

## URBAN PLANNING AND POLICY DEVELOPMENT CONCENTRATIONS

### Urban Planning and Policy Development Concentrations

Five issue-oriented concentrations, or specialties, reflect the strengths of the faculty in the Urban Planning and Policy Development program. These concentrations include the core of general courses, but go beyond that broad foundation of skills, awareness, and understanding to explore more deeply the scope of specific planning issues. They allow more detailed examinations of the dimensions, questions, conflicts, and impacts addressed by the professional as well as by the researcher. They encourage recognition of common elements that resonate between and among various problems, policies, and programs.

Courses in each concentration are grouped into “required” and “recommended” categories. The program requires that any student who wants to specialize in a particular area take proper courses as outlined under each concentration. Additional courses taken in that area will depend upon the student’s particular interest and can be selected, with the help of advisers, from among the listed recommended and relevant courses or from other courses recommended by area advisers.

These concentrations cover areas of substantial strength within the program and school. There also are other feasible concentrations, such as information technology. Students who want to blend two concentrations to design their own programs can do so and should speak with their faculty adviser and the area advisers. All required and most recommended courses for these concentrations are offered through the program and other units of the Edward J. Bloustein School of Planning and Public Policy.

Additional recommended courses are offered within the university, in the Departments of Landscape Architecture; Agricultural, Food, and Resource Economics; Ecology, Evolution, and Natural Resources; Environmental Sciences; and Geography, among others. Courses also may be found at Princeton University and New Jersey Institute of Technology.

#### ***Areas of Concentration***

Housing and Real Estate  
International Development and Regional Planning  
Transportation Policy and Planning  
Urban and Community Development  
Environmental and Physical Planning

## Housing and Real Estate Concentration

### Faculty Advisers

[David Listokin](#) (co-coordinator), [Robert Burchell](#) (co-coordinator), [Kathe Newman](#),  
[James DeFilippis](#)

### Overview

A broad understanding of housing and development planning, housing economics and markets, land and building analysis, development, and marketing processes, particularly in the United States, is gained through a sequence of courses in development planning and practice; real estate research, finance, and investment; and housing impact analysis. This concentration meets the needs of students with varying interests, including planning for development, real estate market research and analysis, real estate finance and investment analysis, and relating land-use planning and controls to the private development process. Students must take at least three of the required courses, and at least four courses as a total for the concentration. Two graduate planning studios covering the following topics are strongly recommended: housing, urban design, urban redevelopment, neighborhood revitalization, or community development.

### Required Courses (you must take at least three of the following courses)

34:970:529 Principles of Housing  
34:970:604 Land Development Practice  
34:970:6xx Seminar: Real Estate Finance and Investment Analysis  
34:970:605 Planning Real Estate Analysis  
34:970:520 Planning and Land Use Administration  
34:970:521 Historic Preservation  
34:970:622 Urban Redevelopment  
34:970:572 Green Building

### Recommended Courses (choose additional courses to bring the total to four)

34:970:508 Comprehensive Planning  
34:970:528 Housing Economy and Markets  
34:970:562 Community Economic Development  
34:833:562 Negotiations & Conflict Resolution  
34:970:523 Environmental Law and Policy  
34:833:540 State and Local Public Finance  
34:970:522 International Historic Preservation

### Additional Courses at Princeton University (may substitute for any elective course)

WWS:539 Affordable Housing  
WWS:534 Land Use and Planning  
**Directed Study and Fall/Spring Internships** (one recommended course may be substituted by Directed Study or an Internship)  
34:970:636 Internships in Urban Planning  
34:970:615 Directed Study in Urban Planning Fall/Spring

## International Development and Regional Planning Concentration

### Faculty Advisers

[Radha Jagannathan.](#), [Meredeth Turshen](#) (co-coordinators), [Hooshang Amirahmadi](#),  
[Briavel Holcomb](#), [Michael Lahr](#), [Hal Salzman](#), [Mi Shih](#).

