

URBAN STUDIES

Courses offered by the Urban Studies Program are listed under the subject code URBANST on the (<https://explorecourses.stanford.edu/search?q=urbanst&view=catalog&page=0&catalog=71&filter-term-Autumn=on&filter-term-Winter=on&filter-term-Spring=on&filter-term-Summer=on&filter-coursestatus-Active=on&collapse=&filter-catalognumber-urbanst=on&filter-catalognumber-urbanst=on>) Stanford Bulletin's ExploreCourses web site.

The Urban Studies program treats urbanism as an interdisciplinary field; it brings together students, faculty, and outside specialists concerned with cities, and the impacts of cities on society and people's lives. The Urban Studies major encourages students to inquire deeply into the nature of cities and the techniques used to modify urban environments. It prepares students to address urbanization, and gives students a knowledge base and theoretical, analytical, and practical skills to understand urban social systems and effect social change.

Mission of the Undergraduate Program in Urban Studies

Cities are now home to more than half of humanity. The mission of the undergraduate program in Urban Studies is to develop students' understanding of the nature of cities and their impact on the world. The dynamic and complex nature of cities challenges traditional disciplinary boundaries, so the program is interdisciplinary in nature, drawing from fields in the social sciences, the humanities, engineering, and education. Courses in the program focus on issues in contemporary urban society, and on the forces and practices that shape urban life. Courses also address how cities have changed over time and how they continue to change today in societies around the world. Through a comprehensive program that includes course work, community engagement, and independent research, a major in Urban Studies prepares students for careers and graduate study in fields including architecture, business, education, environmental planning, law, public policy, real estate development, social services, urban design, and urban planning. It also prepares students to be critical thinkers, engaged citizens, and informed leaders who can help to transform cities for the better.

Learning Outcomes (Undergraduate)

The program expects its undergraduate majors to be able to demonstrate the following learning outcomes. These learning outcomes are used in evaluating students and the Program in Urban Studies. Students are expected to demonstrate ability:

1. to formulate a research question and assess its significance in relation to one or more relevant scholarly or professional literatures and, where relevant, to theoretical writings.
2. to collect data to answer the proposed research question.
3. to analyze a problem and draw correct inferences using qualitative and/or quantitative analysis.
4. to write clearly and persuasively.

Coterminal Programs for Urban Studies Majors

Undergraduates in Urban Studies may enter coterminal master's degree programs in a number of departments and schools in the University. In recent years, Urban Studies majors have developed coterminal programs in the fields of African Studies, Anthropology, Civil and Environmental Engineering, Communication, Community Health and Prevention Research, Earth Systems, Education, Public Policy, and Sociology. Information and applications for coterminal degree programs are available at Undergraduate Advising and Research. Students should

discuss the coterminal program with a program director during their junior year.

University requirements for the coterminal master's degree are described in the "Coterminal Master's Program (<http://exploreddegrees.stanford.edu/cotermdegrees>)" section. University requirements for the master's degree are described in the "Graduate Degrees (<http://exploreddegrees.stanford.edu/graduatedegrees/#masterstext>)" section of this bulletin.

Bachelor of Arts in Urban Studies

The Urban Studies major requires students to complete five types of courses totaling at least 70 units:

1. 23 units in the core
2. 9 units (minimum) of skills courses in at least 3 courses of 3 units each
3. 20 units (minimum) in an area of concentration
4. 3 units (minimum) of an approved Cardinal service-learning course or internship
5. 10 units in the capstone sequence

If units in these categories total less than 70, the remaining units may be fulfilled by courses in other concentrations or in Urban Studies courses numbered 100 or higher (except URBANST 198 Senior Research in Public Service and URBANST 199 Senior Honors Thesis).

Majors must complete one prerequisite: ECON 1 Principles of Economics; this prerequisite course may be taken S/NC, as the units for this course do not count toward the 70 units required for the major. URBANST 198 Senior Research in Public Service, URBANST 199 Senior Honors Thesis, and prerequisites for required courses and for electives also do not count towards the 70-unit minimum.

Urban Studies students interested in graduate school in business or urban planning are advised to obtain basic quantitative skills by completing MATH 19 Calculus, MATH 20 Calculus, and MATH 21 Calculus, preferably before the junior year.

A course in statistical methods, such as STATS 60 Introduction to Statistical Methods: Precalculus, ECON 102A Introduction to Statistical Methods (Postcalculus) for Social Scientists or SOC 181B Sociological Methods: Statistics, is recommended for students interested in business or urban planning.

