

# PROGRAM ON URBAN STUDIES

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Urban Studies brings together students, faculty, and outside specialists who are concerned with the people and problems of cities. The program stresses two basic themes: developing a critical understanding of how cities evolve, and gaining knowledge of the practical and analytical tools which can help improve the quality of urban life. Urban Studies enables undergraduates to examine urban problems through a number of disciplinary lenses and to address these problems in a practical way.

The Urban Studies major examines the city within the broad context of a liberal arts education. It treats urbanism as an interdisciplinary field and encourages students to inquire critically into both the nature of the urban environment and techniques used to modify that environment.

The major prepares students for a variety of careers and advanced academic pursuits. Graduates from the Program on Urban Studies have established careers in architecture, community service, education, environmental planning, real estate development, urban design, and urban planning. Many have obtained graduate degrees in architecture, urban design, or urban planning from major universities across the country including UC Berkeley, Harvard, and MIT. A substantial number have opted to take graduate degrees in business, law, and public policy.

Information on graduate programs pursued by Urban Studies alumni is available from the program office. The information also details prerequisites for these graduate programs. More general information on Urban Studies, as well as appropriate graduate programs, is available at <http://www.stanford.edu/dept/URBS>.

## UNDERGRADUATE PROGRAMS

All students majoring in Urban Studies must complete the Urban Studies core. Those who specialize in community organization, urban planning and policy, architecture and urban design, or urban education must complete their majors by meeting the appropriate option requirements. Students who wish to concentrate in a different area (for example, health care) must complete the Urban Studies core and design the remaining units with an academic adviser who is a member of the Academic Council. Note that the option in urban education is available only to students who have been admitted as coterminal students in the School of Education.

In all cases, Urban Studies majors must satisfy requirements for an option, and complete a minimum of 70 units (not counting prerequisites). Courses used to satisfy requirements for the major must be taken for a letter grade.

Students interested in declaring Urban Studies as a major should do so through the Registrar's Office using Axess. However, students are required to meet with the program director or associate director before declaring Urban Studies as a major.

## URBAN STUDIES CORE

Urban Studies majors should take 110, Introduction to Urban Studies, before the end of the Autumn Quarter of their junior year. Students interested in writing an honors thesis should take Urban Studies 200 in their junior year.

Each of the following is required:

Economics 1. Elementary Economics

Urbs. 110. Introduction to Urban Studies

Select one of the following:\*

Art and Art Hist. 254. Utopia and Reality in Modern Urban Planning

Urbs. 120. Building Community

\* Students in the Urban Planning Option and the Architecture and Urban Design Option are encouraged to select Art History 254, whereas students in the Community Organization Option and the Urban Education Option are encouraged to select Urban Studies 120. These courses are normally taken in senior year, but juniors who plan to write senior honors theses are encouraged to take either Art History 254 or Urban Studies 120 during junior year.

Select at least one course from each of the following categories:

### Social Science Research Methods:

(Students in the Urban Education Option must take Ed. 179X)

Comm. 106. Communications Research Methods

Cult. & Social Anthro. 93. Prefield Research Seminar

Ed. 179X. Urban Youth and their Institutions: Research and Practice

Soc. 180. Methods for Sociological Research

Urban Studies 200. Research Methods for Honors Thesis\*

\* Urban Studies 200 is only available to Urban Studies students who are intending to write a senior honors thesis.

### Statistical Analysis:

Econ. 102A/Stat. 190. Introduction to Statistical Methods (Postcalculus) for Social Scientists

Soc. 181B. Sociological Methods IB: Statistics

Stat. 60. Introduction to Statistical Methods: Precalculus

**Urban Anthropology and Sociology:** (Students in the Urban Education Option must take Sociology 130 or 149)

Anthro. Sci. 163. Community-Based Conservation

Cult. & Social Anthro. 83C. Korean American Migration

Cult. & Social Anthro. 84. The Multicultural City in Europe

Cult. & Social Anthro. 88. Theories of Race and Ethnicity: A Comparative Perspective

