School of Public Policy and Urban Affairs

Graduate Programs
2014-2015
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Our Mission:
To educate students for a life of fulfillment and accomplishment.
To create and translate knowledge to meet global and societal needs.

Northeastern University is an equal opportunity/affirmative action Title IX education institution and employer.

Tuition rates, all fees, rules and regulations, courses, and course content are subject to revision by the President and the Board of Trustees at any time.

Northeastern University is accredited by the New England Association of Schools and Colleges, Inc.

July 2014

Material subject to revision.
The School of Public Policy & Urban Affairs is nationally and internationally recognized for excellence and innovation in policy-oriented education, applied research, and engagement. Our mission is (1) to educate professional master’s and doctoral students who are sought after as policy analysts, program evaluators, and leaders of nonprofit, public, private sector, and academic institutions; (2) to create and disseminate policy relevant knowledge and analytical methods of value to policy makers and the public; (3) to serve the broader community through policy analysis and technical assistance.

The School is committed to excellence in research and education on pressing and emerging policy issues of the day – public health, climate change, environmental challenges, the court and justice systems and creating sustainable and resilient cities that provide economic opportunity for their residents. We define our approach as locally informed and internationally relevant. Our hallmark is to engage students in building the world they would like to live in through experiential learning opportunities and applied research.

The School offers five degree programs: the Doctor of Philosophy and the Master of Science in Law and Public Policy, the Master of Public Administration, the Master of Science in Urban Informatics, and the Master of Science in Urban and Regional Policy. In addition, five graduate certificates are offered: Data Science; Nonprofit Sector, Philanthropy, and Social Change; Public Policy Analysis; Urban Informatics; and Urban Studies.

**Admission**

The application, application fee, unofficial transcript(s), personal statement, resume, and three letters of recommendation are all submitted online at [www.northeastern.edu/cssh/graduate](http://www.northeastern.edu/cssh/graduate). The Test of English as a Foreign Language (TOEFL) is required for international students. The minimum required TOEFL score is 79-80.

Please note that applicants to the Law and Public Policy (LPP) Program should submit a personal statement that explains the applicant’s interest in an interdisciplinary program and describe a proposed field of study. All LPP applicants are also required to submit GRE scores. Official GRE scores are submitted to Northeastern University (institution code 3682) by the Educational Testing Service. Applicants jointly applying to the School of Law and the Law and Public Policy program should consult the Graduate Office at gradcssh@neu.edu or 617-373-5990 to discuss the application process.
Deadlines:

Fall Term
- **January 10**: PhD program (priority deadline)
- **February 1**: Master's applicants (priority deadline)
- **May 1**: Master's applicants (international)
- **August 1**: Master's applicants (non-international)

Spring Term
- **October 1**: Master's applicants (international)
- **December 1**: Master's applicants (non-international)

Summer 1 Term
- **April 1**: MPA and MS in Urban and Regional Policy applicants

Summer 2 Term
- **June 1**: MPA applicants

Financial Support

Several types of financial assistance are available for graduate students in the School of Public Policy and Urban Affairs and in the University. The two types of assistance described below are awarded by the College based on academic achievement.

In addition, the Office of Graduate Student Financial Services can act as a resource for information about federal loan programs. Students can apply for financial aid by completing an online FAFSA form. Please contact the Office of Graduate Student Financial Services at: www.northeastern.edu/financialaid/.

College of Social Sciences and Humanities Dean’s Scholarships provide a tuition discount of a predetermined graduate CSSH semester hour of credit to masters-level students. Decisions on this type of merit-based financial aid are usually made at the same time admissions decisions are determined. CSSH Dean’s Scholarship recipients must be enrolled in at least eight semester hours of credit per semester.

Stipended Graduate Assistantships (SGAs) are awarded to doctoral students and they provide a stipend, full tuition scholarship, and student health insurance. SGAs must be enrolled in six semester hours of credit each semester.
Advising

Academic advising is a critical part of a student’s experience in the graduate program. New students are assigned faculty advisors and are welcome to subsequently change advisors as they fine-tune their academic and career objectives. Advising covers substantive questions in the student’s field of study as well as long-term academic and career planning. Students are strongly urged to speak to an advisor before registering for courses each semester. Any change in advisor must be reported to the Director of the Program. Doctoral students work with a Dissertation Chair once candidacy is achieved.

Directed Study

A directed study is an individual reading and research course arranged between a student and a faculty member. A directed study is an opportunity for more in-depth analysis of a particular topic or the study of a subject matter not covered in the Program’s curriculum. Directed studies carry three semester hours for academic credit. Prior to the start of a directed study, the student and the faculty member must prepare a syllabus that outlines required readings, writing assignments, and other work to be performed by the students, as well as criteria for determining the student’s grade. The syllabus represents a contract between the student and the faculty member that clarifies the responsibilities and expectations of each party.

