

Planning and Public Affairs

Director

Haifeng Qian

Graduate degrees: MPAff; MS in urban and regional planning

Faculty: <https://sppa.uiowa.edu/faculty-staff>

Website: <https://sppa.uiowa.edu/>

Planning and public affairs encompasses the development and implementation of public policies that improve the quality of life in cities, regions, states, and nations as well as protects the environment and sustains the earth. Concentration areas for the MS in urban and regional planning include economic development, land use and environmental planning, housing and community development, and transportation. Focus is on analytical urban planning, public policy, and sustainability. Concentration areas for the Master of Public Affairs include public and nonprofit management and public policy.

The School of Planning and Public Affairs is a campus leader in community engagement and hosts the Iowa Initiative for Sustainable Communities (IISC) through which students from disciplines across campus provide key answers to important sustainability questions for communities in Iowa.

Related Certificate

Transportation Planning

The Transportation Planning Program offers the Certificate in Transportation Planning. The program focuses on the varied and complex problems of transportation and on interdisciplinary approaches to addressing them. The departments of Civil and Environmental Engineering, Industrial and Systems Engineering, Mechanical Engineering (College of Engineering), Economics (Tippie College of Business), and the School of Planning and Public Affairs (Graduate College) participate in the program.

The certificate is coordinated by the School of Planning and Public Affairs. See the Certificate in Transportation Planning (Graduate College) in the catalog.

Programs

Graduate Programs of Study

- Master of Public Affairs
- Master of Science in Urban and Regional Planning

Courses

- Urban and Regional Planning Courses
- Public Affairs Courses

Urban and Regional Planning Courses

URP:1001 How to Change the World 3 s.h.

Have you ever wondered what it would take to solve our biggest societal problems (e.g., pollution, hunger, homelessness, access to health care)? Often the answer is through public policy—the programs, rules, and laws meant to guide society; introduction to public policy through case studies and examples of people and institutions that have truly changed the world; activities designed to help students change the world around them. GE: Social Sciences. Same as PBAF:1001.

URP:2013 Introduction to Sustainability 3 s.h.

Introduction to sustainability knowledge, skills, and habits as a means to shape one's vision of a sustainable citizen; emphasis on basic skills of literacy, applied math, and finding information; traditional sustainability knowledge areas related to society, economy, and environment; intersecting themes (e.g., informed consumerism, eco-economics, and livable environments). GE: Social Sciences; Sustainability. Same as BUS:2013, SEES:2013.

URP:2020 Environment and Society: Sustainability, Policy, and Politics 3 s.h.

How society balances its needs against those of the natural environment when addressing modern challenges like climate change, conservation, and energy crises; exploration of sustainability through the lens of U.S. environmental policy and politics; application of fundamental theories of public policy to answer questions—when do environmental problems become policy problems; what economic, social, and political forces shape environmental policy decisions; and what are the consequences of environmental policies for individuals and organizations? GE: Social Sciences; Sustainability. Same as PBAF:2020.

URP:2056 Cities Across the World 3 s.h.

Exploration and journey through space and time of global cities—London in the 1600s, Paris in the 1800s, and New Delhi in the 20th century—by use of videos and documentaries; how cities form and grow in response to social, political, cultural, and economic forces. GE: International and Global Issues. Same as PBAF:2056.

URP:3001 Planning Livable Cities 3 s.h.

Development of livable cities in the United States; economic, physical, environmental, and political forces that shape their growth; impact of planning, how it shapes the future of cities. Same as SEES:3920.

URP:3002 Foundations of Community Engagement 1 s.h.

Knowledge, skills, and tools necessary for meaningful community engagement. Through a combination of theoretical insights, case studies, and practical strategies, become better prepared to engage partners in community-engaged courses and future careers. Effectively engage with diverse community members, assess local issues, and incorporate best practices of community engagement into academic and professional work. Same as CSI:3002.

URP:3003 How Budgets Work: Behind the Numbers**3 s.h.**

Budgets aren't just about numbers; they reveal what governments value and how communities set priorities; students will be taken inside the world of government budgeting at all levels, with a special focus on state and local budgets that most directly affect people's lives; explore how budgets are created and carried out, how governments raise revenue through tools like taxation, and how decisions about spending shape programs and services; students will grapple with real policy trade-offs and see how budgets reflect political priorities, distribute resources, and shape everyday life. Same as PBAF:3003.

URP:3004 Undergraduate Research in Planning and Public Affairs**1-3 s.h.**

Hands-on involvement in scholarly research activities under faculty supervision. Same as PBAF:3004.

