1

# **Public Policy**

The Goldman School of Public Policy offers two graduate degrees in public policy, the Master of Public Policy (MPP) and the Doctor of Philosophy (PhD).

# Master in Public Policy (MPP)

The MPP degree is earned in a two-year, full-time program consisting of a core curriculum, a policy internship in the summer after completion of the first year, a second-year policy analysis project, and elective courses chosen from those available on the campus and at GSPP. The program emphasizes practical and applied dimensions of policy-making and implementation, encouraging students to develop skills in:

- Defining policy issues to make them more intelligible to officials in the public, private or non-profit sector;
- Providing a broader perspective for assessing policy alternatives;
- Examining techniques for developing policy options and evaluating their social consequences; and
- Developing strategies for the successful implementation of public policies once they have been adopted.

Given the relatively small class size, the School's approach to teaching emphasizes teamwork, cooperation, and interaction among students and with the faculty. Students work, either as individuals or in small groups, on real policy problems for real clients under close faculty supervision.

# **PhD in Public Policy**

GSPP offers a doctoral degree program for students who seek careers in policy research with universities or research institutes. The PhD program emphasizes the generation of knowledge, theories, methodologies, and applications appropriate to the advancement of public policy analysis and management. Doctoral students pursue highly individualized programs of study and typically work closely with school faculty members who share the student's subject matter interest.

Usually only two or three PhD applicants are admitted each year, including those admitted from the School's MPP program. Non-Goldman School applicants who seek a policy research career and have completed graduate work in public policy comparable to our MPP are also eligible for admission consideration.

A thorough preparation in policy analysis skills is a prerequisite for the doctorate. Because there is no core program of study, the PhD committee prefers applicants to have completed an MPP degree or equivalent, either from the Goldman School or a similar institution. Applicants with a master's degree in some other field usually must complete the MPP program at GSPP before applying for admission to the doctoral program.

Applicants who have a master's degree in public policy from another school may be partially exempt from this requirement but may be asked to take certain first-year master's level courses at GSPP not offered in other such programs.

# Admission to the University

## Uniform minimum requirements for admission

The following minimum requirements apply to all programs and will be verified by the Graduate Division:

- 1. A bachelor's degree or recognized equivalent from an accredited institution;
- 2. A minimum grade-point average of B or better (3.0);
- 3. If the applicant comes from a country or political entity (e.g. Quebec) where English is not the official language, adequate proficiency in English to do graduate work, as evidenced by a TOEFL score of at least 570 on the paper-and-pencil test, 230 on the computer-based test, 90 on the iBT test, or an IELTS Band score of at least 7 (note that individual programs may set higher levels for any of these); and
- 4. Enough undergraduate training to do graduate work in the given field.

## Applicants who already hold a graduate degree

The Graduate Council views academic degrees as evidence of broad research training, not as vocational training certificates; therefore, applicants who already have academic graduate degrees should be able to take up new subject matter on a serious level without undertaking a graduate program, unless the fields are completely dissimilar.

Programs may consider students for an additional academic master's or professional master's degree if the additional degree is in a distinctly different field.

Applicants admitted to a doctoral program that requires a master's degree to be earned at Berkeley as a prerequisite (even though the applicant already has a master's degree from another institution in the same or a closely allied field of study) will be permitted to undertake the second master's degree, despite the overlap in field.

The Graduate Division will admit students for a second doctoral degree only if they meet the following guidelines:

- Applicants with doctoral degrees may be admitted for an additional doctoral degree only if that degree program is in a general area of knowledge distinctly different from the field in which they earned their original degree. For example, a physics PhD could be admitted to a doctoral degree program in music or history; however, a student with a doctoral degree in mathematics would not be permitted to add a PhD in statistics.
- 2. Applicants who hold the PhD degree may be admitted to a professional doctorate or professional master's degree program if there is no duplication of training involved.

Applicants may only apply to one single degree program or one concurrent degree program per admission cycle.

Any applicant who was previously registered at Berkeley as a graduate student, no matter how briefly, must apply for readmission, not admission, even if the new application is to a different program.

### **Required documents for admissions applications**

 Transcripts: Upload unofficial transcripts with the application for the departmental initial review. Official transcripts of all collegelevel work will be required if admitted. Official transcripts must be in sealed envelopes as issued by the school(s) you have attended. Request a current transcript from every post-secondary school that you have attended, including community colleges, summer sessions, and extension programs.