Cult. & Social Anthro. 108. The Cultural Politics of Race & Ethnicity

Cult. & Social Anthro. 181. Car Culture

Ed. 179B. Best Practices & Policy in Youth Development

Ed. 212X. Urban Education: Historical and Anthropological Perspectives

Soc. 118. Social Movements and Collective Action

Soc. 140. Introduction to Social Stratification

Soc. 147A. Examining Urban Poverty

Soc. 149. The Urban Underclass

### Urban History:

Classics 119. Gender and Power in Ancient Rome

Ed. 201B. Education for Liberation

Hist. 64. Introduction to Race and Ethnicity in the American Experience

Hist. 65. Introduction to Comparative Studies in Race and Ethnicity

Hist. 104. The City in Europe and the USA 1750-2000

Hist. 150B. Introduction to African American History: The Modern Black Freedom Struggle

Hist. 152. American Spaces: An Introduction to Material Culture and the Built Environment

Hist. 240. Shakespeare's London: The Social and Cultural Consequences of Growth

Hist. 251A,B. Undergraduate Colloquium: Poverty and Homelessness in America

Hist. 253. Undergraduate Colloquium: Topics in African American History and the Great Migration

Hist. 257. Undergraduate Colloquium: Immigrants and Racial Minorities in American Cities

Hist. 265. Undergraduate Colloquium: New Research in Asian American History

Hist. 269. Undergraduate Colloquium: The African American Community Organizing Tradition

Hist. 292. Undergraduate Colloquium: Postwar Japan

### Urban Politics:

Pol. Sci. 104. Seminar: Urban Policy

Pol. Sci. 185. Asian Americans in Politics

Pol. Sci. 186. Urban Politics

Pol. Sci. 192F. Seminar: Politics of Race and Ethnicity in the United States

Pol. Sci. 291F. Seminar: Urban Politics and Policy

Urban Studies 184. Managing the Urban Environment in East Asia

Students in the Architecture and Urban Design Option may omit the core requirements for social science research methods and statistical analysis. In that case, those students take additional units from the list of

restricted electives listed under the Architecture and Urban Design Option to bring the total number of units in the major to 70.

In addition to the required courses, the program recommends that all Urban Studies students obtain basic quantitative skills by taking Mathematics 19, 20, and 21. This can be done most conveniently during the freshman and sophomore years. Urban Studies students are also encouraged to take at least one course that includes a service-learning component.

All Urban Studies students, particularly those in the Architecture and Urban Design option, are strongly encouraged to spend at least one quarter studying at an overseas studies program. Some Urban Studies core course requirements can often be satisfied at the Stanford Overseas campuses in Berlin, Florence, Oxford, Puebla, and Paris. In addition, the other Stanford programs (Buenos Aires, Kyoto, Moscow, and Santiago) sometimes offer courses that are suitable for meeting Urban Studies core requirements.

## COMMUNITY ORGANIZATION OPTION

The curriculum for the option in Community Organization provides a deep understanding of the concept of community and its manifestations in the public and private sector. The courses concerned with public service and community organizations provide a foundation for more advanced studies of community conflict resolution and the non-profit sector. Additional courses introduce students to computers, business skills, and aspects of urban planning and design. Students pursuing this option are prepared to enter graduate programs concerned with urban affairs and community service. They are also prepared to work with agencies of local government, and a variety of for-profit and not-for-profit organizations engaged in various aspects of community service and development.

There are no formal prerequisites. Students who may want to pursue a graduate degree in business or city planning are encouraged to take Economics 50, Economic Analysis I. Information on graduate programs suitable for urban studies graduates who wish to pursue advanced studies in community organization is available in the Urban Studies office.

### PREREQUISITE

Pol. Sci. 59R. Issues in Public Service\*

### REQUIRED TO COMPLETE THE MAJOR

Comp. Sci. 105, or a more advanced course in computers  
Public Policy 191. Business Concepts and Skills for the Social Sector†  
Urbs. 191A. Introduction to Community Service Organizations  
Urbs. 191B. Community Organizing  
Urbs. 191C. Community Organizing  
Urbs. 192C. Social Entrepreneurship: Mobilizing Private Resources for the Common Good

Select one of the following public speaking classes:

CTL 117. The Art of Effective Speaking  
Engr. 103. Public Speaking/Presentation Development

Select two of the following courses in architecture, urban design, or planning:

Civ. & Env. Engr. 112 Social Entrepreneurship Design Studio  
Civ. & Env. Engr. 148. Design and Construction of Affordable Housing  
Mgmt. Sci. & Engr. 196. Transportation Systems and Urban Development  
Pub. Pol. 182A,B. Policy Making and Problem Solving at the Local and Regional Level  
Urbs. 170. Introduction to Urban Design  
Urbs. 177. Architecture and Community Service Design Studio  
Urbs. 186. Revitalizing the E-Downtown

\* Pol. Sci. 59R should be taken before or at the same time as Urbs. 191C.