Urban Studies students are encouraged to spend at least one quarter studying overseas to learn how cities vary across societies. Some Urban Studies concentration courses, as well as electives, can be satisfied at Stanford overseas campuses. Courses offered overseas vary from year to year, and students should check in advance with Overseas Studies and Urban Studies concerning which courses meet Urban Studies requirements. Students may arrange to fulfill the internship requirement through a placement at one of Stanford's overseas locations.

Courses counted toward the 70-unit graduation requirement for the major must be taken for a letter grade, and a minimum grade of 'C' is required. The only exceptions are Urban Studies courses numbered 100 and higher that are offered only on an S/NC basis, such as URBANST 201A Capstone Internship in Urban Studies. Students may count up to three non-Stanford courses, for a maximum of 15 units, toward the major. These units must first be approved by the Office of Transfer Credit in the Registrar's Office and subsequently approved by the Urban Studies program. Transfer credit is not awarded for internship. Students may not count more than 5 units of URBANST 197 Directed Reading, toward the major without permission of the Director. Qualified students may write a senior honors thesis and graduate with honors; see details in "Honors Program" below. Students interested in declaring Urban Studies as a major are required to

meet first with the student services specialist and one of the program's advisers; they then declare the Urban Studies major on Axess.

Urban Studies Core

Urban Studies majors should complete URBANST 110 Introduction to Urban Studies, before Spring Quarter of the junior year. The following courses, totaling 23 units, are required:

		Units
URBANST 110	Introduction to Urban Studies	4
URBANST 111	Political Power in American Cities	5
URBANST 112	The Urban Underclass	4
URBANST 113	Introduction to Urban Design: Contemporary Urban Design in Theory and Practice	5
URBANST 114 or URBANST 142	Urban Culture in Global Perspective Megacities	5

Skills

A minimum of 9 units in 3 courses of at least 3 units each are required and should be taken before the end of the junior year. The following courses are recommended for most Urban Studies majors.

		Units
SOC 180A	Foundations of Social Research	4
EARTHSYS 144 or URBANST 124	Fundamentals of Geographic Information Science (GIS) Spatial Approaches to Social Science	5

The additional skills courses vary depending on a student's needs and interests. Student consult with an adviser to determine the best choice. Courses that fulfill the skills requirement are:

		Units
ANTHRO 91	Method and Evidence in Anthropology	5
ANTHRO 93B	Prefield Research Seminar. Non-Majors	5
ANTHRO 102	Urban Ethnography	5
CEE 31	Accessing Architecture Through Drawing	5
CEE 31Q	Accessing Architecture Through Drawing	5
CEE 130	Architectural Design: 3-D Modeling, Methodology, and Process	5
CEE 139	Design Portfolio Methods	4
EARTHSYS 142	Remote Sensing of Land	4
ECON 102A	Introduction to Statistical Methods (Postcalculus) for Social Scientists	5
EDUC 123	Community-based Research As Tool for Social Change:Discourses of Equity in Communities & Classrooms	3-5
ENGR 150	Data Challenge Lab	3-5
ESS 165	Advanced Geographic Information Systems	4
HUMBIO 82A	Qualitative Research Methodology	3
POLISCI 150A	Data Science for Politics	5
POLISCI 150B	Machine Learning for Social Scientists	5
POLISCI 150C	Causal Inference for Social Science	5
HUMBIO 82B	Advanced Data Analysis in Qualitative Research	3
MED 147	Methods in Community Assessment, Evaluation, and Research	3
MS&E 125	Introduction to Applied Statistics	4
PEDS 202C	Qualitative Research Methods and Study Design	3
POLISCI 155		5

SOC 180B	Introduction to Data Analysis	4
STATS 60	Introduction to Statistical Methods: Precalculus	5
STATS 101	Data Science 101	5
URBANST 123B	Approaching Research in the Community: Design and Methods	3

Concentrations

Students must complete at least 20 units in one of the following concentrations:

- Cities in Comparative and Historical Perspective,
- Urban Education,
- Urban Society and Social Change
- Urban Sustainability
- Self-Designed

Courses may not be double-counted within the major.

Students should consult an adviser to develop a program that meets their intellectual goals; relevant courses not listed here, may be counted toward the concentration with the prior consent of an adviser.

These concentrations are declared to the department; they are not declared on Axess, and they do not appear on the transcript or the diploma.

Cities in Comparative and Historical Perspective

Approximately half of the world's population now lives in cities, and the proportion grows greater every day. Urban issues cannot be understood in the context of a single nation or a single moment in time. This concentration draws on disciplinary approaches including anthropology, archaeology, art history, geography, and history to help students understand how cities have developed and how they relate to each other today. By placing urban issues in perspective, students improve their comprehension of the United States as well as the world, and of the present as well as the past.

Students in this concentration are encouraged to study off campus, and preferably overseas, for at least one quarter. Many courses offered through the Overseas Studies Program can be counted toward the concentration. Similarly, internships offered at many of Stanford's overseas locations can be used to fulfill the Urban Studies internship requirement.