If you have attended Berkeley, upload unofficial transcript with the application for the departmental initial review. Official transcript with evidence of degree conferral *will not* be required if admitted.

- 2. Letters of recommendation: Applicants can request online letters of recommendation through the online application system. Hard copies of recommendation letters must be sent directly to the program, not the Graduate Division.
- 3. Evidence of English language proficiency: All applicants from countries in which the official language is not English are required to submit official evidence of English language proficiency. This requirement applies to applicants from Bangladesh, Burma, Nepal, India, Pakistan, Latin America, the Middle East, the People's Republic of China, Taiwan, Japan, Korea, Southeast Asia, and most European countries. However, applicants who, at the time of application, have already completed at least one year of full-time academic course work with grades of B or better at a U.S. university may submit an official transcript from the U.S. university to fulfill this requirement. The following courses will not fulfill this requirement: 1) courses in English as a Second Language, 2) courses conducted in a language other than English, 3) courses that will be completed after the application is submitted, and 4) courses of a non-academic nature. If applicants have previously been denied admission to Berkeley on the basis of their English language proficiency, they must submit new test scores that meet the current minimum from one of the standardized tests.

# Admission to the Program

## Key Elements for MPP Admission

- A Commitment to Public Policy: GSPP's goal is to admit those applicants who can get the most from the GSPP master's program and who will use what they learn to be active participants in the formulation, adoption, and implementation of better public policy. One of the applicant's goals should be to convince the admissions committee of this commitment. This can be reflected in the quality of work experience or the statement of purpose.
- 2. Education: Students at GSPP represent a wide range of academic backgrounds. Most students have degrees in social sciences, with a smaller number having undergraduate majors in humanities, biological or physical sciences, mathematics or engineering. Some students already have advanced degrees. GSPP does not require prior quantitative training; however prior course work in introductory statistics or first-year calculus, and introductory economics, is strongly recommended.
- Writing and Analytical Skills: How students approach problems and the ability to write clearly and coherently is instrumental in public policy analysis. The committee will pay close attention to the applicant's statement of purpose and GRE analytical writing score.
- 4. Standardized Tests: All applicants are required to take the Graduate Record Exam (GRE) general test. The LSAT and GMAT cannot be substituted for the GRE. Test scores must be less than five years old. To assist you in preparing to take the GRE, free GRE Preparation Tests are now available online (http://www.ets.org/ gre). All applicants from countries in which the official language is not English are required to take the Test of English as a Foreign Language (TOEFL (http://www.ets.org/toefl)) or the International English Language Testing System (IELTS (http://www.ielts.org)

). TOEFL and IELTS tests taken before June 2012 will not be accepted. To send an official score report, the institution code for Berkeley is 4833 and the department code for public policy is 1903.

- 5. Three Letters of Recommendation: The most helpful letters or recommendation are from persons who have supervised the applicant's work in either an academic, employment or community service capacity, and who can evaluate the applicant's intellectual ability, creativity, initiative, leadership potential, and promise in the field of public policy analysis and management.
- 6. **Background and Life Experiences:** GSPP recognizes that a student population that reflects the most diverse state in the country is key to the continued study of current, relevant social issues and policy problems. We are looking for people who are dynamic and driven, representing diverse perspectives, backgrounds, and life experiences, particularly those who wish to develop the tools and skills necessary to change our world for the better.
- 7. The Value of Work Experience: Although GSPP does not require work experience for admission, typically each entering student has had at least three years of relevant work experience. GSPP believes work experience adds tremendous value to class discussions and helps students to develop a context for problem solving and policy analysis.

### Documents required for the MPP application:

- 1. Online Graduate Application for Admission and Fellowships (http:// grad.berkeley.edu/admissions)
- 2. **Resume** (submitted with online application): Please upload a current resume, reflecting your work experience, education, and any other relevant information.
- 3. Statement of Purpose (submitted with online application): Please follow the instructions below for the statement of purpose instead of what is directed on the online application: The Richard & Rhoda Goldman School of Public Policy welcomes applicants from a wide variety of backgrounds and with a variety of career aspirations. Some of our students have had prior experience in the realm of public policy; others have not. It is helpful to us to know more about your background, your motivation, and your long-term goals than can be inferred from your records and references. We would appreciate your helping us by supplying a brief statement of 3-5 pages, double-spaced.