Satisfactory Academic Progress

Satisfactory progress means satisfying requirements in the College of Social Sciences and Humanities Graduate Programs General Regulations and in the regulations specified in the departmental booklet. The College sets minimum standards for all students to fulfill. Law and Public Policy doctoral students must maintain a grade point average of 3.500 in the core courses. Masters students must maintain an overall grade point average of 3.000 as well as a 3.000 in the core courses.

Each PhD student will have an annual review of his/her progress toward the degree.

Receipt of financial support administered by the Graduate Office is contingent on satisfactory academic progress toward the degree and on meeting department-specific guidelines. See the College of Social Sciences and Humanities Graduate Programs General Regulations for further details.
Academic Probation

A student who fails to make satisfactory progress is placed on academic probation, which is a warning that the student may not be allowed to continue in the Program unless the deficiency is addressed. Students should monitor their own academic records to ensure that they are meeting Program standards. Program personnel monitor transcripts each semester and will report the failure to maintain satisfactory progress to the individual students, his or her advisor, and the Director of the Program.
School of Public Policy and Urban Affairs
Faculty

Interim Director of the School

Matthias Ruth, PhD, University of Illinois
Professor, School of Public Policy and Urban Affairs
Jointly appointed with the College of Engineering
Fields: Environmental economics, climate change

Graduate Program Directors

Christopher Bosso, PhD, University of Pittsburgh
Law and Public Policy, Master of Science program
Professor, School of Public Policy and Urban Affairs
Fields: Public policy, environmental policy, urban food systems

Alan Clayton-Matthews, PhD, Boston College
Law and Public Policy, Doctor of Philosophy program
Associate Professor, School of Public Policy and Urban Affairs and Department of Economics
Fields: Research methods, statistics, public finance

Matthias Ruth, PhD, University of Illinois
Urban Informatics, Master of Science program
Interim Director and Professor, School of Public Policy and Urban Affairs
Jointly appointed with the College of Engineering
Fields: Environmental economics, climate change

Gavin Shatkin, PhD, Rutgers University
Urban and Regional Policy, Master of Science program
Associate Professor, School of Public Policy and Urban Affairs and School of Architecture
Fields: Urban development, globalization, housing and community development

Thomas J. Vicino, PhD, University of Maryland
Master of Public Administration program
Associate Professor, Department of Political Science
Fields: Public policy, urban politics, urban and metropolitan development
Director of Academic Programs

Laurie Dopkins, PhD, Rutgers University
Fields: Evaluation research, nonprofit studies

Graduate Program Administrator

Louis DaRos
l.daros@neu.edu
617.373.5913

Core Faculty and Instructors

Len Albright, PhD, University of Chicago
Assistant Professor, School of Public Policy and Urban Affairs and Department of Sociology and Anthropology
Fields: Urban sociology, housing and community development

Judith Barr, ScD, Harvard University and MEd, University of Massachusetts
Associate Professor, Bouvé College of Health Sciences
Fields: Health policy, pharmacoconomics, outcome assessment

Barry Bluestone, PhD, University of Michigan
Russell B. and Andree B. Stearns Trustee Professor
Director, Dukakis Center for Urban and Regional Policy
Fields: Urban and regional policy, urban economics

Lee Breckenridge, JD, Harvard University
Professor, School of Law
Fields: Environmental law, natural resources, land use

James J.T. Connolly, PhD, Columbia University
Assistant Professor, School of Public Policy and Urban Affairs and Department of Political Science
Fields: Spatial analysis, urban environmentalism, urban planning

Martha Davis, JD, PhD, Massachusetts Institute of Technology
Professor, School of Law
Fields: Developmental psychology, rehabilitation and special education

Richard Daynard, PhD, Massachusetts Institute of Technology
Professor, School of Law
Fields: Product liability, psychiatry and law, litigative strategies
William Dickens, PhD, Massachusetts Institute of Technology  
*Chair and University Distinguished Professor of Economics, Department of Economics*  
*Professor, School of Public Policy and Urban Affairs*  
*Fields: Behavior and public policy, economics*

Michael S. Dukakis, JD, Harvard University  
*Distinguished Professor, Department of Political Science*  
*Fields: Public policy, health policy, public management*

Peter Enrich, PhD, Harvard Law School  
*Professor, School of Law*  
*Fields: Environmental sociology, political economy, Central America, social theory*

Joan Fitzgerald, PhD, The Pennsylvania State University  
*Professor, School of Public Policy and Urban Affairs*  
*Fields: Economic and workforce development, sustainable cities and climate change*

James Alan Fox, PhD, University of Pennsylvania  
*Lipman Family Professor of Criminal Justice*  
*Professor, School of Criminology and Criminal Justice*  
*Fields: Homicide, youth violence, quantitative methods*