† Public Policy 191 must be taken before Urbs. 192C.

### RESTRICTED ELECTIVES

These elective courses include any from the Urban Studies core; any 100-level course offered by the Program on Urban Studies, and courses listed below. Restricted electives are used to bring the total number of units to 70 (not including prerequisites).

Ed. 95S. Issues in Leadership  
Ed. 100X. The State of Public Education in Urban Communities  
Ed. 105. American Education and Public Policy  
Ed. 141. Race, Education, and the Media  
Ed. 177X. Education of Immigrants in Cities  
Ed. 193. Peer Counseling

Geol. & Envir. Sci. 196. Introduction to GIS  
Hist. 264S. Undergraduate Research Seminar: The Papers of Martin Luther King, Jr.  
Int. Studies of Hum. 110. Cartographics of Race  
Mgmt. Sci. & Engr. 180. Organizations: Theory and Management  
Soc. 145. Race and Ethnic Relations  
Soc. 160. Formal Organizations

## URBAN PLANNING OPTION

Courses required for the Urban Planning option introduce the techniques and approaches of city planners. A course applying economics to the solution of urban problems is a key element of this option. Students are also required to take courses that center on housing, transportation, urban design, and urban policy making. Because urban planners rely heavily on computers, the major requires an introduction to computer science. The Urban Planning option provides excellent preparation for graduate programs in urban and regional planning and in public policy analysis.

Students interested in these graduate programs are encouraged to consult with the program director or associate director and to review information describing graduate programs available in the Urban Studies office.

### PREREQUISITE

Econ. 50. Economic Analysis I  
Econ. 50M. Economic Analysis IA *or* pass math placement exam  
Math. 41, *or* 19 and 20. Calculus

### REQUIRED TO COMPLETE THE MAJOR

Civ. & Envir. Engr. 148. Design and Construction of Affordable Housing  
Geol. and Envir. Sci. 196. Introduction to GIS: ARC/Info and ARC-View  
Mgmt. Sci. & Engr. 196. Transportation Systems and Urban Development  
Pub. Pol. 182A,B. Policy Making and Problem Solving at the Local and Regional Level

Select one of the following urban design courses:

Urbs. 170. Introduction to Urban Design  
Urbs. 183. Land Use Control  
Urbs. 186. Revitalizing the E-Downtown

Select one of the following public speaking courses:

CTL 117. The Art of Effective Speaking  
Engr. 103. Public Speaking/Presentation Development

Select one of the following economics courses:

Econ. 118. Economics of Development  
Econ. 148. Urban Economics  
Econ. 150. Economic Policy Analysis  
Econ. 154. Economics of Legal Rules and Institutions  
Econ. 155. Environmental and Natural Resources Economics

Select one of the following computer courses:

Art (Studio) 173. Digital Narration  
Art (Studio) 174. Digital Art in Public Spaces  
Civ. & Env. Engr. 111. 3D and 4D Modeling of Civil Engineering Projects  
Comp. Sci. 105. Introduction to Computers  
Comp. Sci. 106A. Programming Methodology

### RESTRICTED ELECTIVES

Elective courses include any from the Urban Studies core; any 100-level course offered by the Program on Urban Studies, and courses listed below. Restricted electives are used to bring the total number of units to 70 (not including prerequisites).

Civ. & Envir. Engr. 172. Air Quality Management  
Geol. & Envir. Sci. 195. Measurement and Evaluation of the Environment: Integrating Remote Sensing and Geographic Information System  
Mgmt. Sci. & Engr. 180. Organizations: Theory and Management  
Pub. Pol. 185. American Public Administration  
Soc. 160. Formal Organizations

## ARCHITECTURE AND URBAN DESIGN OPTION

The Architecture and Urban Design option allows the student to explore design in the context of architectural and urban history and in response to human needs, social concerns, and cultural values. Required courses focus on drawing and design and on the history of architecture. Art and Art History 60 and 160 are sequenced. Other sequences involve the courses in urban design, which precede the architecture studio course, and the introductory, intermediate, and advanced courses in history of

architecture. Students are encouraged to take Mech. Engr. 101 and Art (Studio) 140 during sophomore year if possible. This option provides strong preparation for graduate study in architecture and urban design. Students considering professional study in architecture are strongly advised to take, in addition to the required courses, Mathematics 19, 20, and 21; and Physics 21.