DLCL 100 CAPITALS: How Cities Shape Cultures, States, and People or URBANST 119, Ancient Urbanism (offered alternate years) is required for the cities in comparative and historical perspectives concentration:

The following courses may be counted toward the Cities in Comparative and Historical Perspective concentration:

		Units
AMSTUD 58Q	American Landscapes of Segregation	3-4
ANTHRO 39	Sense of Place	3
ANTHRO 42	Megacities	5
ANTHRO 108B	Gender in the Arab and Middle Eastern City	5
ANTHRO 112	Public Archaeology: Market Street Chinatown Archaeology Project	4
ANTHRO 149	South Asia: History, People, Politics	5
ARTHIST 3	Introduction to World Architecture	5
ARTHIST 142	Architecture Since 1900	4
ARTHIST 143A	American Architecture	4
CEE 32G	Architecture Since 1900	4
CEE 33B	Japanese Modern Architecture	4

CEE 32R	American Architecture	4	URBANST 150	From Gold Rush to Google Bus: History of San Francisco	4
CEE 32T	Making and Remaking the Architect: Edward Durell Stone and Stanford	4	URBANST 156		1-2
CHINA 159	Beijing and Shanghai: Twin Cities in Chinese History	3-5	URBANST 161	U.S. Urban History since 1920	5
CLASSICS 83	The Greeks	4-5	URBANST 169	California's Minority-Majority Cities	4-5
CLASSICS 84	The Romans	3-5	URBANST 174	Defining Smart Cities: Visions of Urbanism for the 21st Century	3-4
CLASSICS 156	Design of Cities	3-5	URBANST 177	Utopia and Reality in Modern Urban Planning	3
DLCL 100	CAPITALS: How Cities Shape Cultures, States, and People	3-5	URBANST 184	Paris: Capital of the Modern World	4-5
EARTHSYS 112	Human Society and Environmental Change	4	Urban Education		
HISTORY 106A	Global Human Geography: Asia and Africa	5	Providing education that is both high in quality and fair to all is one of the greatest challenges facing cities today. This concentration prepares students for careers in educational policy and practice. It is a popular choice for students who have been admitted by the Stanford School of Education (https://ed.stanford.edu) to pursue a coterminal master's degree in the Stanford Teacher Education Program (STEP) (http://suse-step.stanford.edu) or the Policy, Organization, and Leadership Studies Program (POLS) (http://suse-pols.stanford.edu). Stanford undergraduates can apply to the Stanford Teacher Education Program (STEP) in their Junior or Senior year.		
HISTORY 106B	Global Human Geography: Europe and Americas	5	Coterminal students applying to STEP are encouraged to take EDUC 101 Introduction to Teaching and Learning before applying to the program. Additionally, students interested in STEP Secondary (Single Subject) must demonstrate subject matter competency in their intended teaching area. Transcripts should reflect coursework in the intended teaching subject even if it was not a student's undergraduate major.		
HISTORY 150C	The United States in the Twentieth Century	5	For additional information please contact the STEP Admissions Officer at 723-2110, or consult the STEP web site (http://suse-step.stanford.edu).		
HISTORY 232A	Power, Art, and Knowledge in Renaissance Italy	4-5	The following course is required for the urban education concentration:		
HISTORY 260					Units
ME 120	History and Philosophy of Design	3	EDUC 112	Urban Education	3-5
OSPBEB 30	Berlin vor Ort: A Field Trip Module	1	The following courses may be counted toward the urban education concentration:		
OSPBEB 60	Cityscape as History: Architecture and Urban Design in Berlin	5			Units
OSPPARIS 92	Building Paris: Its History, Architecture, and Urban Design	4	AFRICAST 111	Education for All? The Global and Local in Public Policy Making in Africa	3-5
OSPCPTWN 16	Sites of Memory	4	EDUC 101	Introduction to Teaching and Learning	4
OSPCPTWN 43	Public and Community Health in Sub-Saharan Africa	4	EDUC 103A	Tutoring: Seeing a Child through Literacy	3-4
OSPCPTWN 79	Creative Cityness in the Global South	3	EDUC 103B	Race, Ethnicity, and Linguistic Diversity in Classrooms: Sociocultural Theory and Practices	3-5
OSPFLOR 58	Space as History: Social Vision and Urban Change	4	EDUC 107	Education and Inequality: Big Data for Large-Scale Problems	3-5
OSPFLOR 71	A Studio with a View: Drawing, Painting and Informing your Aesthetic in Florence	4	EDUC 123	Community-based Research As Tool for Social Change: Discourses of Equity in Communities & Classrooms	3-5
OSPFLOR 115Y	Building the Cathedral and the Town Hall: Constructing and Deconstructing Symbols of a Civilization	4	EDUC 148	Inglés Personal: Coaching Everyday Community English	1-5
OSPMADRD 60	Integration into Spanish Society: Service Learning and Professional Opportunities	4	EDUC 149	Theory and Issues in the Study of Bilingualism	3-5
OSPPARIS 92	Building Paris: Its History, Architecture, and Urban Design	4	EDUC 201	History of Education in the United States	3-5
OSPSANTG 71	Santiago: Urban Planning, Public Policy, and the Built Environment	5	EDUC 202	Introduction to International and Comparative Education	3
OSPPARIS 97	Le Grand Paris: Paris of the 21st Century	4	EDUC 204	Introduction to Philosophy of Education	3
POLISCI 110C	America and the World Economy	5	EDUC 216	Education, Race, and Inequality in African American History, 1880-1990	3-5
REES 204	Cities of Empire: An Urban Journey through Eastern Europe and the Mediterranean	3-5	EDUC 220C	Education and Society	4-5
SINY 114	Writing in the City	4			
SINY 116	Off the iPhone and Into the City: Creating a Photography Project	4			
SLAVIC 165	City Myth: Soviet and Post-Soviet Sites of Memory	1-5			
URBANST 25Q	The Origins of the Modern American City, 1865-1920	3			
URBANST 27Q	The Detective and the City	3			
URBANST 105	The Hipster and the City: Race, Ethnicity, Hip-Hop, and Gentrification in Oakland	4			
URBANST 141	Gentrification	5			
URBANST 145	International Urbanization Seminar: Cross-Cultural Collaboration for Sustainable Urban Development	4-5			
URBANST 147	Archaeology of Human Rights	5			