URP:3100 Contemporary Policy Issues**3 s.h.**

Review of contemporary policy issues and background information, such as budgeting and the relationship between policy and politics; policy analysis, writing, and collaboration skills. Same as PBAF:3100.

URP:3134 Regional and Urban Economics**3 s.h.**

Theory of location and regional development; central place theory; why cities exist and trade with one another; models of land use patterns, rents; empirical tests of models; policy applications. Prerequisites: ECON:1100. Same as ECON:3640.

URP:3135 Environmental and Natural Resource Economics**3 s.h.**

Environmental and resource use problems; efficient mechanisms and other policies for environmental protection, management of common property resources. Prerequisites: ECON:1100 and ECON:1200. Same as ECON:3625.

URP:3350 Transportation Economics**3 s.h.**

Overview of transportation markets—intercity, rural, urban; transportation modes—rail, highway, air, water, pipeline, transit; issues in finance, policy, planning, management, physical distribution, and environmental, economic, and safety regulation. Recommendations: ECON:1100 and ECON:1200. Same as ECON:3750, SEES:3940.

URP:4225 Applied GIS for Planning and Policy Making**3 s.h.**

Analysis of Census of Population and Housing data using GIS software; data and analytical needs of urban planners; coverage of GIS topics to plan functions of GIS and spatial analysis, varied GIS software in a planning organization; structure of the census. Same as PBAF:4225.

URP:4243 The Land Development Process**3 s.h.**

How land is developed; analysis of site suitability, preparation of subdivision plan, site plan review, development approval process, infrastructure and site preparation, negotiating local development politics; field trips.

URP:4245 Growth Management**3 s.h.**

Causes and consequences of urban sprawl, shortfalls in conventional land use planning; local and state growth management policies, techniques of policy implementation, positive and negative impacts of such policies; Smart Growth; emerging challenges.

URP:4253 Designing Sustainable and Healthy Cities**1-3 s.h.**

Principles and practical elements of urban design for sustainable and healthy cities; general urban design background for policy makers and planners; impacts of urban design for environmental sustainability, community health, and well-being; physical, mental, social, and environmental health as affected by urban form, air and water quality, green spaces, and climate change impacts. Same as PBAF:4253.

URP:4256 Environmental Policy**3 s.h.**

Environmental policy formation and politics; comparative international perspective on the United States' experience. Same as PBAF:4256.

URP:4260 Transportation Policy and Planning**3 s.h.**

Institutional setting for transportation planning, evolution of domestic transportation policy, international influences, transportation modes and markets, current sources of transportation planning information, emerging policy issues. Same as PBAF:4260.

URP:4262 Transportation Research Methods and Analysis**3 s.h.**

Methods for measuring current and future transportation demand based on changes in population, preferences, built environment, and changing policy objectives; survey design and analysis; basics of travel demand modeling. Same as CEE:4176.

URP:4266 Transportation, Urban Form, and Sustainability**3 s.h.**

Policies and interactions between transportation and land use; location theories and practices; transportation infrastructure, land use, and travel behavior modeling; current policies that influence travel behavior and urban form. Same as PBAF:4266.

URP:4271 Housing Policy**3 s.h.**

Recent housing policy initiatives at federal, state, and local levels.

URP:4273 Community and Economic Development**3 s.h.**

Examination of practices, ideas, and techniques for community development in small to large communities; particular focus on creative placemaking, in which planners and the public strategically shape the physical and social character of a neighborhood, town, city, or region around arts and cultural activities; application of this approach to a specific community project; for students in the arts, humanities, social sciences, and planning and public affairs. Same as PBAF:4273.

URP:4280 Planning for Disaster Mitigation and Recovery**2-3 s.h.**

Types of disasters that communities face; what role planners play, what role should they play; importance of hazard mitigation and planning for post-disaster recovery; where planners' unique skills play the most significant roles in aiding a community to redesign a safer future. Same as PBAF:4280.

URP:4295 Community & Economic Development Policy**3 s.h.**

Analysis of policies and programs at national, regional, state, and local levels that address problems of economic growth, development, decline.

URP:4750 Environmental Impact Analysis 3 s.h.

In-depth exposure to the history and evolution of the U.S. Environmental Impact Assessment (EIA) process; discussion of major court cases; ecological, economic, and political aspects of current environmental controversies; exposure to real-world scenarios that are crucial to understanding the EIA process in action; field trips to six or seven environmental control facilities in Iowa City and neighboring areas. Prerequisites: SEES:1070. Same as SEES:4750.