Daniel Givelber, LLB, Harvard University  
*Professor School of Law*  
*Fields: Criminal law, criminal procedure, evidence and torts*

Greg Goodale, PhD, University of Illinois  
*Associate Professor, Department of Communication Studies*  
*Fields: Race, gender and disability; persuasion*

Brian Helmuth, PhD, University of Washington  
*Professor and Director, Marine and Environmental Sciences*  
*Professor, School of Public Policy and Urban Affairs*  
*Fields: Environmental policy, ecological forecasting, sustainability*

Timothy Hoff, PhD, University of Albany, SUNY  
*Associate Professor, jointly appointed with D'Amore McKim School of Business*  
*Fields: Health care quality, U.S. health reform implementation, health workforce studies, health care innovation*

Patricia Illingworth, PhD, University of California at San Diego  
*Professor, Department of Philosophy and Religion*  
*Fields: Bioethics, business ethics, ethics and philanthropy*
Benedict Jimenez, PhD, University of Illinois
Assistant Professor, Department of Political Science
Fields: Budgeting, state and local finance, public management

Woody Kay, JD, Indiana University
Associate Professor, Department of Political Science
Fields: Organizational theory, public policy, science and technology policy

Shelley Kimelberg, PhD, Harvard University
Assistant Professor, Department of Sociology and Anthropology
Fields: Urban sociology, economic development, social policy

Thomas Koenig, PhD, University of California at Santa Barbara
Professor, Department of Sociology and Anthropology
Fields: Sociological theory, sociology of business and public agencies

Daniel McCarthy, DBA, Harvard University
D’Amore-McKim School of Business Distinguished Professor
Professor, Department of Entrepreneurship and Innovation
Fields: Management systems, business-governmental relations

Alicia Sasser Modestino, PhD, Harvard University
Associate Professor, School of Public Policy and Urban Affairs and Department of Economics
Fields: Regional economics, labor economics, health economics, housing, inequality and social policy

Shan Mohammed, MD, Case Western Reserve University School of Medicine; MPH, Boston University
Associate Clinical Professor, Department of Health Sciences
Fields: Public health education, health and human rights, substance abuse

Carl Nelson, PhD, University of Manchester, England
Associate Professor, Department of International Business & Strategy
Fields: Health care management and policy

Daniel T. O’Brien, PhD, Binghamton University
Assistant Professor, School of Public Policy and Urban Affairs and School of Criminology and Criminal Justice
Fields: Urban studies, communities and crime, evolutionary theory

Richard O’Bryant, PhD, Massachusetts Institute of Technology
Director, John D. O’Bryant African-American Institute
Fields: Science and technology policy, urban and regional politics, community-based research
Dietmar Offenhuber, PhD, Massachusetts Institute of Technology
Assistant Professor, College of Arts, Media, and Design and School of Public Policy and Urban Affairs
Fields: Urban informatics, data visualization, waste management

Wendy Parmet, PhD, Harvard University
Professor, School of Law
Fields: Public health law, health law and torts

Stephanie Pollack, JD, Harvard University
Associate Director - Research, School of Public Policy and Urban Affairs
Fields: Policy strategy, transportation, smart growth and sustainability

John H. Portz, PhD, University of Wisconsin
Professor and Graduate Program Director, Department of Political Science
Fields: Public policy and administration, education policy, state and urban politics

Gordana Rabrenovic, PhD, State University of New York at Albany
Associate Professor, Department of Sociology and Anthropology
Fields: Organizations, urban sociology

David Rochefort, PhD, Brown University
Arts and Sciences Distinguished Professor, Department of Political Science
Fields: Public policy analysis, health care, social welfare policy, community-based research

Michael C. Tolley, PhD, Johns Hopkins University
Associate Professor, Department of Political Science
Fields: Public law, administrative law, comparative constitutionalism

Liza Weinstein, PhD, University of Chicago
Assistant Professor, Department of Sociology and Anthropology
Fields: Urban sociology, globalization

Lucy Williams, JD, University of Chicago
Professor, School of Law
Fields: Welfare law and low-wage labor
Law and Public Policy Graduate Programs

Law and Public Policy (LPP) is an interdisciplinary program that offers the PhD, MS, and JD/MS degrees. It prepares students for careers in research, teaching, government, nonprofit, or legal institutions. LPP examines law, legal institutions, and public policy from an interdisciplinary social science perspective. The curriculum incorporates several social science and legal theoretical perspectives and both quantitative and qualitative research methodologies. Students engage in policy analysis and applied research in several fields including health policy, sustainability and climate change, and urban policy.