#### PREREQUISITE

*Course No. and Subject*

Art (Studio) 60. Basic Design

#### REQUIRED TO COMPLETE THE MAJOR

Art (Studio) 140. Drawing I, or a more advanced course in drawing

Art (Studio) 160. Design I: Intermediate Design

Mech. Engr. 101. Visual Thinking

Urbs. 171. Design Portfolio Workshop

Select one of the following computer courses. Civil and Environmental Engineering 111 is strongly recommended for students considering careers in architecture.

Art (Studio) 173. Digital Narration

Art (Studio) 174. Digital Art in Public Space

Civ. & Envir. Engr. 111. 3D and 4D Modeling of Civil Engineering Projects

Comp. Sci. 105. Introduction to Computers

Comp. Sci. 106A. Programming Methodology

Select one of the following urban design courses:

Civ. & Envir. Engr. 148. Design and Construction of Affordable Housing

Urbs. 170. Introduction to Urban Design

Select one of the architecture studio courses listed below. It is recommended that the requirement for a course in urban design be satisfied before taking an architecture studio course.

Civ. & Envir. Engr. 112. Social Entrepreneurship Design Studio

Urbs. 174. Architectural Design Process

Urbs. 177. Architecture and Community Service Design Studio

Urbs. 186. Revitalizing the E-Downtown

Select one of the following introductory history of art/architecture courses. Art History 3 is strongly recommended.

Art Hist. 1. Introduction to the Visual Arts

Art Hist. 3. Introduction to the History of Architecture

Select one of the following intermediate-level history of architecture courses:

Art Hist. 107. Age of Cathedrals

Art Hist. 115. Renaissance Architecture, 1420-1580

Art Hist. 147. The Bauhaus

Art Hist. 185B. Landscapes, Geographies, and Ideologies: Intercultural Perspectives

Art Hist. 174. Baroque Architecture

Art Hist. 141. The Invention of Modern Architecture

Art Hist. 142. Varieties of Modern Architecture

Art Hist. 150. American Architecture and Urbanism

Mech. Engr. 120. History and Philosophy of Design

Urbs. 175. Contemporary Architecture: Theory and Design

Select one of the following advanced-level history of architecture courses:

Art Hist. 140. Theories of Architecture

Art Hist. 253. Le Corbusier

Art Hist. 255. The American College Campus

Art Hist. 251. Frank Lloyd Wright

#### RESTRICTED ELECTIVES

These elective courses include: any from the Urban Studies core; any 100-level course offered by the Program on Urban Studies; any 100-level course offered by the Department of Art and Art History in drawing, painting, photography, sculpture, printmaking, or design; or courses listed below. Restricted electives are used to bring the total number of units to 70 (not including prerequisites).

Art Hist. 151. Transatlantic Modernism: Paris and New York in the Early 20th Century

Art Hist. 160. Cinema and the City

Art Hist. 162. Cyborgs and Synthetic Humans

Civ. & Envir. Engr. 100. Managing Civil Engineering Projects

Civ. & Envir. Engr. 101A. Structural Systems

Civ. & Envir. Engr. 122A/222B. Computer Integrated Architectural/Engineering/Construction

Civ. & Envir. Engr. 174. Ethical Issues in Civil Engineering

Civ. & Envir. Engr. 176A. Energy Efficient Buildings

Engr. 14. Applied Mechanics: Statics and Deformables

Mech. Engr. 103. Manufacturing and Design

Mech. Engr. 103D. Engineering Drawing

#### RECOMMENDED ADDITIONAL STUDY

Architecture graduate schools typically require applicants to submit a portfolio of work in the visual arts or design as part of the admissions process. The *Urban Studies Student Handbook* contains information on portfolio preparation, and the Urban Studies library contains samples of portfolios from alumni who have successfully gained entrance to graduate programs in architecture and urban design. In addition, many graduate schools of architecture require calculus, physics, and basic computer skills as conditions for admission.

Students seeking exposure to orthographic projection and other aspects of technical drawing should take Mechanical Engineering 103D, Engineering Drawing. Students interested in graduate programs in architecture are encouraged to consult with the program director and to review information describing graduate programs available in the Urban Studies office. Courses in drafting are available at local community colleges including West Valley College and Foothill College.