URP:5310 Informatics for Sustainable Systems 3 s.h.

Introduction to fundamental and advanced environmental informatics concepts and procedures including automated data collection, data management, data transformations, and processing to support modeling and analysis; scientific visualization of environmental data to support management of food, energy, and water (FEW) resources; sustainability in FEW systems. Same as CEE:5310, IGPI:5311.

URP:5678 Application Simulation to Transportation 3 s.h.

Transportation system management and traffic engineering; application of real-time simulation and visualization. Prerequisites: CEE:3763 or CEE:4763. Same as CEE:5678.

URP:5679 Landscape Planning and Design 1,3 s.h.

Introduction to landscape architecture; natural processes and human/nature relations; history of landscape architecture including major forms and designs in eastern and western civilizations; urban gardens (e.g., industrialization, garden cities, parks, streetscapes, roof gardens, etc.); components of landscapes (e.g., land, soils, water, plants, climate); landscape planning (e.g., regional level, urban, zonal scales); landscape design process.

URP:5800 Environmental Policy: Theory and Practice 3 s.h.

Various types of approaches to environmental policy, with a focus on the differences between market-based (taxes and regulatory markets) and command and control (regulations and bans); assessment of approaches in terms of efficacy, efficiency, and equity; key United States and international environmental policies such as the Clean Water Act, the Endangered Species Act, and the Paris Agreement; role of technology, research, and development in addressing environmental problems. Same as PBAF:5800, SEES:5800.

URP:6200 Analytical Methods for Evidence-Based Policy 1-3 s.h.

Data science, statistics, quantitative reasoning, study design and analysis for planning and policy; applied quantitative and qualitative research, surveys, public participation; data sharing and data management for reproducibility and accessibility. Same as PBAF:6200.

URP:6201 Data Science for Urban Analytics 3 s.h.

Integration of methods with the planning process; application of multiple regression, population estimation and projection, survey methods, time series analysis, industrial growth and change; presentation of results to decision makers and the public. Prerequisites: URP:6200. Same as PBAF:6201.

URP:6202 Land Use Planning: Law and Practice 3 s.h.

Legal, social foundations of land use planning; comprehensive planning, zoning and subdivision review; legal aspects of land use, environmental planning; ordinance drafting; staff report writing; citizen participation.

URP:6203 The Making of Cities: Histories and Theories of Planning 1,3 s.h.

Histories and dynamics of urban change in Western cities as a reflection of social, cultural, economic, and environmental forces; alternative city planning philosophies, perspectives, and ethics relevant to planners and policy makers; special attention to how urban planning intersects with racism and social justice, as well as climate change and sustainability.

URP:6205 Economics for Policy Analysis 1,3 s.h.

Principles of economics, concepts and techniques of microeconomic analysis, market failures, role of government in the economy, tax policy, income inequality, and program evaluation. Same as PBAF:6205.

URP:6208 Program Seminar 1 s.h.

Planning, administrative, and policy processes; roles of planners, public policy analysts, and administrators; professional ethics and standards. Same as PBAF:6208.

URP:6209 Sustainable Communities Lab I 3 s.h.

Experience working on a two-semester project involving a current planning issue, usually for a client. Requirements: urban and regional planning graduate standing. Same as SDG:6000.

URP:6210 Sustainable Communities Lab II 3 s.h.

Continuation of URP:6209. Prerequisites: URP:6209. Requirements: urban and regional planning graduate standing. Same as SDG:6210.

URP:6225 Applied GIS for Planning and Policy Making 3 s.h.

Analysis of U.S. Census data using GIS software; data and analytical needs for urban planning and public policy making; coverage of GIS topics including spatial analysis of social science and environmental problems, site selection; graphical display of results, including online maps; development of models in GIS. Same as PBAF:6225.

URP:6229 Practicum 1-5 s.h.

Full-time internship of at least five months with a planning-related organization. Requirements: urban and regional planning graduate standing.

URP:6233 Public Finance and Budgeting 3 s.h.

Local budgeting process and revenue instruments available for local governments to finance their infrastructure; local budgeting process, mechanics of property tax and other revenue sources, connection between taxation and land use, economic development, growth management, and transportation; issues regarding financing K-12 public schools. Same as PBAF:6233.

URP:6240 Public Management: State and Local Perspectives 3 s.h.