EDUC 220D	History of School Reform: Origins, Policies, Outcomes, and Explanations	3-5
EDUC 221A	Policy Analysis in Education	4-5
EDUC 277	Education of Immigrant Students: Psychological Perspectives	4
EDUC 283	Child Development In and Beyond Schools	2
HISTORY 11W	Service-Learning Workshop on Issues of Education Equity	1
EDUC 233A	Counseling Theories and Interventions from a Multicultural Perspective	3-5
HUMBIO 142 or PSYCH 60	Adolescent Development Introduction to Developmental Psychology	3-4

Urban Society and Social Change

Many students are drawn to Urban Studies by their desire to understand and address the unique problems confronting cities today. This concentration focuses on issues in contemporary urban society, and on the tools and concepts that can bring about change to improve urban life.

Courses focus on a diverse range of issues, from public health crises to racial and class inequality. Students also learn how community action, urban planning and design, and organizations in nonprofit, for-profit, and government sectors address these challenges. This concentration prepares students to enter graduate programs concerned with urban affairs, community service, and public policy, and to work with local governmental agencies and for-profit and nonprofit organizations engaged in community service and development.

The following course is required for the urban society and social change concentration:

		Units
POLISCI 133	Ethics and Politics of Public Service	5

The following courses may be counted toward the urban society and social change concentration:

		Units
AFRICAAM 78	Art + Community: Division, Resilience & Reconciliation	1-5
AFRICAST 111	Education for All? The Global and Local in Public Policy Making in Africa	3-5
AMSTUD 58Q	American Landscapes of Segregation	3-4
ANTHRO 3	Introduction to Archaeology	3-5
ANTHRO 32	Theories in Race and Ethnicity: A Comparative Perspective	5
ASNAMST 123	Asian Americans and Environmental Justice	3-5
CEE 32A	Psychology of Architecture	3
CEE 32B	Design Theory	4
CEE 131A	Professional Practice: Mixed-Use Design in an Urban Setting	4
CEE 141A	Infrastructure Project Development	3
CEE 141B	Infrastructure Project Delivery	3
CEE 230	Urban Development and Governance	3
CEE 246	Venture Creation for the Real Economy	3-4
CSRE 100	Grassroots Community Organizing: Building Power for Collective Liberation	3-5
CSRE 157P	Solidarity and Racial Justice	4-5
CSRE 196C	Introduction to Comparative Studies in Race and Ethnicity	5
EARTHSYS 105	Food and Community: Food Security, Resilience and Equity	2-3
ECON 150	Economic Policy Analysis	4-5