Please address some of these areas:

- a. The present: Why do you want to take an educational program in the analysis and management of public policy?
- b. The past: What experiences or activities bear on your qualifications for this program, e.g., research papers, study groups, job responsibilities, policy or political projects? How do these experiences relate to your decision to undertake the study of public policy analysis and management? If you have been out of school for a year or more, please indicate the positions you have held and your major activities.
- c. The future: What kinds of work and activity would you like to engage in following graduation, and what are your long-range career objectives?
- d. Please supply whatever information you think may help us to understand your candidacy more fully.
- 4. **Personal History Statement** (submitted with online application): Please describe how your personal background informs your decision to pursue a graduate degree. Please include information on how you have overcome barriers to access in higher education, evidence of how you have come to understand the barriers

faced by others, evidence of your academic service to advance equitable access to higher education for women, racial minorities, and individuals from other groups that have been historically underrepresented in higher education, evidence of your research focusing on underserved populations or related issues of inequality, or evidence of your leadership among such groups.

- 5. College Transcripts (submitted with online application): Please upload unofficial transcripts from all universities or colleges attended. If you studied aboard, either as part of an exchange program administered by your school or on your own, please upload those transcripts as well. Official transcripts of all college-level work will be required if admitted.
- 6. Three Letters of Recommendation (submitted with online application): Please follow the instructions on the online application for the online letter of recommendation submission process.
- 7. GRE Scores: Our institution code is 4833. Reservations for the GRE exam should be made in advance through the GRE's website (http://www.ets.org/gre), or the following: The Education Testing Service (ETS)
   P.O. Box 6000
   Princeton, NJ 08541-6000

Phone: (609) 771-7670 or 1-800-GRE-CALL

TOEFL Scores (for international applicants): Scores before June
1, 2012 are no longer valid. For further information regarding the
TOEFL, please see the TOEFL website (http://www.ets.org/toefl).
Use institution code 4833 and department code 94. You may sign
up for the TOEFL through an agent in your country or through:
TOEFL, CN6151
Princeton, NJ 08541-6151
Phage (000) 774 7500

Phone: (609) 771-7500

- 9. **Application Fee** (submitted with online application): A \$80 application fee, payable to UC Regents, must be submitted when you apply.
- 10 **Supplemental Application Fee** (submitted with online application): A supplemental application fee of \$20 will apply to international applicants. (Eligible applicants may apply for an application fee waiver (http://grad.berkeley.edu/admissions/apply/fee-waiver) . To do so, you must be a U.S. citizen or current permanent resident.)

### Key Elements for PhD Admission

Here is the Graduate Application for Admission (http://grad.berkeley.edu/ admissions/index.shtml) . The online application includes instructions and guidelines for submitting the following:

- 1. Statement of Purpose
- 2. Personal History Statement
- Planned Dissertation Research Memo: The planned dissertation research memo should describe the applicant's public policy research interests, outline the topic(s) for one's dissertation research, and include suggestions for possible faculty advisor(s).
- 4. Curriculum Vitae
- 5. Writing Sample: A writing sample, most appropriately, a research paper under 30 pages. The term "research paper" is distinct from "policy analysis." Its purpose is, in part, to make it evident that the student can make the transition from policy analysis to policy research.
- Unofficial Transcripts: Scan and upload a copy of all unofficial transcripts from all universities or colleges attended. Admitted applicants who intend to enroll will be required to submit an official copy.

- Three Letters of Recommendation are required. Letters of recommendation can be submitted online within the graduate application. Letters of recommendation may arrive up to 14 days after the application deadline.
- Application Fee: An \$80 application fee, payable to UC Regents, must be submitted when you apply.
- Supplemental Application Fee for International Students: An additional application fee of \$20 must be paid by international applicants.
- 10.Eligible applications may apply for an application fee waiver (http:// grad.berkeley.edu/admissions/apply/fee-waiver). To be eligible, the applicant must be a U.S citizen or current permanent resident.

Please do not submit additional or supplemental materials.