#### URBAN EDUCATION OPTION

The curriculum in urban education is intended only for students who have been admitted to the Stanford Coterminous Teaching Program leading to an M.A. degree in the School of Education. In addition to receiving a B.A. and an M.A., students who complete the Stanford Coterminous Teaching Program receive a middle school/high school teaching credential from the State of California. Application and admission to the coterminous program is done entirely through the School of Education. For additional information, contact the staff of the Stanford Teacher Education Program (STEP). Application and admission to the Coterminous Teaching Program takes place during either the Spring Quarter of the sophomore year or the Autumn Quarter of the junior year.

Completion of the Urban Studies major requires that students take the courses indicated below in addition to all courses in the Urban Studies core. Many of the courses in the option are required to obtain a credential for teaching social studies in the State of California.

Ed. 101. Undergraduate Practicum/Colloquium in Teaching  
Hist. 165A,B,C. United States History from the Revolution to the Present

Pol. Sci. 10. American National Government

Pol. Sci. 20. Comparing Political Systems

Psych. 1. Introduction to Psychology

Psych. 60. Introduction to Developmental Hum. Bio.

or Psychology 126. Adolescent Development

In addition to the history courses listed above, State of California credentialing guidelines require that one course be taken in each of the following subfields:

Ancient History

Medieval History

Modern Asian, African, or Latin American History

Modern European History

Students may use all of the history courses above toward a minor in history. For complete details on which history courses qualify for the Coterminous Teaching Program curriculum, contact Frederic Stout, Lecturer in the Program on Urban Studies and coordinator of the Coterminous Teaching Program; for details about the minor, contact the Department of History.

#### SELF-DESIGNED OPTION

Students who wish to concentrate in an area other than Community Organization, Urban Education, Urban Planning, or Architecture and Urban Design must complete the Urban Studies core and design the remaining units (to bring the total to 70 units) with an academic adviser who is a member of the Academic Council. The self-designed portion of the major should concentrate on a particular area of analysis such as health care, or environmental management.

Proposals should include only courses at the 100 level or above and must be approved by a subcommittee of the Committee on Urban Studies. Proposals for the self-designed portion of the major should include



a course list and a description of how the courses meet the student's educational objectives. The proposal must be accompanied by a letter from the student's academic adviser indicating that he or she has examined the final version of the proposal and finds it acceptable.

Students pursuing a self-designed option must submit proposals for approval by the Urban Studies Committee by the middle of the second quarter of the student's junior year. Applications received after that deadline are not considered. Students interested in designing their own option are strongly encouraged to meet with the program director or associate director before the end of the first quarter of their junior year.

## MINORS

The minor in Urban Studies is designed to accomplish two things. First, it introduces students to how specialists from each of several different disciplines approach the study of cities. Second, it provides students with an opportunity to explore their interests in one of three specialized fields: (1) Architecture and Urban Design, (2) Urban Planning, or (3) Community Organization. Students must declare the minor no later than the last day of the quarter four quarters before degree conferral.

**Requirements**—Students must complete seven courses (for a letter grade) including Urbs. 110, Introduction to Urban Studies.

Three courses must be completed from the following categories as listed above in the Urban Studies core: Urban History, and Urban Anthropology and Sociology. At least one course must be from each category.

All three courses in one of the following groups must be completed:

1. Architecture and Urban Design
  - a) Mech. Engr. 101. Visual Thinking
  - b) One course from those included in the urban design or architecture course listings within the Architecture and Urban Design Option
  - c) One (100 level) course on the history of architecture from among those listed in the option for Architecture and Urban Design.
2. Urban Planning
  - a) Civ. & Envir. Engr. 148. Design and Construction of Affordable Housing
  - b) Mgmt. Sci. & Engr. 196. Transportation Systems and Urban Development
  - c) One course from those included in the Urban Studies Core course listings above for Urban Politics, *or* one of the courses listed as meeting the economics course requirement for Urban Studies majors in the Urban Planning Option.
3. Community Organization
  - a) Pub. Pol. 191. Business Concepts and Skills for the Social Sector
  - b) Urbs. 191C. Community Organizing (requires Urban Studies 191B as prerequisite)
  - c) Urbs. 192C. Social Entrepreneurship: Mobilizing Private Resources for the Common Good