Public management in a democratic society; balancing of administrative and democratic values and interests; examination of institutional, political, organizational, and ethical context of public management and policy making; students acquire important management, leadership, and decision-making skills, as well as reflect on their values and behaviors with regard to administration and public service, particularly in a diverse and changing society; service in public sector contrasted with service in private and nonprofit sectors. Same as PBAF:6240.

URP:6243 The Land Development Process 1,3 s.h.

How land is developed; analysis of site suitability, preparation of subdivision plan, site plan review, development approval process, infrastructure and site preparation, negotiating local development politics; field trips. Prerequisites: URP:6202.

URP:6245 Growth Management 3 s.h.

Causes and consequences of urban sprawl, shortfalls in conventional land use planning; local and state growth management policies, techniques of policy implementation, positive and negative impacts of such policies; Smart Growth; emerging challenges. Same as PBAF:6245.

URP:6253 Designing Sustainable and Healthy Cities 1-3 s.h.

Principles and practical elements of urban design for sustainable and healthy cities; general urban design background for policy makers and planners; impacts of urban design for environmental sustainability and for community health and well-being; physical, mental, social, and environmental health as they are affected by urban form, air and water quality, green spaces and climate change impacts. Same as PBAF:6253.

URP:6256 Environmental Policy 3 s.h.

Environmental policy and management for practitioners; United States institutions, policies, and processes; urban, suburban, and rural environmental planning; global issues and international comparisons. Same as PBAF:6256.

URP:6258 Systems and Scenario Thinking 3 s.h.

Quantitative and qualitative methods for complex dynamic systems; participatory modeling; systems thinking, integrated assessment, and scenario planning; decision-making, policy development, and evaluation; nonlinear dynamics of cities, materials, energy, and human-environment relationships; numerical modeling; historical and contemporary roles of human activities in the Earth system. Same as PBAF:6258.

URP:6260 Transportation Policy and Planning 3 s.h.

Institutional setting for transportation planning, evolution of domestic transportation policy, international influences, transportation modes and markets, current sources of transportation planning information, emerging policy issues. Same as PBAF:6260.

URP:6263 Special Topics in Transportation Planning 3 s.h.

Introduction to a topic in transportation planning not covered in depth in other course offerings. The topics will rotate based on instructor and student interests, but may include areas such as public transportation, freight, and airport planning. Regardless of the topic area, students will learn about current topics in the field and analytical techniques, with a focus on increasing the sustainability and equity of transportation systems.

URP:6266 Transportation, Urban Form, and Sustainability 3 s.h.

Policies and interactions between transportation and land use; location theories and practices; transportation infrastructure, land use, travel behavior modeling; current policies that influence travel behavior and urban form. Same as PBAF:6266.

URP:6268 Freight Transportation Planning 3-4 s.h.

Freight transportation planning in the United States; surface modes, primarily trucking and rail, as well as trade-offs in bulk movements by inland waterways and pipelines; comparison with recent developments in policy, planning, and practice for surface transportation in other developed economies (e.g., Europe).

URP:6270 Transportation Planning Studio 3 s.h.

Community-engaged transportation planning project administered through the Iowa Initiative for Sustainable Communities; application of transportation planning knowledge to produce a plan or study, and presentation of results to a client. Prerequisites: URP:6266.

URP:6271 Housing Policy 3 s.h.

Recent housing policy initiatives at federal, state, and local levels. Same as PBAF:6271, SSW:6271.

URP:6273 Creative Community and Economic Development 3 s.h.

Examination of practices, ideas, and techniques for community development in small to large communities; particular focus on creative placemaking, in which planners and the public strategically shape the physical and social character of a neighborhood, town, city, or region around arts and cultural activities; students and faculty apply this approach to a specific community project; for students in the arts, humanities, social sciences, and planning and public affairs. Same as PBAF:6273.

URP:6277 Affordable Housing Finance 3 s.h.

Financing development or rehabilitation of affordable housing; low-income housing tax credits, the housing finance system and current regulatory issues, mortgage discrimination, improving financing for rental housing.

URP:6278 Nonprofit Organizational Effectiveness I 3 s.h.

Operational and financing aspects of nonprofit management; mission and governance of organization; strategic planning for effective management, including finance, budget, income generation, fund-raising. Same as MGMT:9150, PBAF:6278, RELS:6070, SPST:6010, SSW:6247.

URP:6279 Nonprofit Organizational Effectiveness II 3 s.h.