The following additional documents required for admission should be sent directly to the school:

- Official GRE Scores. Please have the scores sent directly to the Goldman School. However to expedite the processing of your application, you may submit a photocopy of your GRE scores as soon as you receive them. GRE scores usually take 14 days to be received at GSPP. To meet the application deadline. Our institution code is 4833, and our department code is 1903. Reservations for the GRE exam should be made in advance through the GRE website (http://www.gre.org) , or through: The Education Testing Service (ETS) P.O. Box 6000 Princeton, NJ 08541-6000 Phone: 609-771-7670 or 1-800-GRECALL
- 2. Official TOEFL Scores. All applicants from countries in which the official language is not English are required to take the Test of English as a Foreign Language (TOEFL (http://www.ets.org/toefl)) or the International English Language Testing System (IELTS (http://www.ielts.org)). TOEFL and IELTS tests taken before June 2011 will not be accepted. To send an official score report, the institution code for Berkeley is 4833 and the department code for public policy is 1903.

If a student is admitted to the PhD Program, he/she is required to work with their designated faculty adviser to develop and submit a curriculum memo to the PhD committee that contains the courses the student will take during the first two years of study. This curriculum memo can be updated at the end of each semester of PhD residency should the student and his/her adviser decide that additional courses should be taken or substituted.

### Curriculum

Electives approved for a specialized study list, building upon MPP coursework or equivalent upon admission

# Curriculum

# Core Curriculum – 1<sup>st</sup> Year

The core courses emphasize practical applications of analytical skills and encourage students to "learn by doing" through numerous exercises and projects conducted in teams and individually. Fieldwork activities are also a part of the core curriculum, involving real clients, a written report, and oral briefings on the report. In addition, colloquia with outside speakers are frequently held that further examine some of the policy issues treated in the core courses.

			First Year
	Fall Units	Spring Units	Summer Units
PUB POL 220 <sup>1</sup>	4 PUB POL 200	4 Summer I (required)	Policy Internship
PUB POL 210A	4 PUB POL 210B	4	
PUB POL 260 <sup>1</sup>	4 Elective Course		
PUB POL 240A	4 PUB POL 240B	4	
	16	12	0

Total Units: 28

<sup>1</sup> Can be taken in the fall of the first or second year of the program.

# **Summer Policy Internship**

Students are required to complete a policy internship during the summer between the first and second year of study. Students choose positions as apprentices to policy practitioners in international, federal, state, or local government agencies; non-profit organizations; or private sector corporations and consulting firms; in the United States and abroad. Students enrolled in concurrent degrees with Public Health and Law are exempt from this requirement, since they are already required to do a summer internship with their concurrent degree program. For prior year summer internship statistics and information, go the Employment Statistics (http://gspp.berkeley.edu/career-services/alumni-graduationfacts/gspp-employment-statistics) page.

### **Core Curriculum - 2nd Year**

The second year comprises two required courses, Advanced Policy Analysis (APA) and Political and Organizational Aspects of Public Policy Analysis, plus a number of electives.

The APA project is an intensive study of a significant policy issue of the student's choice. The project is often done for a specific client in a public or private policy organization, and sometimes the student is paid for the work. For some students, the project is an outgrowth of the summer internship or may lead to a post graduation position with the client organization.

Students conduct their projects as members of an APA seminar, which provides them with a faculty supervisor and a peer group able to supply constructive suggestions. When the completed analysis is found satisfactory by the faculty, it then serves as the student's required thesis. Frequently, the specific policy recommendations made in these analyses have been adopted by the student's client.

			Second Year	
	Fall	Units	Spring	Units
PUB POL 250 <sup>1</sup>		4 PUB POL 205 (Thesis Seminar)		6
Elective Course		(Ti Inc	PUB POL 299 (Thesis Independent Study)	
Elective Course			ective ourse	
Elective Course				
		4		9

Total Units: 13

<sup>1</sup> Can be taken in the fall of the first or second year of the program.

