should not discourage you in any way. Firestone can support most projects on a limited capacity, but your project is more likely to succeed if you consult **early** with our knowledgeable Economics and Data Librarians, [Bobray Bordelon](#), [Bobbi Coffey](#) and [Charissa Jefferson](#).

12. Research Involving Human Subjects

If you plan to conduct research that directly involves human subjects (e.g., asking classmates to respond to a survey, research using identifiable data) you must apply for permission to the Institutional Review Board (IRB) for Human Subjects. All human-subjects research must be approved by IRB *before initiation*. Moreover, the faculty advisor and student need to complete an online training and certification process prior to submitting their materials to IRB for review. The required training can be completed at: <https://www.princeton.edu/ria/human-research-protection/training/>. These are university (and federal) requirements. For more information, please visit the IRB website: <https://www.princeton.edu/ria/human-research-protection/hrpp-home/> **IRB applications should be filed before February 27, 2022.**

13. Juniors Studying Abroad

Juniors studying abroad are strongly encouraged to keep in regular contact with their advisor and review material posted on the Canvas site for the class as a whole and their advising group. They will receive a grade for participation but not for attendance during semester(s) they spend abroad. When evaluating a student for participation, the JP advisor will consider whether the student kept in touch regularly, turned in drafts as expected, etc. Juniors abroad are expected to adhere to the deadlines in the junior calendar. Please contact Professor Noonan if you plan to go abroad and/or have any questions.

14. Political Economy Concentrators

Juniors in the Department who wish to join the Program in Political Economy should submit PPE Applications by **Thursday, September 13, 2021 (EST)**. Political Economy concentrators are required to write a junior paper with sufficient political economy content, as judged by the advisor. Several of the faculty advisors have specific expertise in public economics. However, PE students are not restricted to these advisors, since it is possible to identify paper topics within each of the areas (e.g., macroeconomics, labor economics, and development economics) that are concerned with political economy issues. An overview of PPE follows on the next page. Please address any questions related to this program to the Political Economy advisor, [Professor Weyerbrock](#).

15. Exemplary prospectuses and junior papers

Examples of successful prospectuses and JPs from previous years have been posted on the JIW Canvas site.

DEPARTMENT OF ECONOMICS

PROGRAM IN POLITICAL ECONOMY (PPE)

Class of 2023

OVERVIEW

The Department of Economics offers a Program in Political Economy (PPE) that is open to Economics concentrators. There is strong interaction between the fields of economics and politics, both in content and in methods. Political forces shape markets and other economic institutions. These forces attempt to modify the distribution of income, and both introduce distortions in markets and correct for market failures. On the other hand, economic motivations permeate the political environment. Furthermore, both fields model the motivations of individual actors and use statistical methods. The Program in Political Economy is for students who are interested in studying issues at the intersection of these two fields.

JOINING THE PROGRAM IN POLITICAL ECONOMY

Admission to the program takes place at the beginning of the fall semester of the junior year. A student who participates in this program is an Economics concentrator and is subject to all the requirements of the Economics department. The PPE functions like a certificate in that its requirements are additions to those already required of all Economics concentrators. Upon graduation, given successful completion of all requirements, the student receives a Certificate in Political Economy from the Department of Economics. Participation in the program does not appear on the student's university transcript.

PREREQUISITES

To enter the program, the student should satisfy the prerequisites for concentration in both the Politics and the Economics departments. This means that the students entering the program must have completed ECO 100 and 101, MAT 175, ECO 202 (or equivalent statistics course), and two Politics courses at any level other than POL 345 and POL 346 on a graded basis. We also consider students for admission who completed one Politics course. Such students must explain how they will meet the program's course requirements on their application form.

POLITICS COURSE REQUIREMENTS

In addition to the two Politics prerequisites, a student in the program must complete three Politics departmental electives, i.e., Politics courses in the 300-level or higher, on a graded basis. Courses taken on a PDF basis are acceptable for Spring 2020 only. POL 345 and POL 346 do not count as Politics courses in the program if they are used to meet the statistics prerequisite for Economics concentrators. Starting with the Class of 2023, if a student does not also use these courses to meet the statistics prerequisite, one of POL 345 or POL 346 (but not both courses) can be counted among the five required POL courses. Unless a course has been approved as an Economics cognate, Politics courses are not included in the student's departmental average. One of the five POL courses, upon approval of the Political Economy Advisor, can be a politics-related course from a department other than Politics.

Because of the additional course requirements, a student may want to count one or two of the Politics departmental electives as Economics cognates. Approval of cognates is subject to the same rules as for other Economics concentrators. POL 335 (Political Economy of the United States), POL 349 (Political Economy), POL 385 (International Political Economy), and SPI 329/POL 350 (Comparative Political Economy) have been pre-approved as Economics cognates. The complete list of pre-approved cognates is [here](#). No cognate approval application is necessary for pre-approved courses. If a student would like the Economics department to consider another course for ECO cognate approval, a [cognate approval form](#) needs to be filed. Economics cognates are approved by the Executive Director of Undergraduate Studies, [Professor Smita Brunnermeier](#), and under no circumstances is approval given retroactively.

Infrequently, and only with advance approval, an Economics course can be counted toward the Politics course requirement of the PPE; contact the Political Economy Advisor, [Professor Silvia Weyerbrock](#), for more information.

INDEPENDENT WORK

A PPE student has the same junior and senior independent work requirements as other economics concentrators, with one exception. Political Economy concentrators are required to write a junior paper with sufficient political economy content, as judged by the advisor. Students are also encouraged but are not required, to write a senior thesis that is related to political economy.

DEPARTMENTAL AVERAGE

Politics courses are **not** included in the student's departmental average (unless a course has been approved as an Economics cognate).

HOW TO APPLY

Application forms for the program are available on the department's undergraduate webpage. A student wishing to enroll in the PPE must submit the application form by Monday, September 13, 2021 (EST).

The application form asks you to list your prerequisites, write a brief statement of intent, and specify a four-semester course plan. The purpose of the statement of intent is for you to think about why you are interested in the program and to consider a topic for your junior independent work. The purpose of the course plan is for you to formulate a cohesive set of courses and a timely plan for completing them. The course plan should specify what economics and politics departmentals you will take and when. It is not necessary to inform the PPE advisor if you subsequently deviate from the plan.

FOR MORE INFORMATION

For more information, contact the Political Economy Advisor, [Professor Silvia Weyerbrock](#).