Qualities for leadership of nonprofit organizations, including relationships with staff and volunteers; relationship of nonprofit and outside world; marketing, public relations, advocacy strategies for nonprofits. Same as MGMT:9160, PBAF:6279, RELS:6075, SPST:6020, SSW:6248.

URP:6280 Planning for Disaster Mitigation and Recovery 2-3 s.h.

Types of disasters that communities face; what role planners play, what role should they play; importance of hazard mitigation and planning for post-disaster recovery; where planners' unique skills play the most significant roles in aiding a community to redesign a safer future. Same as PBAF:6280.

URP:6282 Grant Writing 1-2 s.h.

Same as PBAF:6282, SSW:6282.

URP:6295 Community and Economic Development Policy 3 s.h.

Business and industrial locations, theories of regional growth and development, tools for regional economic analysis, economic impacts of COVID-19, development strategies in increasingly knowledge-driven and globalizing regional economies, economic development finance and policy, and economic development planning process. Same as PBAF:6295.

URP:6305 Readings arr.**URP:6315 Independent Study in Planning 1-6 s.h.**

Research and analysis of a special planning problem; opportunity to apply knowledge in area of specialization.

URP:6325 Thesis: Urban and Regional Planning arr.

URP:6335 Internship**1-3 s.h.**

Work in a planning or related agency or nonprofit organization.

URP:6340 Public Policy Analysis**3 s.h.**

Rationales and goals of public policy; major steps, key methods, and tools in policy analysis; professional delivery of policy recommendations. Same as PBAF:6340.

URP:6400 Sustainable Development: The Kerala Experience**3 s.h.**

Exploration of student interests in social entrepreneurship, global health, microfinance, cultural production, environmental sustainability, or other development issues in India; varied disciplinary perspectives (i.e., public health, business, social work, geography, art); student work with Indian NGOs employing a diverse variety of techniques to address social problems such as child labor, health care for the poor, illiteracy, and disability services. Winter session. Same as PBAF:6400.

Public Affairs Courses

PBAF:1001 How to Change the World**3 s.h.**

Have you ever wondered what it would take to solve our biggest societal problems (e.g., pollution, hunger, homelessness, access to health care)? Often the answer is through public policy—the programs, rules, and laws meant to guide society; introduction to public policy through case studies and examples of people and institutions that have truly changed the world; activities designed to help students change the world around them. GE: Social Sciences. Same as URP:1001.

PBAF:2020 Environment and Society: Sustainability, Policy, and Politics**3 s.h.**

How society balances its needs against those of the natural environment when addressing modern challenges like climate change, conservation, and energy crises; exploration of sustainability through the lens of U.S. environmental policy and politics; application of fundamental theories of public policy to answer questions—when do environmental problems become policy problems; what economic, social, and political forces shape environmental policy decisions; and what are the consequences of environmental policies for individuals and organizations? GE: Social Sciences; Sustainability. Same as URP:2020.

PBAF:2056 Cities Across the World**3 s.h.**

Exploration and journey through space and time of global cities—London in the 1600s, Paris in the 1800s, and New Delhi in the 20th century—by use of videos and documentaries; how cities form and grow in response to social, political, cultural, and economic forces. GE: International and Global Issues. Same as URP:2056.

PBAF:3001 Public Policy Lab**3 s.h.**

Research project offering students first-hand experience with public policy projects. Each lab differs in specific topic, based on the instructor's area of expertise. All labs offer the following on-the-ground experience: organization and analysis of data; how to construct and analyze a "big data" data set in an interdisciplinary collaborative research setting; how to apply and build policy theory with empirical data; and how to write an academic journal article.

PBAF:3003 How Budgets Work: Behind the Numbers**3 s.h.**

Budgets aren't just about numbers; they reveal what governments value and how communities set priorities; students will be taken inside the world of government budgeting at all levels, with a special focus on state and local budgets that most directly affect people's lives; explore how budgets are created and carried out, how governments raise revenue through tools like taxation, and how decisions about spending shape programs and services; students will grapple with real policy trade-offs and see how budgets reflect political priorities, distribute resources, and shape everyday life. Same as URP:3003.

PBAF:3004 Undergraduate Research in Planning and Public Affairs**1-3 s.h.**

Hands-on involvement in scholarly research activities under faculty supervision. Same as URP:3004.

PBAF:3100 Contemporary Policy Issues**3 s.h.**

Review of contemporary policy issues and background information, such as budgeting and the relationship between policy and politics; policy analysis, writing, and collaboration skills. Same as URP:3100.