### **Milestones**

- PUB POL 200 Introduction to Policy Analysis
- Summer Policy Internship
- PUB POL 205 Advanced Policy Analysis (Thesis Seminar)

# **Public Policy**

PUB POL 200 Introduction to Policy Analysis 4 Units This introductory course will integrate various social science disciplines and apply these perspectives to problems of public policy. Throughout the academic term, students will apply knowledge of politics, economics, sociology, and quantitative methods in the analysis of case studies of policymakers and managers making decisions. Students learn to use the techniques of social science to evaluate projects and programs. Course will include the preparation of a major paper for a client. **Rules & Requirements** 

**Prerequisites:** Open only to students in the Graduate School of Public Policy

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of discussion per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

PUB POL 205 Advanced Policy Analysis 6 Units Each student will conduct thorough analysis on a major policy question. In this research, students will apply the interdisciplinary methods, approaches, and perspectives studied in the core curriculum. **Rules & Requirements** 

**Prerequisites:** Open only to majors who have completed the core curriculum

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

PUB POL 210A The Economics of Public Policy Analysis 4 Units Theories of microeconomic behavior of consumers, producers, and bureaucrats are developed and applied to specific policy areas. Ability to analyze the effects of alternative policy actions in terms of 1) the efficiency of resource allocation and 2) equity is stressed. Policy areas are selected to show a broad range of actual applications of theory and a variety of policy strategies.

#### **Rules & Requirements**

**Prerequisites:** Open only to students in the Graduate School of Public Policy

#### Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of session per week

#### Additional Details

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

#### Instructor: Friedman

PUB POL 210B The Economics of Public Policy Analysis 4 Units Theories of microeconomic behavior of consumers, producers, and bureaucrats are developed and applied to specific policy areas. Ability to analyze the effects of alternative policy actions in terms of 1) the efficiency of resource allocation and 2) equity is stressed. Policy areas are selected to show a broad range of actual applications of theory and a variety of policy strategies.

#### **Rules & Requirements**

**Prerequisites:** Open only to students in the Graduate School of Public Policy

#### Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of session per week

#### **Additional Details**

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Friedman

#### PUB POL 220 Law and Public Policy 4 Units

Focuses on legal aspects of public policy by exposing students to primary legal materials, including court decisions and legislative and administrative regulations. Skills of interpretation and legal draftsmanship are developed. Relationships among law-making agencies and between law and policy are explored through case-centered studies. **Rules & Requirements** 

**Prerequisites:** Open only to students in the Graduate School of Public Policy

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Kirp

PUB POL C221 Climate, Energy and Development 3 Units Graduate seminar examining the role of energy science, technology, and policy in international development. The course will look at how changes in the theory and practice of energy systems and of international development have co-evolved over the past halfcentury, and what opportunities exist going forward. A focus will be on rural and decentralized energy use, and the issues of technology, culture, and politics that are raised by both current trajectories, and potential alternative energy choices. We will explore the frequently divergent ideas about energy and development that have emerged from civil society, academia, multinational development agencies, and the private and industrial sector. **Rules & Requirements** Prerequisites: Graduate student standing or consent of instructor Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Kammen

Also listed as: DEVP C221/ENE,RES C221

PUB POL 240A Decision Analysis, Modeling, and Quantitative Methods 4 Units

An integrated course on the use of quantitative techniques in public policy analysis: computer modeling and simulation, linear programming and optimization, decision theory, and statistical and econometric analysis of policy-relevant data. The student develops a facility in distilling the policy relevance of numbers through an analysis of case studies and statistical data sets.

#### **Rules & Requirements**

**Prerequisites:** Open only to students in the Graduate School of Public Policy

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

PUB POL 240B Decision Analysis, Modeling, and Quantitative Methods 4 Units

An integrated course on the use of quantitative techniques in public policy analysis: computer modeling and simulation, linear programming and optimization, decision theory, and statistical and econometric analysis of policy-relevant data. The student develops a facility in distilling the policy relevance of numbers through an analysis of case studies and statistical data sets.

#### **Rules & Requirements**

**Prerequisites:** Open only to students in the Graduate School of Public Policy

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

# PUB POL 250 Political and Agency Management Aspects of Public Policy 4 Units

This course examines the political and organizational factors involved in developing new policies, choosing among alternatives, gaining acceptance, assuring implementation, and coping with unanticipated consequences. Materials will include case studies, theoretical, empirical, and interpretive works from several disciplines. **Rules & Requirements** 

**Prerequisites:** Open only to students in the Graduate School of Public Policy

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Ellwood

Formerly known as: 230A

PUB POL 251 Microeconomic Organization and Policy Analysis 3 Units Research seminar to develop public policy analyses based on microeconomic theories of organization, including collective demand mechanisms, behavioral theory of regulatory agencies and bureaucracies, and productivity in the public sector. **Rules & Requirements** 