## HONORS PROGRAM

The honors program offers qualified students an opportunity to conduct independent research and to write a thesis summarizing the results. The program grants honors at graduation to those students who have successfully completed a thesis of honors quality, attained a 3.5 grade point average (GPA) in their major, and successfully completed all course requirements. Honors students must register for a minimum of 7 units and a maximum of 15 units of Urban Studies 199 spread over their senior year, and they must complete Urban Studies 200. Urban Studies 200 should be taken by juniors who are considering writing a thesis. All seniors writing a thesis must participate in Urban Studies 200 for at least one unit. The program encourages students writing theses linked to community service to apply to the Public Service Scholars Program administered by the Haas Center for Public Service and to register in Urban Studies 198 concurrently with 199. Students can obtain details regarding honors procedures from the Urban Studies Program office.

## COTERMINAL PROGRAMS

Undergraduates in Urban Studies may enter coterminal master's degree programs in a number of departments in the University. In recent years, Urban Studies majors have developed coterminal programs within the departments of Cultural and Social Anthropology, Sociology, and the School of Education. As noted, a special coterminal program with the School of Education exists for students in the Urban Education option, but other coterminal programs can also be arranged through the School of Education. Information and applications for the coterminal degree programs are available at the Undergraduate Advising office. Students should discuss the coterminal program with the program director during their junior year.

## COURSES

Further descriptions and details of current courses offered by lecturers in the Program on Urban Studies are available prior to each quarter from the program office.

**110. Introduction to Urban Studies**—Interdisciplinary introduction to the study of cities and urban civilization. The history of urbanization through Lewis Mumford's *The City in History*, and the various disciplinary methodologists comprising the unified field of urban studies (architecture, economics, politics, sociology, urban design, and urban public policy formation).

*4 units, Aut (Stout)*

**120. Building Community**—This capstone course for Urban Studies majors in the Community Organization track builds on student's previous experience in community work and service-learning education. Readings of classic texts in the literature of community and community organization: Thoreau, Gandhi, Saul Alinsky, and Martin Luther King, Jr. The development and successful completion of a major writing-oriented project; e.g., the publication of a book of original essays or an anthology of edited papers. (WIM)

*4 units, Win (Stout, Staff)*

**170. Introduction to Urban Design**—Urban design theory and contemporary practice. Critical issues in urban development and conservation. Neighborhood livability, central city revitalization, historic preservation, and regional growth are examined through comparative case studies from N. America and abroad. Projects focus on neighborhood, downtown, and regional issues in San Francisco and the Bay Area. Two Saturday field workshops in San Francisco.

*5 units, Win (Gast)*

**171. Design Portfolio Workshop**—Required for Urban Studies students in the Architecture and Urban Design Option. Students use the workshop to prepare portfolios of their work in design and visual arts and to prepare short essays to introduce their visual work. Oral presentations are an integral part of the course. Prerequisite: Limited to Urban Studies majors who have completed two Art or Architecture Studio courses or who have the consent of the instructor.

*3 units, Spr (Barton, Nieh)*

**174. Architectural Design Process**—Lecture/studio. Introduces contemporary issues within the architectural profession, including design theory, practice issues, and the fundamentals of the architectural design process. Lectures, videotapes, discussions, and building case study projects are interpreted in model and graphic form. Discussion is on architecture as a profession, and is studio related to a specific building process through both initial site analysis and a subsequent problem solving (design) exercise.

*4 units, Spr (Neuman)*

**175. Contemporary Architecture**—Comparative analysis of contemporary architecture. Analysis includes formal, functional, and theoretical comparisons of the work of leading contemporary architects. Includes

examination of the works of guest speakers in Stanford's Spring lectures series in architecture. Class sessions with each guest architect provide further insights into their work. Attendance required in all sessions of the spring lecture series in architecture. Enrollment limited to 16.

*3 units, Spr (Walters)*

**176. Architecture, Urban Planning, and the First Amendment**—Seminar on the relationship and balance between the right and value of free expression in architecture and the need for communities to guide their development and visual appeal. Themes and topics: how architecture is similar and different from other arts, the underlying philosophical basis of first amendment traditions, the rise of powerful city planning departments, and the politicization of architectural design.