ECON 155	Environmental Economics and Policy	5
EDUC 107	Education and Inequality: Big Data for Large-Scale Problems	3-5
EDUC 216	Education, Race, and Inequality in African American History, 1880-1990	3-5
ENGR 150	Data Challenge Lab	3-5
HISTORY 106A	Global Human Geography: Asia and Africa	5
HISTORY 106B	Global Human Geography: Europe and Americas	5
HISTORY 255D	Racial Identity in the American Imagination	4-5
HUMBIO 122S	Social Class, Race, Ethnicity, and Health	4
HUMBIO 127A & HUMBIO 127B	Community Health: Assessment and Planning I and Community Health: Assessment and Planning II	8
HUMBIO 128	Community Health Psychology	4
LINGUIST 55N	Language in the City	3
MS&E 180 or SOC 160	Organizations: Theory and Management Formal Organizations	4
OSPCPTWN 79	Creative Cityness in the Global South	3
PEDS 150	Social and Environmental Determinants of Health	3
POLISCI 121L	Racial-Ethnic Politics in US	5
POLISCI 31Q	Justice and Cities	3
POLISCI 147P	The Politics of Inequality	5
POLISCI 220	Urban Policy Research Lab	5
POLISCI 236	Theories and Practices of Civil Society, Philanthropy, and the Nonprofit Sector	5
PUBLPOL 135	Regional Politics and Decision Making in Silicon Valley and the Greater Bay Area	4
SINY 101	The New York City Seminar	5
SINY 134	The Urban Home Project	4
PWR 194SS	Topics in Writing & Rhetoric: Making Rhetoric Matter: Human Rights at Home	4
SOC 3	America: Unequal	4
SOC 14N	Inequality in American Society	4
SOC 45Q	Understanding Race and Ethnicity in American Society	4
SOC 118	Social Movements and Collective Action	4
SOC 135	Poverty, Inequality, and Social Policy in the United States	3-4
SOC 140	Introduction to Social Stratification	3
SOC 141	Controversies about Inequality	5
SOC 146	Introduction to Comparative Studies in Race and Ethnicity	5
SOC 157	Ending Poverty with Technology	5
SOC 160	Formal Organizations	4
SOC 164	Immigration and the Changing United States	4
SOC 166	Mexicans, Mexican Americans, and Chicanos in American Society	5
URBANST 20	Exploring Urbanism in San Francisco: Three Urban Adventures to Better Understand Cities	1-2
URBANST 104	Civic Dreams, Human Spaces: Designing Cities for People	4
URBANST 105	The Hipster and the City: Race, Ethnicity, Hip-Hop, and Gentrification in Oakland	4
URBANST 107	Introduction to Urban and Regional Planning	3

URBANST 108	Grassroots Community Organizing: Building Power for Collective Liberation	3-5
URBANST 123	Approaching Research and the Community	2-3
URBANST 125	Shades of Green: Redesigning and Rethinking the Environmental Justice Movements	3-5
URBANST 126	Spirituality and Nonviolent Urban and Social Transformation	3
URBANST 131	VIP: Very Impactful People - Social Innovation & the Social Entrepreneur	1
URBANST 132	Concepts and Analytic Skills for the Social Sector	4
URBANST 133	Social Enterprise Workshop	4
URBANST 134	Justice and Cities	5
URBANST 136	The Sharing Economy	3
URBANST 137	Innovations in Microcredit and Development Finance	3
URBANST 138	Smart Cities & Communities	4
URBANST 141	Gentrification	5
URBANST 145	International Urbanization Seminar: Cross-Cultural Collaboration for Sustainable Urban Development	4-5
URBANST 148	Who Owns Your City?: Institutional Real Estate Seminar	3
URBANST 163	Land Use Control	4
URBANST 164	Sustainable Cities	4-5
URBANST 165	Sustainable Urban and Regional Transportation Planning	4-5
URBANST 166	East Palo Alto: Reading Urban Change	5
URBANST 167	Green Mobilities for the Suburbs of the Future	3
URBANST 168	Housing & Community Development--Policy and Practice	3
URBANST 169	California's Minority-Majority Cities	4-5
URBANST 170	Urban Policy Research Lab	5
URBANST 171	Urban Design Studio	5
URBANST 173	The Urban Economy	4
URBANST 174	Defining Smart Cities: Visions of Urbanism for the 21st Century	1
URBANST 177	Utopia and Reality in Modern Urban Planning	3
URBANST 178	The Science and Practice of Effective Advocacy	3-5
URBANST 183	Team Urban Design Studio	5
URBANST 187	Housing Justice Research Lab	1-3

Urban Sustainability

The Urban Sustainability concentration provides the basis for a holistic understanding of cities through the lens of environmental and social sustainability. By combining coursework in urban studies, history, sociology, and design with the STEM fields (science, technology, engineering and mathematics), students in the Urban Sustainability concentration are exposed to the environmental and infrastructural aspects of cities, as well as to issues of human development, public policy, and social equity.