**Prerequisites:** Business Administration 101B or Economics 200A or equivalent, and consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of seminar per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Friedman

PUB POL C253 International Economic Development Policy 3 Units This course emphasizes the development and application of policy solutions to developing-world problems related to poverty, macroeconomic policy, and environmental sustainability. Methods of statistical, economic, and policy analysis are applied to a series of case studies. The course is designed to develop practical professional skills for application in the international arena. **Hours & Format** 

Fall and/or spring: 15 weeks - 3 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Also listed as: A,RESEC C253

PUB POL 256 Program and Policy Design 4 Units Studio/laboratory in the design of non-physical environments. Complements courses in policy analysis, public management, economics, and political science; especially intended to integrate elements of professional programs in public policy and related areas. Students will design, in groups and individually, programs and policies that create value in the public sector, including statutes, regulations, and implementation projects. Comparative reviews will feature invited guests. Graduate level of 156.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: O'Hare

Formerly known as: 206

#### PUB POL 257 Arts and Cultural Policy 4 Units

Survey of government policy toward the arts (especially direct subsidy, copyright and regulation, and indirect assistance) and its effects on artists, audiences, and institutions. Emphasizes "highbrow" arts, U.S. policy, and the social and economic roles of participants in the arts. Readings, field trips, and case discussion. One paper in two drafts required for undergraduate credit; graduate credit awarded for an additional short paper to be arranged and attendance at four advanced colloquia throughout the term. Graduate level of 157. **Hours & Format** 

Fall and/or spring: 15 weeks - 3 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: O'Hare

Formerly known as: 208

#### PUB POL 259 Benefit-Cost Analysis 4 Units

This course discusses and criticizes the conceptual foundations of costbenefit analysis, and analyzes in depth some important applied aspects such as endogenous prices of other commodities, methods to infer willingness to pay, valuation of life, uncertainty and the rate of discount. The goal of this course is to teach you the theory and practice of costbenefit analysis, with an eye to preparing you to confidently conduct a CBA for an employer or client starting on day one of your career as a policy analyst. There will be three main components to the course: The textbook, discussion, and the semester project. **Rules & Requirements** 

Prerequisites: Calculus and Intermediate Microeconomics or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of seminar per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Acland

PUB POL 260 Public Leadership and Management 4 Units This course is designed to help students develop their skills for leading and managing groups, government agencies, nonprofit organizations, and public advocacy, with the goal of achieving positive social change. Materials include case studies, analyses, and works from several disciplines. Course is open to first and second year MPP students, but recommended for first year.

#### **Rules & Requirements**

**Prerequisites:** Open only to students in the Graduate School of Public Policy and a select few students at other graduate schools

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Reich

Formerly known as: Public Policy 230B

#### PUB POL 269 Public Budgeting 4 Units

Public sector budgeting is an activity that incorporates many, perhaps most, of the skills of the public manager and analyst. The goal of this course is to develop and hone these skills. Using cases and readings from all levels of American government, the course will allow the student to gain an understanding of the effects and consequences of public sector budgeting, its processes and participants, and the potential impacts of various reforms. Graduate level of Public Policy 179. **Hours & Format** 

Fall and/or spring: 15 weeks - 3 hours of lecture per week

#### **Additional Details**

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Ellwood

#### Formerly known as: 209

PUB POL 270 Kid-First Policy: Family, School, and Community 4 Units This seminar appraises the critical policy choices that shape the lives of children and adolescents from birth through high school and beyond. The issues are as varied-and hotly debated by politicians and policy-makersas banning Coke machines in schools to reduce obesity, regulating teenage abortion, providing universal preschool and helping abused children. Students from across the campus-public policy, education, social welfare, business, sociology, political science, economics-bring different perspectives. Discussions and readings draw on insights from across the policy sciences. Problem-solving is the focus in seminar meetings and research projects.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Kirp

#### PUB POL 275 Spatial Data and Analysis 4 Units

This course introduces students to spatial data and its analysis, modeling of spatially dependent processes, and related policy problems. Through hands-on analysis, students will learn to extract quantitative information from spatial data for applied research and public policy. Students will be introduced to spatial statistics, spatially dependent simulation, and spatial optimization. Students will learn to think creatively about spatial problems through examples drawn from economics, politics, epidemiology, criminology, agriculture, social networks, and the environment. Students will benefit from prior experience with basic computer programming, although prior experience is not required. **Rules & Requirements** 