### Overview

This concentration prepares students to effectively frame and engage with the dynamic challenges of designing and implementing plans and public policies in regional and international settings, with particular focus on urbanization and human settlement systems. Specific topics include the interplay of development and the presence and absence of political stability, social cohesion and social movements, economic equity, environmental sustainability, the spatial concentration of economic activity, inter-industry linkages, technology transfer, sustainable development, green economic growth, Millennium Development Goals, and cross-boundary movement of people, trade, capital, and information. Students must take two of the required courses and at least four within the concentration. A graduate planning studio in regional or international planning is strongly recommended.

### Required Courses (you must take at least two of the following courses)

34:970:609 Social Policy in Developing Nations  
34:970:644 International Economic Development  
34:970:645 Regional Development  
34:970:530 International Urbanization and Housing Issues

### Recommended Courses (choose an additional two courses to bring the total to four)

34:970:557 International Transport Policy and Planning  
34:970:581 Gender and International Development  
34:832:516 Women and Health  
34:970:585 Tourism Planning  
34:970:608 Health and Human Rights  
34:970:646 Global Restructuring  
34:970:522 International Historic Preservation  
34:970:633 Demography and Population Studies

### Substitutable Electives (One of these courses may be substituted for any of the recommended courses listed above)

34:832:514 Culture and Health  
16:450:508 Environment and Development  
16:450:509 Uneven Development  
16:220:606 Seminar in International Economics  
16:790:561 Political Economy of Latin America

## **International Development and Regional Planning Concentration continued.**

22:553:607 International Business in Emerging and Developing Economies

22:553:616 Current Issues in International Business

Note that since graduate course offerings throughout the University change annually, there may be relevant courses in cognate fields (or at the Woodrow Wilson School at Princeton) which could be approved by one of the faculty coordinators for inclusion in the concentration. Students may also take a Directed Study relevant to their specific interests as one of the recommended courses, subject to Advisor approval.

### **Related Student Groups**

The [International Development Interest Group \(IDIG\)](http://policy.rutgers.edu/idig/), was established in early 2009 and in 2010 was recognized as a Graduate Student Association. IDIG functions as a forum for the exchange of ideas and information, as well as a platform for collaborative work around various themes and geographies of relevance in planning and policy work in low- and middle-income countries. See the website at the Bloustein School site: <http://policy.rutgers.edu/idig/>

**New GAIA International Center at Rutgers:** See the website for the new center for resources and programming.  
<http://global.rutgers.edu/about/about-gaia-centers>

The [Rutgers Initiative on Climate and Society](http://climatesociety.rutgers.edu/) aims to foster collaborative, interdisciplinary research on the human and social dimensions of global climate change. Our ultimate aim is to contribute to effective and equitable courses of action that advance both mitigation of and adaptation to climate change.  
<http://climatesociety.rutgers.edu/>

## Transportation Policy and Planning Concentration

### Faculty Advisers

[Robert Noland](#) and [Michael Smart](#) (co-coordinators), Kelcie Ralph

### Overview

The transportation policy and planning concentration provides a broad survey of the field as well as a critical evaluation of current and alternative policies and practical application of planning methods. Urban transport systems are examined in the context of environmental, energy, safety, equity, financial, and health impacts. Particular focus is placed on public transit planning, non-motorized modes such as walking and bicycling, international perspectives, environmental issues, and the coordination of land use and transportation planning. Students must take three of the seven core courses, and choose one elective from either the other core courses or from the listing of recommended courses below for a total of four courses. A graduate planning studio with a transportation focus or component is strongly recommended.

### Required Courses (you must take at least three or four of the following courses)

34:970:555 Urban Transportation Policy Analysis  
 34:970:556 Urban Transportation Planning  
 34:970:553 Transportation and the Environment  
 34:970:554 Transportation and Land Use  
 34:970:557 International Transport Policy  
 34:970:558 Public Transit Planning and Management  
 34:970:6xx Seminar: Walking and Cycling for Sustainable Cities

### Recommended Courses (additional elective courses to bring total to four)

#### *Civil and Environmental Engineering:*

Courses in CE and EE are subject to change from year to year. Consult with your advisor for current listings.