Students work with faculty members to plan the study of their area of concentration, choosing courses from graduate programs throughout Northeastern University. They also study a common body of knowledge developed in required courses on law, policy, social science research methods, and legal research. Affiliated faculty members from different departments and colleges work with students, advising them in their academic plans, their coursework, and their research. Both faculty affiliated with the program and those not affiliated, including scholars from other universities and academic settings, provide advice and supervision for students’ dissertation research.

Research takes place in several academic departments, graduate programs, and research centers. The research centers are resources for students and faculty, providing an opportunity for faculty members and students from different parts of the University to collaborate on common topics of interest. Students are encouraged to discuss their research interests and projects with faculty in these centers and throughout the University. The program assists students doing dissertation research or other projects in finding external sources of funding for their activities and, as needed, provides support for administration of research grants and contracts.

Law and Public Policy

Doctor of Philosophy Degree

The PhD program is open to well-qualified applicants holding a master’s degree or a professional degree such as a JD, MBA, or MPA, and a few well-qualified applicants with only a bachelor’s degree. Students with master’s level or professional degrees take a minimum of 36 semester hours of coursework; those with a bachelor’s degree will be required to take a minimum of 42 semester hours. Students with advanced degrees will design a plan of study that combines core and concentration courses that complement their backgrounds and interests. Students are expected to complete all coursework within three years, maintaining a 3.5 GPA or better in the core courses, and take the comprehensive examination in the following semester. A student then becomes a PhD candidate and is required to complete a dissertation within five years.
### Sample Core Curriculum

#### Core Courses [22 sh]

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit (sh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LW 7561</td>
<td>Strategic Litigation</td>
<td>2 sh</td>
</tr>
<tr>
<td>LPSC 7305</td>
<td>Research and Statistical Methods</td>
<td>3 sh</td>
</tr>
<tr>
<td>LPSC 7308</td>
<td>Law and Legal Reasoning</td>
<td>3 sh</td>
</tr>
<tr>
<td>LPSC 7310</td>
<td>Research Design and Analysis</td>
<td>3 sh</td>
</tr>
<tr>
<td>LPSC 7311</td>
<td>Strategizing Public Policy</td>
<td>3 sh</td>
</tr>
<tr>
<td>ECON 7270</td>
<td>Economics of Law and Regulation</td>
<td>4 sh</td>
</tr>
<tr>
<td>PHIL 7240</td>
<td>Ethics and Public Policy</td>
<td>4 sh</td>
</tr>
</tbody>
</table>

Prior to entering the program, students are required to demonstrate a knowledge of basic statistics, usually satisfied by an undergraduate course. Students also are required to be familiar with sufficient microeconomic theory to be prepared for Economics of Law and Regulation. Students should consult the instructor to see if their preparation in microeconomic theory is sufficient for the course.

### Individual Program Design and Approval

All students have their own advisor to help them define their area of concentration and develop their plan of study – called program statements – including the courses they plan to take. The study plan should be interdisciplinary, including courses from at least three departments or schools. The requirements for core courses are waived for students who have taken substantially the same courses before; however, credits are not waived. The student’s advisor meets with each student in the first year to discuss the program statement and may recommend revisions before approving the plan.

### Comprehensive Examination

After completing all course requirements, each PhD student must pass the comprehensive examination – a written examination on the core courses and other representative literature. Topics include law and legal institutions, research methodology, and public policy and policymaking. The examination is offered at the end of the Fall and Spring semesters. Students are expected to take the LPP comprehensive examination in the semester following the completion of all coursework. Students are allowed to re-take the exam once.

### Degree Candidacy

Degree candidacy is established when the student has completed all coursework and has passed the comprehensive examination. Once a student reaches doctoral degree candidacy, the Graduate Office will certify the student’s status in writing. After establishing degree candidacy, registration must be continuous until graduation requirements are complete. For each of the first two semesters of candidacy, the student must register for Doctoral
Dissertation. Thereafter, students must register for Doctoral Dissertation Continuation until the dissertation is approved by the College and submitted to Proquest, including the full summer semester, if that is when the defense occurs.

**Dissertation Proposal**

During the two semesters degree candidates are registered for Doctoral Dissertation, they are required to attend a bi-weekly research seminar. The purpose of the seminar is to assist students in deciding on a thesis topic, developing an outline for a dissertation, and establishing a dissertation committee. The key outcome is for students to identify a research topic and have, at a minimum, a plan for a research design and outline of the dissertation. By the end of two semesters, the student must form a dissertation committee and present the research design to the seminar. Students should consult the Guide to Dissertation Requirements for specific information on how to select committee members and complete the requirements in a timely fashion.

Students not submitting a proposal in this timeframe are deemed to be not making adequate progress in the program and are required to register for dissertation continuation. Students who have not had their proposals approved by the end of the second semester will have one additional semester to work with their committee to complete a final draft.