PBAF:3117 Bureaucratic Politics and Public Administration**3 s.h.**

Examination of bureaucracy from political, theoretical, and practical perspectives; what we mean by "bureaucracy" and how it developed over time; political control of bureaucracy; how bureaucracy performs its tasks, including behavior of bureaucrats; role of nonprofit service delivery in modern bureaucracy; how bureaucracy affects American policy and politics. Same as POLI:3117.

PBAF:3560 Public Policy and Persuasion**3 s.h.**

Students build their skill set in policy analysis, formation, and communication through a social justice lens; engagement in service learning projects in one Iowa community, where work done directly impacts that community's ability to make changes; development of effective writing and oral presentation styles that can be adapted to different audiences; focus on homelessness policy using social policy and social justice concepts to explore work of policy makers who have "right-sized" existing systems to serve communities in crisis and propose solutions to systemic problems that disadvantage marginalized populations. Prerequisites: RHET:1030 or RHET:1040 or RHET:1060. Same as POLI:3560, RHET:3560, SJUS:3560.

PBAF:3570 Poverty Policy**3 s.h.**

How poverty is regulated and addressed in the United States, and by federal, state, and local governments; particular focus on programs including Temporary Assistance for Needy Families (TANF), Section 8 housing, Medicaid, and Medicare; how these systems have changed over time; current models and innovations that have emerged in practice. Same as GHS:3570, POLI:3570, SSW:3570.

PBAF:3580 Native American Public Policy**3 s.h.**

Exploration of ways that Native nations govern themselves, including the relationship between these sovereign entities and the U.S. government; topics include Indian Child Welfare Act, membership and enrollment, income and taxation, crime and justice; how these systems have changed over time; current practices and innovations that have emerged within different tribes. Same as NAIS:3580, SSW:3580.

PBAF:4205 Economics for Policy Analysis 1-3 s.h.

Principles of economics, concepts and techniques of microeconomic analysis, market failures, role of government in the economy, tax policy, income inequality, and program evaluation.

PBAF:4225 Applied GIS for Planning and Policy Making 3 s.h.

Analysis of Census of Population and Housing data using GIS software; data and analytical needs of urban planners; coverage of GIS topics to plan functions of GIS and spatial analysis, varied GIS software in a planning organization; structure of the census. Same as URP:4225.

PBAF:4233 Public Finance and Budgeting 3 s.h.

Local budgeting process and revenue instruments available for local governments to finance their infrastructure; local budgeting process, mechanics of property tax and other revenue sources, connection between taxation and land use, economic development, growth management, and transportation; issues regarding financing K-12 public schools.

PBAF:4253 Designing Sustainable and Healthy Cities 1-3 s.h.

Principles and practical elements of urban design for sustainable and healthy cities; general urban design background for policy makers and planners; impacts of urban design for environmental sustainability, community health, and well-being; physical, mental, social, and environmental health as affected by urban form, air and water quality, green spaces, and climate change impacts. Same as URP:4253.

PBAF:4256 Environmental Policy 3 s.h.

Environmental policy formation and politics; comparative international perspective on the United States' experience. Same as URP:4256.

PBAF:4260 Transportation Policy and Planning 3 s.h.

Institutional setting for transportation planning, evolution of domestic transportation policy, international influences, transportation modes and markets, current sources of transportation planning information, emerging policy issues. Same as URP:4260.

PBAF:4266 Transportation, Urban Form, and Sustainability 3 s.h.

Policies and interactions between transportation and land use; location theories and practices; transportation infrastructure, land use, and travel behavior modeling; current policies that influence travel behavior and urban form. Same as URP:4266.

PBAF:4273 Community and Economic Development 3 s.h.

Examination of practices, ideas, and techniques for community development in small to large communities; particular focus on creative placemaking, in which planners and the public strategically shape the physical and social character of a neighborhood, town, city, or region around arts and cultural activities; application of this approach to a specific community project; for students in the arts, humanities, social sciences, and planning and public affairs. Same as URP:4273.

PBAF:4280 Planning for Disaster Mitigation and Recovery 2-3 s.h.

Types of disasters that communities face; what role planners play, what role should they play; importance of hazard mitigation and planning for post-disaster recovery; where planners' unique skills play the most significant roles in aiding a community to redesign a safer future. Same as URP:4280.

PBAF:4340 Public Policy Analysis 3 s.h.

Rationales and goals of public policy; major steps, key methods, and tools in policy analysis; professional delivery of policy recommendations.