#### *Urban Planning and Public Policy:*

34:970:508 Comprehensive Planning  
 34:970:591 Introduction to GIS for Planning and Public Policy  
 34:970:592 Topics in GIS  
 34:970:594 Program Evaluation  
 34:970:600 Planning and Design I  
 34:970:601 Planning and Design II  
 34:970:618 Environmental Planning and Management  
 34:970:619 Environmental Economics and Policy

## **Transportation Policy and Planning Concentration continued.**

Course offerings in Civil and Environmental Engineering are subject to change from year to year. Other courses may satisfy the elective requirement if approved by the concentration coordinator. Additional Urban Planning and Public Policy courses may also satisfy the elective requirement if approved by the concentration coordinator. Students are encouraged to consider a Directed Study which may substitute for one elective course.

### **Graduate Certificates**

Students in this concentration may be interested in the [Graduate Certificate in Transportation Studies](#) and the [Graduate Certificate in Transportation Management: Vulnerability, Risk, and Security](#). Contact your faculty advisor for more information.

## Urban and Community Development Concentration

### Faculty Advisers

[Kathe Newman](#) (Coordinator), [James DeFilippis](#), [Radha Jagannathan](#), [Robert Lake](#),  
[Julia Sass Rubin](#)

### Overview

This concentration provides broad exposure to the political, economic, and social processes of urban and community development. The course work examines: the processes through which communities change; the relationship between community development and local, national, and global institutions and forces; participatory and community planning methods; issues of gender, race, class, and power; and social and economic policy formation; implementation and evaluation. This concentration meets the needs of students with a range of interests, including downtown redevelopment, community revitalization, urban poverty, community economic development, health, and housing. Students must take both of the required courses and at least four courses total in the concentration. It is strongly recommended that a graduate planning studio in community development be one of the four.

### Required Courses

34:970:563 Community Development  
34:970:562 Community Economic Development

### Recommended Courses (choose at least two, or one plus the CD studio)

34:970:622 Urban Redevelopment  
34:970:511 Community Development Studio  
34:970:521 Historic Preservation  
34:970:529 Principles of Housing  
34:970:528 Housing Economics and Markets  
34:970:609 Social Policy in Developing Nations  
34:970:6xx Seminar: Real Estate Finance and Investment Analysis  
34:970:532 Bridging Public Health and Urban Planning  
34:970:652 Urban Political Theory  
34:833 628 Qualitative Methods  
34:833:612 Nonprofit and Community Development Finance  
34:833:681 Managing People and Organizations  
34:833:577 Immigration Policy and Public Health  
34:833:595 Economics of Poverty  
34:833:570 Non-profit Management  
34:833:522 Public Policy Advocacy  
34:833:585 American Social Policy  
34:833:510 Public Policy Formation  
34:833:540 State and Local Public Finance  
34:833:513 Health Disparities

Internship Opportunities: [HPD Fellowship Program](#)

Job Search: [City Limits](#) ; [Housing and Community Development Network of NJ](#)

## Environmental and Physical Planning Concentration

### Faculty Advisers

[Clinton Andrews](#), Barbara Faga, Juan Ayala, [Tony Nelessen](#), [Michael Greenberg](#), [Lyna Wiggins](#)

### Overview

This concentration prepares students to plan, design and manage the human-environment interface. This concentration has three tracks – Land Use Planning, Urban Design, and Environmental Policy. The Urban Design track focuses on the visioning, planning and design of neighborhoods and developments. The Land Use Planning track emphasizes master planning and zoning regulation at the scale of towns and cities. The Environmental Policy track focuses on the application of management and policy tools to reduce anthropogenic environmental impacts and to mitigate natural hazards. All students in this concentration will develop fluency with the distinct but interdependent design, regulatory and managerial approaches. Students must take at least four courses total in the concentration. They can focus on one of three tracks selecting from the list below, depending on interest. At least one graduate planning studio in environmental or physical planning is strongly recommended.