Students in the concentration acquire a foundation in sustainability concepts and skills for research and professional practices. The Urban Sustainability concentration helps prepare students to serve as social change agents in future roles as scholars, urban planners, designers, entrepreneurs, public servants, and advocates, to address the

most pressing issues of urban development and its human impacts in cities around the world.

The following course is required for the urban sustainability concentration:

		Units
EARTHSYS 112	Human Society and Environmental Change	4

The following courses may be counted toward the Urban Sustainability Concentration. Students must select at least one course from each of the following categories:

1. environmental sustainability
2. social sustainability
3. project-based courses.

Environmental Sustainability

Environmental sustainability refers to the biosphere, environmental planning and policy, natural resource planning and development, sustainable building design, and urban infrastructure systems.

		Units
CEE 64	Air Pollution and Global Warming: History, Science, and Solutions	3
CEE 100	Managing Sustainable Building Projects	4
CEE 107A	Understanding Energy	3-5
CEE 165C	Water Resources Management	3
CEE 177X	Engineering and Sustainable Development: Toolkit	1-3
CEE 224S	Sustainable Urban Systems Seminar	1
CEE 171	Environmental Planning Methods	3
CEE 172	Air Quality Management	3
CEE 176A	Energy Efficient Buildings	3-4
CHEMENG 35N	Renewable Energy for a Sustainable World	3
CHEMENG 60Q	Environmental Regulation and Policy	3
EARTHSYS 10	Introduction to Earth Systems	4
EARTHSYS 41N	The Global Warming Paradox	3
EARTHSYS 101	Energy and the Environment	3
EARTHSYS 104	The Water Course	3
EARTHSYS 188	Social and Environmental Tradeoffs in Climate Decision-Making	1-2
ECON 17N	Energy, the Environment, and the Economy	3
ECON 155	Environmental Economics and Policy	5
ENGR 90	Environmental Science and Technology	3
OSPANTG 29	Sustainable Cities: Comparative Transportation Systems in Latin America	5
URBANST 174	Defining Smart Cities: Visions of Urbanism for the 21st Century	3-4

Social Sustainability

Social sustainability refers to land use planning and its human impacts, distribution of public goods, human-centered design, human and community development, citizen participation, and social equity.

		Units
ANTHRO 183B	Human Mobility and Adaptability	5
ASNAMST 123	Asian Americans and Environmental Justice	3-5
CSRE 125E	Shades of Green: Redesigning and Rethinking the Environmental Justice Movements	3-5
EARTHSYS 37N	Climate Change: Science & Society	3

EARTHSYS 105	Food and Community: Food Security, Resilience and Equity	2-3
ENVRES 221	New Frontiers and Opportunities in Sustainability	1
PEDS 150	Social and Environmental Determinants of Health	3
POLISCI 19N		
POLISCI 31Q	Justice and Cities	3
SINY 122	The Agile City	4
SOC 3	America: Unequal	4
SOC 135	Poverty, Inequality, and Social Policy in the United States	3-4
URBANST 104	Civic Dreams, Human Spaces: Designing Cities for People	3
URBANST 107	Introduction to Urban and Regional Planning	3
URBANST 125	Shades of Green: Redesigning and Rethinking the Environmental Justice Movements	3-5
URBANST 138	Smart Cities & Communities	4
URBANST 147	Archaeology of Human Rights	5
URBANST 156A	The Changing American City	4
URBANST 163	Land Use Control	4
URBANST 165	Sustainable Urban and Regional Transportation Planning	4-5
URBANST 167	Green Mobilities for the Suburbs of the Future	3
URBANST 168	Housing & Community Development--Policy and Practice	3
URBANST 169	California's Minority-Majority Cities	4-5
URBANST 170	Urban Policy Research Lab	5
URBANST 173	The Urban Economy	4
URBANST 174	Defining Smart Cities: Visions of Urbanism for the 21st Century	3-4
URBANST 187	Housing Justice Research Lab	1-3

Project-Based Courses

Project-based courses enable students to work on a real-life urban sustainability issue in collaboration with local and international community partners. Students grapple with sustainability concepts while practicing community engagement and capacity building, fluency in crosscultural collaboration, human-centered design thinking, and developing a sense of one's place in relation to global society and the praxis of urban sustainability.

		Units
CEE 124	Sustainable Development Studio	1-5
CEE 177X	Engineering and Sustainable Development: Toolkit	1-3
CEE 224X	Sustainable Urban Systems Fundamentals	3-5
CEE 224Y	Sustainable Urban Systems Project	1-5
CEE 224Z	Sustainable Urban Systems Project	1-5
URBANST 145	International Urbanization Seminar: Cross-Cultural Collaboration for Sustainable Urban Development	4-5
URBANST 164	Sustainable Cities	4-5
URBANST 171	Urban Design Studio	5
URBANST 181	Urban Agriculture in the Developing World	3-4
URBANST 183	Team Urban Design Studio	5

Students interested in pursuing the concentration in urban sustainability should meet with an Urban Studies adviser to determine an appropriate

course of study. Consult the Urban Studies website or see an adviser for sample course plans in this concentration.