PBAF:5117 Bureaucratic Politics and Public Administration 3 s.h.

Examination of bureaucracy from political, theoretical, and practical perspectives; what we mean by "bureaucracy" and how it developed over time; political control of bureaucracy; how bureaucracy performs its tasks, including behavior of bureaucrats; role of nonprofit service delivery in modern bureaucracy; how bureaucracy affects American policy and politics. Same as POLI:5117.

PBAF:5120 Public Policy Process 3 s.h.

Theoretical and practical approaches to policy formation, adoption, implementation, and analysis; builds on theories of organizations, institutions, and interest group dynamics; important substantive policy areas (e.g., environmental, energy, housing, fiscal, infrastructure) that strengthen understanding of contemporary policies; application of theoretical and analytical tools to actual policy domains. Same as SSW:5120.

PBAF:5800 Environmental Policy: Theory and Practice 3 s.h.

Various types of approaches to environmental policy, with a focus on the differences between market-based (taxes and regulatory markets) and command and control (regulations and bans); assessment of approaches in terms of efficacy, efficiency, and equity; key United States and international environmental policies such as the Clean Water Act, the Endangered Species Act, and the Paris Agreement; role of technology, research, and development in addressing environmental problems. Same as SEES:5800, URP:5800.

PBAF:6200 Analytical Methods for Evidence-Based Policy 1-3 s.h.

Data science, statistics, quantitative reasoning, study design and analysis for planning and policy; applied quantitative and qualitative research, surveys, public participation; data sharing and data management for reproducibility and accessibility. Same as URP:6200.

PBAF:6201 Data Science for Urban Analytics 3 s.h.

Integration of methods with the planning process; application of multiple regression, population estimation and projection, survey methods, time series analysis, industrial growth and change; presentation of results to decision makers and the public. Prerequisites: URP:6200. Same as URP:6201.

PBAF:6205 Economics for Policy Analysis 1,3 s.h.

Principles of economics, concepts and techniques of microeconomic analysis, market failures, role of government in the economy, tax policy, income inequality, and program evaluation. Same as URP:6205.

PBAF:6208 Program Seminar 1 s.h.

Planning, administrative, and policy processes; roles of planners, public policy analysts, and administrators; professional ethics and standards. Same as URP:6208.

PBAF:6213 Public Affairs Capstone I 2 s.h.

Students work on a community, state, federal, or nonprofit-based project focused on research and development of policy proposals and management action steps.

PBAF:6214 Public Affairs Capstone II 3 s.h.

Students work on a community, state, federal, or nonprofit-based project with focus on research and development of policy proposals and management action steps. Requirements: MPAff graduate standing.

PBAF:6225 Applied GIS for Planning and Policy Making**3 s.h.**

Analysis of U.S. Census data using GIS software; data and analytical needs for urban planning and public policy making; coverage of GIS topics including spatial analysis of social science and environmental problems, site selection; graphical display of results, including online maps; development of models in GIS. Same as URP:6225.

PBAF:6233 Public Finance and Budgeting**3 s.h.**

Local budgeting process and revenue instruments available for local governments to finance their infrastructure; local budgeting process, mechanics of property tax and other revenue sources, connection between taxation and land use, economic development, growth management, and transportation; issues regarding financing K-12 public schools. Same as URP:6233.

PBAF:6238 Public Human Resource Management**1 s.h.**

Fundamental human resource management principles; application to a variety of human resource issues in public and nonprofit organizations including recruitment, employee development and evaluation, compensation and benefits, diversity, performance management systems, health/safety systems, and employee relations.

PBAF:6240 Public Management: State and Local Perspectives**3 s.h.**

Public management in a democratic society; balancing of administrative and democratic values and interests; examination of institutional, political, organizational, and ethical context of public management and policy making; students acquire important management, leadership, and decision-making skills, as well as reflect on their values and behaviors with regard to administration and public service, particularly in a diverse and changing society; service in public sector contrasted with service in private and nonprofit sectors. Same as URP:6240.

PBAF:6241 Strategic Management of Public and Nonprofit Organizations**3 s.h.**

Application of well-known concepts of strategic planning and management to public and nonprofit organizations; topics include environmental assessment, mission identification, strategic issue identification, strategy formulation, strategic budgeting, strategic management and human relations, information technology and strategic management, performance measurement, strategic communication, strategic management and collaboration, strategic management and politics.