Prerequisites: Introduction to Statistics

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Hsiang

PUB POL 279 Research Design and Data Collection for Public Policy Analysis 3 Units

Public policy analysis requires a sophisticated understanding of a variety of types of data. Empirical arguments and counterarguments play a central role in policy debates. Quantitative analysis courses teach you how to analyze data; this course will introduce you to strategies of data collection and principles for critically evaluating data collected by others. Topics include measurement reliability and validity, questionnaire design, sampling, experimental and quasi-experimental program evaluation designs, qualitative research methods, and the politics of data in public policy.

#### **Rules & Requirements**

Prerequisites: At least one semester of statistics

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: MacCoun

PUB POL 280 Ethics, Policy, and the Power of Ideas 4 Units This seminar brings together two related frames for policy thinking: the ethics of policy, that is, what does it mean to do the right thing? and the intervention of policy, that is, how do new policy paradigms emerge? Those who seek to govern well inescapably confront questions of value in their political, professional, and personal choices. the discussion of ethical dilemmas, which will take up the first half of the semester, is designed to provoke analytic reflection on the moral challenges and responsibilities of public policymaking in a democracy. The focus is on the many and often competing obligations, commitments and values that should guide public actors, as well as on the public principles that guide the design of good public policy. Politics and conventional analytics dominate policy in the short run. But over the longer term, conceptualizations as varied as exit/voice/loyalty, satisficing, the tipping point, memes, winner-take-all, strong democracy, broken windows, and the prisoners dilemma profoundly influence the policy conservation. Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

#### **Additional Details**

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

#### Instructor: Kirp

PUB POL 282 Environment and Technology from the Policy and Business Perspective 4 Units

Most environmental issues involve technology, either in the role of "villain" or "hero." This course uses the lens of specific technologies to survey environmental policy and management, with an emphasis on the complexities of policy-making with diverse interest groups. The class includes case studies, guest practitioners, and a group project in which students employ a range of analytic tools and frameworks in order to develop creative, effective, and actionable environmental solutions. **Hours & Format** 

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

#### **Additional Details**

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Taylor

#### PUB POL C284 Energy and Society 4 Units

Energy sources, uses, and impacts; an introduction to the technology, politics, economics, and environmental effects of energy in contemporary society. Energy and well-being; energy international perspective, origins, and character of energy crisis. Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Kammen

#### Also listed as: ENE, RES C200

PUB POL C285 Nuclear Security: The Nexus Between Policy and Technology 4 Units

The course will review the origins and evolution of nuclear energy, how it has been applied for both peaceful and military purposes, and the current and prospective challenges it presents. The purpose of the course is to educate students on the policy roots and technological foundations of nuclear energy and nuclear weapons so they are positioned to make original contributions to the field in their scholarly and professional careers.

#### Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructors: Nacht, Prussin

Also listed as: NUC ENG C285

#### PUB POL 286 US National Security Policy 4 Units

An extensive examination of contemporary U.S. national security issues and how policy is developed and implemented. Topics include Russia after the Cold War with emphasis on nuclear and biological weapons; crisis decision-making and the key players in national security policy; the struggle against terrorism, especially since 9/11, with some reference to homeland security; the challenges to U.S. policy in the Middle East after the Arab spring; China as the chief great power rival; and the role of unmanned vehicles, cyber, and special operations as key elements of U.S. policy. Students will write policy memos, participate in crisis simulation exercises, and complete a take-home final examination. **Hours & Format** 

Fall and/or spring: 15 weeks - 3 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: Nacht

PUB POL 288 Risk and Optimization Models for Policy 4 Units Optimization and simulation models in stochastic and deterministic contexts. Monte Carlo simulation, Bayesian models and decisions, linear and nonlinear programming, queing models, and a review of heuristics and biases in individual risk assessment. Hands-on exploration of tools oriented to management and policy decisions in public and nonprofit organizations. Objective for students: lifelong habit of learning and using new analytic methods.