Self-Designed Concentration

Students who wish to concentrate in an area of urban studies other than one of the above concentrations must complete the Urban Studies core, skills, and capstone requirement, and design additional units to bring the total to at least 70 units. The self-designed portion of the major should concentrate on a particular area of urban study, such as urban health care or urban technologies. Additional units must be approved by both the Director of Urban Studies and an academic adviser who is a member of the Academic Council and has expertise in the particular area of interest to the student. A proposal for a self-designed concentration should include a list of courses and a description of how each course meets the student's educational objectives. A proposal for a self-designed concentration must be accompanied by a letter to the Director of Urban Studies indicating that the academic adviser has examined and approved the student's plan.

Students pursuing a self-designed concentration must submit proposals for approval by the Director of Urban Studies by the beginning of the third quarter of the student's sophomore year. Applications received after that deadline are not considered. Students interested in designing their own concentration are strongly encouraged to meet with the Director of Urban Studies before the end of fall quarter of their sophomore year.

Service Learning

Urban Studies students are required to engage in a service learning experience as part of their course of study. Students can fulfill their service learning requirement in two ways:

1. enroll in an approved course such as URBANST 164, URBANST 145, URBANST 141, SINY 101, or
2. complete an independent internship in an office of a government agency or non-profit/community organization relevant to the major, while enrolled in URBANST 201A Capstone Internship in Urban Studies before Autumn Quarter of the senior year.

Students planning to carry out an internship should consult with the Program Manager for Service Learning no later than Winter Quarter of junior year and complete the internship before Autumn Quarter of senior year, or three quarters before graduation. Students who intern for a private sector organization may receive credit for URBANST 194, but cannot use URBANST 201A credits to meet the capstone requirement. Urban Studies majors who wish to receive academic credit for additional internship work may enroll in URBANST 194. Students may not count more than 7 units of internship credit, including URBANST 194 Internship in Urban Studies and URBANST 201A Capstone Internship in Urban Studies, toward their major. Students can consult the Haas Center for Public Service for other courses with internship placements at community organizations.

Capstone

All majors are required to complete a sequence of two seminars, totaling 10 units, in which students design a senior project, and write the results of their project. The capstone seminars can be used to satisfy the Writing in the Major requirement and to complete some work on an honors thesis. URBANST 202 Junior Seminar: Preparation for Research, should be taken in the junior year, and URBANST 203 SENIOR SEMINAR in the senior year. Students who plan to be away during Winter Quarter of their junior year are advised to take URBANST 202 Junior Seminar: Preparation for Research in the Winter Quarter of their sophomore year.

		Units
URBANST 202	Junior Seminar: Preparation for Research	5
URBANST 203	SENIOR SEMINAR	5

Honors Program

The honors program offers qualified students an opportunity to conduct independent research and to write a thesis summarizing the results. Before being accepted to the honors program in Urban Studies, a student must:

1. declare a major in Urban Studies and complete at least 30 of the 70 required units including all prerequisites and core classes
2. complete URBANST 202 Junior Seminar: Preparation for Research (offered Winter Quarter)
3. have an overall GPA of 3.3 and a GPA of at least 3.5 in Urban Studies
4. submit an application, including a one-page abstract and the signatures of an adviser and, if applicable, a second reader. If the adviser is not a member of Stanford's Academic Council, the student must have a second reader who is an Academic Council member. The application must be submitted to the program office no later than April 30 of the junior year, and it must then be approved by the Director of the Urban Studies honors program.

Honors students are expected to complete a portion of their honors work in URBANST 203 SENIOR SEMINAR, in Autumn Quarter. Additionally, they must register for 5-10 units total in URBANST 199 Senior Honors Thesis, over the course of their senior year. The units of URBANST 199 Senior Honors Thesis are in addition to the 70-units required for the major. Honors students are required to present their theses at the Senior Colloquium in Spring Quarter of senior year.

To graduate with honors, students must receive a grade of at least 'A-' in the honors work and have a GPA of at least 3.5 in courses for the Urban Studies major at the time of graduation.

Minor in Urban Studies

The minor in Urban Studies is designed to introduce students to several disciplinary approaches to the study of cities, and provides the opportunity to explore one of four specialized options:

- Cities in comparative and historical perspective
- Urban education
- Urban society and social change
- Urban sustainability

The minor in Urban Studies requires completion of seven courses for a letter grade, including the five core courses, the required course in the student's chosen concentration area, and one additional course in that option as listed in the "Bachelor of Arts in Urban Studies (p. 1)" section of this bulletin.