PBAF:6245 Growth Management**3 s.h.**

Causes and consequences of urban sprawl, shortfalls in conventional land use planning; local and state growth management policies, techniques of policy implementation, positive and negative impacts of such policies; Smart Growth; emerging challenges. Same as URP:6245.

PBAF:6253 Designing Sustainable and Healthy Cities**1-3 s.h.**

Principles and practical elements of urban design for sustainable and healthy cities; general urban design background for policy makers and planners; impacts of urban design for environmental sustainability and for community health and well-being; physical, mental, social, and environmental health as they are affected by urban form, air and water quality, green spaces and climate change impacts. Same as URP:6253.

PBAF:6256 Environmental Policy**3 s.h.**

Environmental policy and management for practitioners; United States institutions, policies, and processes; urban, suburban, and rural environmental planning; global issues and international comparisons. Same as URP:6256.

PBAF:6258 Systems and Scenario Thinking**3 s.h.**

Quantitative and qualitative methods for complex dynamic systems; participatory modeling; systems thinking, integrated assessment, and scenario planning; decision-making, policy development, and evaluation; nonlinear dynamics of cities, materials, energy, and human-environment relationships; numerical modeling; historical and contemporary roles of human activities in the Earth system. Same as URP:6258.

PBAF:6260 Transportation Policy and Planning**3 s.h.**

Institutional setting for transportation planning, evolution of domestic transportation policy, international influences, transportation modes and markets, current sources of transportation planning information, emerging policy issues. Same as URP:6260.

PBAF:6266 Transportation, Urban Form, and Sustainability**3 s.h.**

Policies and interactions between transportation and land use; location theories and practices; transportation infrastructure, land use, travel behavior modeling; current policies that influence travel behavior and urban form. Same as URP:6266.

PBAF:6271 Housing Policy**3 s.h.**

Recent housing policy initiatives at federal, state, and local levels. Same as SSW:6271, URP:6271.

PBAF:6273 Creative Community and Economic Development**3 s.h.**

Examination of practices, ideas, and techniques for community development in small to large communities; particular focus on creative placemaking, in which planners and the public strategically shape the physical and social character of a neighborhood, town, city, or region around arts and cultural activities; students and faculty apply this approach to a specific community project; for students in the arts, humanities, social sciences, and planning and public affairs. Same as URP:6273.

PBAF:6278 Nonprofit Organizational Effectiveness I**3 s.h.**

Operational and financing aspects of nonprofit management; mission and governance of organization; strategic planning for effective management, including finance, budget, income generation, fund-raising. Same as MGMT:9150, RELS:6070, SPST:6010, SSW:6247, URP:6278.

PBAF:6279 Nonprofit Organizational Effectiveness II**3 s.h.**

Qualities for leadership of nonprofit organizations, including relationships with staff and volunteers; relationship of nonprofit and outside world; marketing, public relations, advocacy strategies for nonprofits. Same as MGMT:9160, RELS:6075, SPST:6020, SSW:6248, URP:6279.

PBAF:6280 Planning for Disaster Mitigation and Recovery**2-3 s.h.**

Types of disasters that communities face; what role planners play, what role should they play; importance of hazard mitigation and planning for post-disaster recovery; where planners' unique skills play the most significant roles in aiding a community to redesign a safer future. Same as URP:6280.

PBAF:6282 Grant Writing**1-2 s.h.**

Same as SSW:6282, URP:6282.

PBAF:6295 Community and Economic Development Policy 3 s.h.

Business and industrial locations, theories of regional growth and development, tools for regional economic analysis, economic impacts of COVID-19, development strategies in increasingly knowledge-driven and globalizing regional economies, economic development finance and policy, and economic development planning process. Same as URP:6295.

PBAF:6315 Independent Study in Public Affairs 1-6 s.h.

Exploration of the field of public policy and/or public administration.

PBAF:6335 Internship 1-3 s.h.

Internship; 240 hours of public affairs work with a public or nonprofit organization.

PBAF:6340 Public Policy Analysis 3 s.h.

Rationales and goals of public policy; major steps, key methods, and tools in policy analysis; professional delivery of policy recommendations. Same as URP:6340.

PBAF:6400 Sustainable Development: The Kerala Experience 3 s.h.

Exploration of student interests in social entrepreneurship, global health, microfinance, cultural production, environmental sustainability, or other development issues in India; varied disciplinary perspectives (i.e., public health, business, social work, geography, art); student work with Indian NGOs employing a diverse variety of techniques to address social problems such as child labor, health care for the poor, illiteracy, and disability services. Winter session. Same as URP:6400.