*3 units, Win (Barton)*

**177. Architecture and Community Service Design Studio**—The design studio is an actual program, site, and client. The client is a non-profit community service or other charitable organization. Students provide service to a community organization by providing workable design solutions that accommodate needs for the organization's remodeling and/or expansion. The final product is presented to the client in the form of schematic and design development drawings. Discussions of relevant issues, assistance with architectural design and drawing techniques, site visits, meetings with the clients, and critiques by guest architects. Enrollment limited to 12.

*4 units, Win (Walters)*

**179. Introduction to Architecture Studio**—The fundamental principles of architectural design. By designing a building, students gain experience with architectural drawing and modeling. A series of focused studio assignments allows students to acquire experience with essential principles of architecture as well as strengthen their building designs. Each assignment addresses an individual design topic, such as structural systems, or a basic building component; e.g., floor, wall, roof, window, and doors. Field trips will provide opportunities to evaluate formal functional aspects of architecture.

*2-4 units, Sum (Walters)*

**180. Workshop on Corporate Environmental Responsibility in Silicon Valley**—Research seminar focusing on defining what it means for a company or organization to be environmentally responsible; identifying concrete ways of measuring an entity's environmental responsibility; collecting data on and analyzing the environmental responsibility of select organizations in the Silicon Valley area. Emphasis is on how these organizations behave in their local urban environment. Enrollment limited.

*4 units, Aut (Cushing)*

**181. Environmentally Sustainable Cities**—How concepts related to environmental sustainability can be applied to better manage urban environmental problems. The history behind some major environmental problems plaguing urban areas in the U.S. and elsewhere. Introduction to innovative measures being taken by cities, organizations, and companies to reduce pollution, conserve natural resources, reduce loss of open space, and cut down on car dependence.

*4 units, Spr (Cushing)*

**183. Land Use Control**—Survey of current and emerging methods of land use control related to the pattern and scale of development and the protection of land and water resources. Emphasis is on the relationship between the geographical landscape, physical externalities, land use law, and desired land use goals. Topics: the historical roots of modern land use controls; urban reforms of the 19th century; private ownership of land; zoning; innovations in local, state, and federal land use control; and regulations and management programs. Current issues of growth management, park and recreation services, transportation, urban housing, wetlands, environmental mediation/conflict management, and special purpose agencies.

*4 units, Spr (Hall)*

**184. Managing the Urban Environment in East Asia**—Focus is on identification of effective actions to address urban environmental issues in rapidly changing Asian regions. Urban systems are analyzed as human habitat, natural resource consumption systems, polluters, and drivers of development. The role of public and corporate policies in improving urban environments in E. Asia. Selective instruments to improve environmental quality. Innovative options for financing/delivering environmental infrastructure, hardware, and software. Case studies from Bangkok, Shanghai, Seoul, and Jakarta.

*4 units, Win (Webster)*

**185. Implementing Policies for Affordable Housing**—This service learning seminar investigates the roles of non-profit organizations, community activists and governmental agencies in affecting the provision of decent, safe and affordable housing to low-income persons. Through placements with local community and government organizations, students explore the connection between health and housing, and the effectiveness of market interventions such as rent control, land use and planning, anti-discrimination laws, code enforcement, and tenants' rights. Enrollment limited.

*4 units, Spr (Merino)*

**186. Revitalizing the E-Downtown**—How information technologies are influencing the development of downtowns, looking at the conceptual and implementation design process and strategies that shape and guide urban development. Commercial, residential, institutional, and mixed-use development is evaluated with regard to open space, transportation, and telecommunication infrastructure. Design projects defined by students consist of facilities for hybrid public-private partnerships. Downtown San Jose is used as a contextual working laboratory. Field trips and workshops.

*4 units, Aut (Nieh)*

**190. Urban Design and Planning Professions Seminar**—The contemporary practice of urban design and planning, community development, and related fields. Bay Area professionals lecture and respond to questions concerning the nature of their day-to-day work, impressions of their field in general, and the academic background recommended for their line of work. One session on graduate schools and degrees relevant to these fields.

*1 unit (Staff) alternate years, given 2002-03*

**191A. Introduction to Community Service Organizations**—Project-based, providing an overview and introduction to community service organizations. Focus is on urban-based non-profit groups organized to address: housing and homelessness, youth outreach, families in transition, gang intervention, drug prevention, arts and education, etc. Readings, discussions with leaders and staff of community service organizations, and a philanthropic class project resulting in a class recommendation for a disbursement by a philanthropic public funding agency to a community service organization. Small groups select a community service organization for study and recommendation for funding involving research, site visits, written reports, and a presentation to the class and to guests from community service organizations, who provide feedback on presentations. Promotes familiarity with existing types of urban-based community service organizations and critical awareness of the issues in evaluating their quality and effectiveness.