Co-Director: Zephyr Frank (History)

Co-Director: Michael Kahan (Senior Lecturer, Sociology)

Executive Committee: David Grusky (Sociology), Thomas Hansen (Anthropology), Michael Lepech, (Civil and Environmental Engineering), Jennifer Trimble (Classics), Barbara Voss (Anthropology), Jeff Wachtel (Knight-Hennessy Scholars Program)

Affiliated Faculty: Michelle Anderson (Law), Arnetha Ball (Education), Eric Bettinger (Education), Scott Bukatman (Art and Art History), Samuel Chiu (Management Science and Engineering), Rebecca Diamond (Business), Paula Ebron (Anthropology), Paula Findlen (History), James Fishkin (Communication), Shelley Fisher Fishkin (English), Charlotte Fonrobert (Religious Studies), Richard Ford (Law), Zephyr Frank (History), Angela Garcia (Anthropology), Sharad Goel (Management Science and Engineering), David Grusky (Sociology), Thomas Hansen (Anthropology), Allyson Hobbs (History), Ian Hodder (Anthropology), Jackelyn Hwang (Sociology), Miyako Inoue (Anthropology), Rishree Jain (Civil and Environmental Engineering), S. Lochlann Jain (Anthropology), Tomás

Jiménez (Sociology), David Labaree (Education), Kincho Law (Civil and Environmental Engineering), Michael Lepech (Civil and Environmental Engineering), Raymond Levitt (Civil and Environmental Engineering), Tanya Luhrmann (Anthropology), Pamela Matson (Earth, Energy, and Environmental Sciences), Doug McAdam (Sociology), Raymond McDermott (Education), Daniel McFarland (Education), William McLennan (Business), Ian Morris (Classics), Clayton Nall (Political Science), Josiah Ober (Classics, Political Science), Leonard Ortolano (Civil and Environmental Engineering), Grant Parker (Classics), Peggy Phelan (Theater and Performance Studies), Sean Reardon (Education), Rob Reich (Political Science), Jonathan Rodden (Political Science), Jonathan Rosa (Education), Michael Rosenfeld (Sociology), Walter Scheidel (Classics), Michael Shanks (Classics), Jennifer Trimble (Classics), Fred Turner (Communication), Guadalupe Valdes (Education), Barbara Voss (Anthropology), Ali Yaycioglu (History), Cristobal Young (Sociology), Steve Zipperstein (History)

Lecturers: Deland Chan, Melanie Edwards, Dehan Glanz, Michael Kahan, Lawrence Litvak, Carol McKibben, Judith Ned, Marisa Raya, Laura Scher, Frederic Stout

Overseas Studies Courses in Urban Studies

The Bing Overseas Studies Program (<http://bosp.stanford.edu>) manages Stanford study abroad programs for Stanford undergraduates. Students should consult their department or program's student services office for applicability of Overseas Studies courses to a major or minor program.

The Bing Overseas Studies course search site (<https://undergrad.stanford.edu/programs/bosp/explore/search-courses>) displays courses, locations, and quarters relevant to specific majors.

For course descriptions and additional offerings, see the listings in the Stanford Bulletin's ExploreCourses (<http://explorecourses.stanford.edu>) or Bing Overseas Studies (<http://bosp.stanford.edu>).

		Units
OSPBER 30	Berlin vor Ort: A Field Trip Module	1
OSPBER 60	Cityscape as History: Architecture and Urban Design in Berlin	5
OSPCPTWN 16	Sites of Memory	4
OSPCPTWN 43	Public and Community Health in Sub-Saharan Africa	4
OSPFLOR 58	Space as History: Social Vision and Urban Change	4
OSPFLOR 71	A Studio with a View: Drawing, Painting and Informing your Aesthetic in Florence	4
OSPFLOR 115Y	Building the Cathedral and the Town Hall: Constructing and Deconstructing Symbols of a Civilization	4
OSPMADR 8A	Cities and Creativity: Cultural and Architectural Interpretations of Madrid	4
OSPMADR 60	Integration into Spanish Society: Service Learning and Professional Opportunities	4
OSPPARIS 92	Building Paris: Its History, Architecture, and Urban Design	4
OSPPARIS 97	Le Grand Paris: Paris of the 21st Century	4
OSPSANTG 29	Sustainable Cities: Comparative Transportation Systems in Latin America	5
OSPSANTG 71	Santiago: Urban Planning, Public Policy, and the Built Environment	5

OSPSANTG 29	Sustainable Cities: Comparative Transportation Systems in Latin America	5
OSPCPTWN 79	Creative Cityness in the Global South	3