### Required Courses (you must take at least three of the following courses)

#### *Land Use Planning Track*

34:970:508 Comprehensive Planning  
34:970:520 Planning and Land Use Administration  
34:970:6xx Seminar: Zoning Strategies for Urban Design

#### *Environmental Policy Track*

34:970:618 Environmental Planning and Management  
34:970:619 Environmental Economics and Policy  
34:970:571 Industrial Ecology  
34:970:572 Green Building

#### *Urban Design Track*

The following courses equip students with the skills to communicate and provide the basic knowledge of urban settlement necessary to approach and successfully learn from future courses in urban design. Students are then prepared to learn the skill of site planning and consequently, design. Students learn design research and site design techniques by exploring the use of site planning as a tool to forge ideas and solutions. The graphics curriculum illustrates basic and advanced skills in graphic production and demonstrates the various graphics behind a successful urban planning project. The Urban Design studio\* (recommended, 2<sup>nd</sup> year, with prerequisites of 590, 600 and 601) allows students to apply the methods and techniques of site analysis, site planning and design to a challenge facing our region. Students develop the confidence to interact between students, faculty, client and public officials on real-world issues after successfully completing the sequence of these classes.

## Environmental and Physical Planning Concentration Cont'd

34:970:600 Planning and Design I (1<sup>st</sup> year, first semester)  
34:970:601 Planning and Design II\* (1<sup>st</sup> year, second semester)  
34:970:590 Graphical Communication for Planners (1<sup>st</sup> year, first semester)

**\*Required prerequisites include: 590 (Graphics) and 600 (Planning and Design I)**

### Recommended Courses (choose additional courses to bring the total to four)

34:970:521 Historic Preservation  
34:970:523 Environmental Law and Policy  
34:970:553 Transportation and Environment  
34:970:554 Transportation and Land Use  
34:833:572 Negotiation and Conflict Resolution  
34:970:594 Program Evaluation  
34:970:604 Land Development Practice  
34:970:620 Energy Sustainability and Policy  
34:970:6xx Rotating seminar classes on relevant topics

### Recommended Methods Courses

34:970:590 Graphical Communication for Planners  
34:970:591 Introduction to GIS for Planning and Policy  
34:970:592 Topics in GIS

### Recommended Studios

34:970:510 Studio: Urban Design\* (prereq. of 600, 601 and 590)  
34:970:511 Studio: Comprehensive Planning  
34:970:510/511 Studio: Environmental topics on a rotating basis

## Upper Division Undergraduate and Graduate Courses in Other Departments

### *Geography (Courses labeled Geography Seminar are offered on an occasional basis)*

01:450:404 Advanced Physical Geography  
16:450:508 Environment and Development  
16:450:510 Water Resources Management  
16:450:605 Geography Seminar: Human Dimensions of Environmental Change  
16:450:606 Geography Seminar: Integrated Land Use Change  
16:450:612 Natural Hazards (co-listed as undergrad course 01:450:311)

### *Landscape Architecture*

11:372:444 Watershed Management: An Interdisciplinary Perspective  
11:550:431 Advanced Landscape Architecture (studio course, requires design some design background, topics vary)

### *Environmental Science*

Students with appropriate backgrounds (chemistry and calculus typically required) should consider courses in the Department of Environmental Science.  
16:375:530 Hazardous Waste Management  
16:375:534 Environmental Sustainability: Life-Cycle Assessment Tools



**Environmental and Physical Planning Concentration Cont'd  
Graduate Certificates**

Students in this concentration may be interested in Graduate Certificate Programs. Of potential interest are Human Dimensions of Environmental Change and Geospatial Information Science. Contact your faculty advisor for more information.