*3 units, Win (Cruz)*

**191B. Community Organizing**—Prerequisite preparatory work for the internship requirement in 191C, including preparation of an internship proposal describing learning goals, individual and group meetings on internship selection and placement, orientation, placement interviews, completion of written learning agreements approved by the internship site, and at least 10 hours of beginning internship work during the quarter. Credit is earned contingent on completion of 191C.

*1 unit, Win (Cruz)*

**191C. Community Organizing**—Focus is on community organizing by urban-based groups seeking to improve their neighborhoods or groups through organizing processes. Guest presenters provide varying perspectives on what organizing is, who does it, where, how, and with what results. Readings provide basic information and historical and theoretical background. A required internship provides direct experience with organizing processes. Minimum total of 40 hours of internship work during the combined Autumn (191B) and Winter (191C) quarters to be completed no later than Winter Quarter finals. Corequisite: Political Science 159R.

*4 units, Spr (Cruz)*

**192A. Social Innovation and the Social Entrepreneur**—(Enroll in Public Policy 190.)

*1 unit, Aut (Bloom)*

**192B. Business Concepts and Skills for the Social Sector**—(Enroll in Public Policy 191.)

*3 units, Win (Bloom)*

**192C. Social Entrepreneurship: Mobilizing Private Resources for the Common Good**—(Enroll in Public Policy 192.)

*5 units, Spr (Bloom)*

**193. Historical Perspectives on Community Service in Higher Education**—What does it mean for colleges and universities to serve communities? Specifically, how might institutions of higher education, especially those located near, or in, disadvantaged urban communities, promote public welfare? The intersection of community service and higher education in the U.S. with an emphasis on urban areas such as Philadelphia, New York, San Francisco, and Chicago. Students conduct original historical research and share their work through oral presentations and a publication.

*3 units, Win (Dorn)*

**194. Internship in Urban Studies**—For Urban Studies majors only. Students organize an internship in an office of a government agency, a community organization, or a private firm directly relevant to the major. Reading supplements internship. Paper summarizes internship experience and related readings.

*2-4 units (Ortolano)*

**195. Special Projects**

*1-5 units (Staff)*

**197. Directed Reading**

*1-5 units (Staff)*

**198. Senior Honors Research in Public Service**—Limited to seniors who have registered for and have been approved by their departments for honors thesis, and who have been admitted to the year-round Public Service Scholars Program sponsored by the Haas Center for Public Service. If research is to be conducted as a form of public and community service, what standards for rigor and excellence would apply in addition to those expected by the academy? How can communities benefit from research? The theory and practice of research as a form of public service. Discussions and presentations of senior honors theses. Readings in research theory and methods, methods of participatory action research; quarterly presentations on research as service; workshops on each participant's thesis work-in-progress; public presentation on completed research; and evaluation by a community-based reader of the thesis as a form of public/community service. Corequisites: 199A,B,C.

*3 units, Aut (Cruz, Schmidt-Posner)*

*1 unit, Win, Spr (Cruz, Schmidt-Posner)*

**199. Senior Research**

*1-15 units (Staff)*

**200. Research Methods for Honors Thesis**—Primarily for juniors in Urban Studies thinking about writing a senior honors thesis. Urban Studies seniors who are in the process of writing an honors thesis must enroll for 1 unit and make presentations of their work at selected sessions. Activities center on: reading selected literature on research methods; helping students formulate research questions and select appropriate methods; organizing grant proposals to secure funds needed for research implementation; and selecting thesis advisers. Research designs used in previous senior thesis projects are discussed. Juniors must register for 3 units, but seniors writing a thesis can register for 1-3 units. Prerequisites: junior or senior in Urban Studies with a GPA that qualifies for graduation with honors.

*1-3 units, Win (Cushing)*

**This file has been excerpted from the *Stanford Bulletin*, 2001-02, pages 641-647. Every effort has been made to ensure accuracy; late changes (after print publication of the bulletin) may have been made here. Contact the editor of the *Stanford Bulletin* via email at [arod@stanford.edu](mailto:arod@stanford.edu) with changes, corrections, updates, etc.**