Dissertation committees have to be approved by the LPP executive committee. To get approval, students should submit a proposal to form a dissertation committee to the LPP executive committee. Each member of the dissertation committee should be identified and his/her expertise related to the topic stated.

Once the proposal has been approved by the dissertation committee, students should notify the instructor of the research seminar. Students then continue dissertation research under the guidance of the committee.

**Dissertation**

An original doctoral dissertation is required of all doctoral students, in accordance with the general regulations of the College.

**Final Oral Examination**

Doctoral candidates defend their dissertations in public meetings conducted by the chairs of their dissertation committees. The public meeting must be advertised for two weeks prior to the defense.
**Law and Public Policy**

**Master of Science Degree**

The MS program offers students the opportunity to learn about applied social science, examining the nature of the American legal and policymaking systems, or comparing the American systems with those in other countries. Students may attend either part-time or full-time.

**Sample Curriculum**

<table>
<thead>
<tr>
<th>Core Courses [23 sh]</th>
<th>Credit (sh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPSC 6313 Economic Analysis for Law, Policy and Planning</td>
<td>3 sh</td>
</tr>
<tr>
<td>LPSC 7305 Research and Statistical Methods</td>
<td>3 sh</td>
</tr>
<tr>
<td>LPSC 7308 Law and Legal Reasoning</td>
<td>3 sh</td>
</tr>
<tr>
<td>LPSC 7311 Strategizing Public Policy</td>
<td>3 sh</td>
</tr>
<tr>
<td>PHIL 7240 Ethics and Public Policy</td>
<td>4 sh</td>
</tr>
<tr>
<td>POLS 7318 Techniques of Program Evaluation</td>
<td>3 sh</td>
</tr>
<tr>
<td>PPUA 6206 - 6213 Research Toolkit for Urban and Regional Policy</td>
<td>1 sh</td>
</tr>
<tr>
<td>PPUA 7673 Capstone Project in Urban and Regional Policy</td>
<td>3 sh</td>
</tr>
</tbody>
</table>

**Electives [14 sh]:** One elective must be taken in the law school (2 sh). The other four electives (12 sh) are in the student’s policy focus area – sustainability, climate change and environment, health policy, and urban policy.

**Internship:** Students entering the program without two years of relevant experience in the field may be advised to complete an internship of 225 hours. A petition with appropriate approvals is required for all internships.

**Degree Requirements**

The Master of Science in Law and Public Policy degree requires 37 semester hours of academic credit. Students must attain an overall grade point average of 3.000 as well as a grade point average of 3.000 in the eight core courses. A total of six semester hours (two courses) may be repeated in order to satisfy degree requirements.
The interdisciplinary graduate program is designed for students wanting a solid background in public policy. Students apply separately to both programs and must be accepted to the Law School and to the College. Students complete the MS degree after the first year of law school. The MS portion of the JD/MS Dual Degree requires 37 semester hours of academic credit.

**Sample Curriculum**

<table>
<thead>
<tr>
<th>Core Courses [22 sh]</th>
<th>Credit (sh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPSC 6313 Economic Analysis for Law, Policy and Planning</td>
<td>3 sh</td>
</tr>
<tr>
<td>LPSC 7305 Research and Statistical Methods</td>
<td>3 sh</td>
</tr>
<tr>
<td>LPSC 7308 Law and Legal Reasoning</td>
<td>3 sh</td>
</tr>
<tr>
<td>PHIL 7240 Ethics and Public Policy</td>
<td>4 sh</td>
</tr>
<tr>
<td>POLS 7318 Techniques of Program Evaluation</td>
<td>3 sh</td>
</tr>
<tr>
<td>PPUA 6206 - 6213 Research Toolkit for Urban and Regional Policy</td>
<td>3 sh</td>
</tr>
<tr>
<td>PPUA 7673 Capstone Project in Urban and Regional Policy</td>
<td>3 sh</td>
</tr>
</tbody>
</table>

**Electives [3 sh]**: One elective is taken in the student's policy focus area – sustainability, climate change and environment, health policy, and urban policy.

**Double-counting [12 sh]**: LPSC 7311 (3 sh) and 12 quarter hours (9 sh) taken in the School of Law will double-count in the Juris Doctor and the Master of Science Degree.
Master of Public Administration Degree

Founded in 1969, the Master of Public Administration (MPA) Program at Northeastern integrates theoretical foundations with practical skills in the public and non-profit sectors. The MPA Program is closely affiliated and supported by faculty and coursework with the Department of Political Science and the School of Public Policy and Urban Affairs. The Program is accredited by the Network of Schools of Public Policy, Affairs, and Administration (NASPAA), which is the membership organization of graduate education programs in public policy, public affairs, public administration, and public and non-profit management. As the recognized accreditor of master’s degree programs in these fields, the accreditation ensures excellence in education and training for public service and promotes the ideal of public service.