#### **Rules & Requirements**

Prerequisites: One course in statistics/probability

**Hours & Format** 

Fall and/or spring: 15 weeks - 4 hours of lecture per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

Instructor: O'Hare

PUB POL 290 Special Topics in Public Policy 1 - 4 Units Course examines current problems and issues in the field of public policy. Topics may vary from year to year and will be announced at the beginning of the semester. Open to students from other departments. **Rules & Requirements** 

**Repeat rules:** Course may be repeated for credit with consent of instructor. Course may be repeated for credit when topic changes.

#### Hours & Format

#### Fall and/or spring:

7 weeks - 2-8 hours of lecture per week 15 weeks - 1-4 hours of lecture per week

#### **Additional Details**

Subject/Course Level: Public Policy/Graduate

#### Grading: Letter grade.

PUB POL 292 Directed Advanced Study 1 - 12 Units Open to qualified graduate students wishing to pursue special study and research under direction of a member of the staff. **Rules & Requirements** 

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

#### Hours & Format

Fall and/or spring: 15 weeks - 1-12 hours of independent study per week

Summer: 10 weeks - 1.5-18 hours of independent study per week

#### **Additional Details**

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

PUB POL 295 Supervised Research Colloquium 1 - 9 Units Open to qualified graduate students wishing to pursue special research under direction of a member of the staff. Discussion and analysis of dissertation research projects, including conceptual and methodological problems of designing and conducting policy research. **Rules & Requirements** 

Prerequisites: Graduate standing

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

Hours & Format

Fall and/or spring: 15 weeks - 0 hours of independent study per week

**Additional Details** 

Subject/Course Level: Public Policy/Graduate

Grading: Offered for satisfactory/unsatisfactory grade only.

PUB POL 296 Ph.D. Seminar 3 Units Discussion and analysis of dissertation research projects, including conceptual and methodological problems of designing and conducting public policy research.

#### **Rules & Requirements**

**Prerequisites:** Must be a Ph.D. student in public policy in third year or beyond

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

#### Hours & Format

Fall and/or spring: 15 weeks - 2 hours of seminar and 1 hour of discussion per week

#### **Additional Details**

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

PUB POL 297 Graduate Student Led Course in Public Policy 1 Unit Course examines current problems and issues in the field of public policy. Topics vary from year to year. **Rules & Requirements** 

Prerequisites: Open to graduate students only

**Repeat rules:** Course may be repeated for credit as topic varies. Course may be repeated for credit when topic changes.

#### Hours & Format

#### Fall and/or spring:

7 weeks - 3 hours of lecture per week 15 weeks - 1.5 hours of lecture per week

#### **Additional Details**

Subject/Course Level: Public Policy/Graduate

Grading: Offered for satisfactory/unsatisfactory grade only.

PUB POL 298 Directed Advanced Study 1 - 12 Units Open to qualified graduate students wishing to pursue special study and research under direction of a member of the staff. **Rules & Requirements** 

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

#### Hours & Format

Fall and/or spring: 15 weeks - 0 hours of independent study per week

#### Summer:

6 weeks - 1-5 hours of independent study per week 8 weeks - 1-4 hours of independent study per week

#### **Additional Details**

Subject/Course Level: Public Policy/Graduate

Grading: Offered for satisfactory/unsatisfactory grade only.

PUB POL 299 Independent Study in Preparation for the Advanced Policy Analysis 3 Units

By arrangement with faculty. Open only to qualified second-year graduate students working toward the M.P.P. degree.

#### **Rules & Requirements**

#### Prerequisites: Consent of faculty

**Repeat rules:** Credit to be awarded on completion of the Master's thesis. Course may be repeated for credit when topic changes.

Hours & Format

Fall and/or spring: 15 weeks - 0 hours of independent study per week

#### Additional Details

Subject/Course Level: Public Policy/Graduate

Grading: Letter grade.

#### PUB POL 375 GSI Practicum 2 Units

This course is directed at Graduate Student Instructors for undergraduate and graduate courses, and reviews the most important elements of effective teaching, especially teaching graduate students in professional programs like the Master of Public Policy. It satisfies the graduate division requirement for a 300 course for GSI's.

### Hours & Format

Fall and/or spring: 15 weeks - 2 hours of lecture per week

#### **Additional Details**

Subject/Course Level: Public Policy/Professional course for teachers or prospective teachers

Grading: Letter grade.

Instructor: O'Hare

Formerly known as: Public Policy 300