The mission of the MPA Program at Northeastern University is:

*To serve the needs of the public affairs community, including students, working professionals, faculty, and researchers, by providing a practice-oriented and research-based graduate educational experience. The faculty pledge the best instruction available in a set of courses designed to integrate theoretical foundations with practical skills. Our MPA Program will prepare students to be effective in a dynamic and increasingly diverse professional environment. We also commit ourselves to assisting students in every possible way to secure internships, post-graduate employment, and overall career advancement. Students, in turn, are expected to meet high levels of academic excellence combined with ethical and professional integrity. Committed to the ideals of public service and advancing the public interest, we seek students who share the same enthusiasm.*

The MPA Program works with students to help develop and sharpen their skills and capacities for a management and leadership career in public service in a dynamic and increasingly diverse professional environment. The MPA degree provides a practice-oriented and research-based graduate educational experience that serves the needs of the public affairs community. With courses offered on-campus and online, students can take courses on either a full-time or part-time basis between these platforms.

**Sample Curriculum**

<table>
<thead>
<tr>
<th>Core Courses [24 sh]</th>
<th>Credit (sh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 7202 Quantitative Techniques</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7203 Techniques of Policy Analysis</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7301 Public Personnel Administration</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7302 Organizational Theory and Management</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7303 Public Budgeting and Financial Management</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7304 Economic Institutions and Analysis</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7305 Institutional Leadership and the Public Manager</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7306 Capstone Seminar in Public Policy and Public Management</td>
<td>3 sh</td>
</tr>
</tbody>
</table>
Electives [18 sh]: All students must take 18 semester hours drawn from a list of approved offerings covering a range of topic and focus areas, including (for example): state and local government; economic development; non-profit management; social welfare; health care; public finance; environmental management; education; security and resilience; and urban government.

Internship: All students without prior full-time work experience will be classified as “pre-service students” and will be required to take POLS 7407 (3 sh) as one of their electives. An internship is composed of at least 300 hours of work over a semester and concludes with a written analysis of the internship experience and work performed, with a specific topic approved by the supervising faculty member. A petition with appropriate approvals is required for all internships.

Degree Requirements

Each student must earn 42 semester hours (fourteen courses) of academic credit to qualify for the Master of Public Administration degree. Students must have attained an overall grade point average of 3.000 as well as a grade point average of 3.000 in the eight core courses. A total of six semester hours (two courses) may be repeated in order to satisfy degree requirements. Up to nine semester hours of graduate level credits from other accredited institutions can be transferred into the MPA Program. A petition must be submitted to the Director of the MPA Program for transfer of these credits.
Master of Science Degree
Urban Informatics

The Master of Science in Urban Informatics (MSUI) will launch in Spring 2015. The MSUI program couples comprehensive data analytics skills with an understanding of the big questions faced by cities. Graduates of the program will be provided with a framework that outlines the major social, political and environmental challenges in contemporary urbanization along with a focus on the data analytics skills that can help to address these challenges.

The MSUI program is built upon a unique cross-college initiative at Northeastern University, which offers comprehensive state-of-the-art training in the core skills of data analytics including quantitative analysis, data mining, machine learning, and data visualization. Students in the MSUI program supplement training in these core skills with a sequence of courses that tackle how data and technology are being used to address the key social and environmental challenges faced by contemporary cities. This theoretically informed perspective on urban data and technology is applied through professional research practicums and client-based projects.

Graduates from the Urban Informatics program will be a part of the next wave of urban professionals ready to integrate data analytics skills with knowledge of the socio-political dimension of cities. Given the continuous growth in urban data and technology, these professionals will be essential to shaping the future of cities throughout the globe.

This program provides a uniquely integrated urban and informatics degree with a substantial experiential education component. Course work connects substantial education in data analytics with applied policy and urban theory. As cities increasingly define the frontier of professional applications in data analytics, such training is essential for our urban future.

Sample Curriculum

<table>
<thead>
<tr>
<th>Core Courses [32 sh]</th>
<th>Credit (sh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four core Data Science courses (Pending approval)</td>
<td>16 sh</td>
</tr>
<tr>
<td>PPUA 5262 Big Data for Cities - Visual Data Mining Strategies</td>
<td>3sh</td>
</tr>
<tr>
<td>PPUA 5266 Designing Participatory Urban Infrastructures</td>
<td>3sh</td>
</tr>
<tr>
<td>PPUA 5263 Geographic Information Systems for Urban and Regional Policy</td>
<td>3sh</td>
</tr>
<tr>
<td>Urban Informatics Portfolio (pending approval)</td>
<td>1sh</td>
</tr>
<tr>
<td>PPUA 7237 Advanced Spacial Analysis of Urban Systems - OR -</td>
<td>3sh</td>
</tr>
<tr>
<td>PPUA 5261 Dynamic Modeling for Environmental Investment and Policy Making</td>
<td>3sh</td>
</tr>
<tr>
<td>PPUA 6266 Research Practicum - OR -</td>
<td>3sh</td>
</tr>
<tr>
<td>PPUA 7673 Capstone</td>
<td>3sh</td>
</tr>
</tbody>
</table>
**Degree Requirements**

The Master of Science in Urban Informatics degree requires students to complete 32 credit hours. The coursework is structured around four interdisciplinary core courses and an additional 16 credits focused on urban-specific applications of core skills. The curriculum is designed to offer methodological rigor, a theoretical framework, and opportunities for applied experiences.

**Master of Science in Urban and Regional Policy Degree**

Cities and their metropolitan regions face a growing array of economic, social, environmental, and political challenges within the context of an increasingly complex and integrated global economy. Students in the Master of Science in Urban and Regional Policy (MURP) study and develop real-world solutions to these challenges. They engage in ongoing research and technical assistance on the important urban issues of our time in Boston and in cities around the nation and the world.

The program is premised on the need for urban policy analysts and practitioners to better understand two critical issues about 21st century metropolitan regions: (1) the opportunities and challenges for cities and suburbs of being part of a fully globalized economy, and (2) the opportunities and challenges for sustainability in a world of dwindling resources and environmental constraints. These challenges require more integrated approaches, and new kinds of urban policy experts and leaders.

The MURP program is designed to provide sophisticated analytical skills combined with a thorough understanding of how cities and regions work so that our graduates will occupy key research and policymaking positions in an array of public, nonprofit, and private sector institutions. We expect program graduates to become the next generation of strategists in urban and regional policymaking, leaders with the ability to analyze global economic, technological and social trends, develop effective policy responses, and move those policies toward implementation.
Sample Curriculum

Core Courses [27 sh]

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit (sh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPUA 6201</td>
<td>The Twenty-First Century City: Urban Opportunities and Challenges in a Global Context</td>
<td>3 sh</td>
</tr>
<tr>
<td>PPUA 6205</td>
<td>Research Design and Methodology in Urban and Regional Policy</td>
<td>3 sh</td>
</tr>
<tr>
<td>PPUA 6206-6213</td>
<td>Research Toolkit</td>
<td>three 1 sh modules</td>
</tr>
<tr>
<td>LPSC 6313</td>
<td>Economic Analysis for Law, Policy &amp; Planning</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7202</td>
<td>Quantitative Techniques</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7315</td>
<td>Urban Development and Politics</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7318</td>
<td>Techniques of Program Evaluation</td>
<td>3 sh</td>
</tr>
<tr>
<td>LPSC 7311</td>
<td>Strategizing Public Policy</td>
<td>3 sh</td>
</tr>
<tr>
<td>PPUA 7673</td>
<td>Capstone Project in Urban and Regional Policy</td>
<td>3 sh</td>
</tr>
</tbody>
</table>

Electives [15 sh]: Students take 15 semester hours of elective courses in one of three policy focus areas – Urban Sustainability and Resilience; Urban Revitalization; or Housing and Community Development. With the approval of their advisor, they can also create a focus area geared to their specific policy interests.

Internship: Students entering the program without two years of relevant experience in the field must complete an internship of 225 hours. A petition with appropriate approvals is required for all internships.

Degree Requirements

Each student must earn 42 semester hours (or fourteen courses) of academic credit to qualify for the Master of Science in Urban and Regional Policy degree. Students must attain an overall grade point average of 3.000 as well as a grade point average of 3.000 in the nine core courses. A total of six semester hours (two courses) may be repeated in order to satisfy degree requirements. Up to nine semester hours of graduate level credits can be transferred into the MURP Program. These credits must be earned at an accredited institution in the US and not have been used toward a prior degree, and the student must have earned a B or better in the course. A petition is submitted to the Director of the MURP Program. If transfer credits are recommended by the program, the College will consider the petition.

Data Science Graduate Certificate

The Data Science Graduate Certificate will launch in Spring 2015. Please refer to [www.northeastern.edu/policyschool/education/graduate-certificates/](http://www.northeastern.edu/policyschool/education/graduate-certificates/) for more information about this new program.
The Graduate Certificate in the Nonprofit Sector, Philanthropy and Social Change will launch in Spring 2015. This certificate is designed for social change professionals to learn responses to social change theory, practice, and funding as these factors place new demands and expectations on their roles. Those in the nonprofit, public, and private sectors, including nonprofit leaders, philanthropists, policy makers, and corporate social responsibility managers will benefit from the material learned in the program. The Certificate may be completed on its own or in conjunction with other graduate degree programs.

The Certificate is comprised of four courses - two designated core courses and two approved electives:

<table>
<thead>
<tr>
<th>Required Curriculum (12 sh)</th>
<th>Credit (sh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 7308 Management of Social Change Organizations</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7309 The Nonprofit Sector and Philanthropy in Civic Society and Public Affairs</td>
<td>3 sh</td>
</tr>
<tr>
<td>Two Approved electives:</td>
<td></td>
</tr>
<tr>
<td>PPUA 5275 Philanthropy and Civil Society</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7303 Functions and Techniques of Public Management</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7311 Administrative Ethics and Public Management</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7318 Techniques of Program Evaluation</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7337 Nonprofit Financial Resource Development</td>
<td>3 sh</td>
</tr>
</tbody>
</table>

Students seeking to complete the stand-alone Certificate must first be admitted via the College of Social Sciences and Humanities. Please refer to [www.northeastern.edu/cssh/graduate/admissions](http://www.northeastern.edu/cssh/graduate/admissions) for information on applying. Students who would like to complete the Certificate while enrolled in a degree program must meet with the Graduate Program Director to devise a curriculum plan. For more information, please refer to the website: [www.northeastern.edu/policyschool/education/graduate-certificates/](http://www.northeastern.edu/policyschool/education/graduate-certificates/).
Public Policy Analysis Graduate Certificate

Graduate Program Director

Christopher Bosso, PhD, University of Pittsburgh
Professor, School of Public Policy and Urban Affairs
Fields: Public policy, environmental policy, urban food systems

This certificate provides an opportunity for students in diverse graduate programs at Northeastern University to obtain the tools necessary to analyze and shape public policy at the local, state and national levels. Students will also gain understanding of the political and legal process of policymaking, develop skills central to conducting research on policy questions, and learn techniques for evaluating the effectiveness of competing policies. The objectives of the Graduate Certificate in Public Policy Analysis are to:

• Use economic analysis to analyze and justify public policies
• Understand how policy is made through legislation, litigation, the ballot box and civil action in different policy areas.
• Use statistical analysis to understand and conduct social science and policy research
• Conduct program evaluations and design research projects.

Students enrolled in NU graduate degree programs in good standing (B or better GPA) should meet with the Program Director to devise a curriculum plan. For more information, please refer to the website: www.northeastern.edu/policyschool/education/graduate-certificates/.

Required Curriculum (12 sh) 

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit (sh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPSC 6313</td>
<td>Economic Analysis for Policy and Planning</td>
<td>3 sh</td>
</tr>
<tr>
<td>LPSC 7305</td>
<td>Research and Statistical Methods</td>
<td>3 sh</td>
</tr>
<tr>
<td>LPSC 7311</td>
<td>Strategizing Public Policy</td>
<td>3 sh</td>
</tr>
<tr>
<td>POLS 7318</td>
<td>Program Evaluation - or -</td>
<td>3 sh</td>
</tr>
<tr>
<td>PPUA 6205</td>
<td>Research Design and Methodology</td>
<td>3 sh</td>
</tr>
</tbody>
</table>
Urban Informatics Graduate Certificate

Graduate Program Director

Matthias Ruth, PhD, University of Illinois
Interim Director and Professor, School of Public Policy and Urban Affairs
Jointly appointed with the College of Engineering
Fields: Environmental economics, climate change

The Graduate Certificate in Urban Informatics will launch in Spring 2015. Please refer to www.northeastern.edu/policyschool/home/urban-informatics/ for more information about this new program.

Urban Studies Graduate Certificate

Graduate Program Director

Gavin Shatkin, PhD, Rutgers University
Associate Professor, School of Public Policy and Urban Affairs and School of Architecture
Fields: Urban development, globalization, housing and community development

The Graduate Certificate in Urban Studies provides a core foundation in urban and regional policy theory and research methods, and culminates in an applied capstone project. The Certificate is not a stand-alone program, but is anchored by and incorporated into participating graduate programs.

The Certificate is comprised of three designated core courses offered by the School of Public Policy and Urban Affairs and one elective (minimum of 3 sh) of the student’s choice from a qualifying graduate program.

Required Curriculum (12 sh)  Credit (sh)

PPUA 6201 The 21st Century City: Urban Opportunities and Challenges  3 sh
PPUA 6205 Research Design and Methodology
PPUA 6206-6208 Research Toolkit  3 sh
PPUA 7673 Capstone in Urban and Regional Policy  3 sh
Approved elective  3 sh

Students seeking to complete the Certificate must first be admitted directly into a participating
graduate program and must formally register for the Certificate in the first two weeks of the semester prior to that in which they plan to take the Urban Capstone. For more information, please refer to the website: www.northeastern.edu/policyschool/education/graduate-certificates/. 
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Boston, MA 02115-5000

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617.373.7905 (fax)

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www.northeastern.edu/policyschool