

City and Regional Planning

Overview

The mission of the Department of City and Regional Planning is to improve equity, the economy and the environment in neighborhoods, communities, cities, and metropolitan regions by creating knowledge and engagement through our teaching, research, and service. We aim to design and create cities, infrastructure, and public services that are sustainable, affordable, enjoyable, and accessible to all.

Wisely and successfully intervening in the public realm, whether locally, nationally, or globally, is a challenge. Our urban future is complex and rapidly changing. Resource scarcity and conflict, technological innovation, retrofitting of existing built environments, and social empowerment will alter the ways in which planning has conventionally been carried out. We believe the planning academy has a special responsibility to always address social justice, equity, and ethics; to teach and research means of public participation, collective decision making, and advocacy; and to focus on reforming institutions, urban governance, policy, and planning practices to make these goals possible.

Our undergraduate and graduate programs, as well as faculty research and community service activities, address social justice, equity, and ethics; innovative means of public participation, collective decision making, and advocacy; and ways to reform institutions, urban governance, policy, and planning practices. Faculty research harnesses the latest methods and data, ranging from ethnography to sophisticated 3-D simulations and visualization. Faculty expertise is diverse and includes sustainable transportation and land use, economic development, urban health and social policy, environmental assessment and sustainability, global urbanization and poverty, and urban design for livable places.

Lecture Series

The Department of City and Regional Planning sponsors lecture series, which offers students the opportunity to hear internationally acclaimed speakers. These speakers often also participate in classes and seminars as part of their visit to campus. For a schedule of speakers and events in this lecture series, see the College of Environmental Design website (<https://ced.berkeley.edu/news-events/>).

Undergraduate Programs

Urban Studies (<https://guide.berkeley.edu/archive/2024-25/undergraduate/degree-programs/urban-studies/>): BA
 City Planning (<https://guide.berkeley.edu/archive/2024-25/undergraduate/degree-programs/city-planning/>): Minor
 Geospatial Information Science and Technology (<https://guide.berkeley.edu/archive/2024-25/undergraduate/degree-programs/geospatial-information-science-technology/>): Minor (offered in conjunction with the College of Natural Resources)

Graduate Programs

City and Regional Planning (<https://guide.berkeley.edu/archive/2024-25/graduate/degree-programs/city-regional-planning/>): Master of City Planning (MC.P.), and Ph.D. in City and Regional Planning

City and Regional Planning

CY PLAN 24 Freshman Seminar 1 Unit

Terms offered: Fall 2024, Spring 2024

The Freshman Seminar Program has been designed to provide new students with the opportunity to explore an intellectual topic with a faculty member in a small-seminar setting. Freshman Seminars are offered in all campus departments, and topics vary from department to department and semester to semester.

Rules & Requirements

Repeat rules: Course may be repeated for credit when topic changes.

Hours & Format

Fall and/or spring: 15 weeks - 1 hour of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: The grading option will be decided by the instructor when the class is offered. Final Exam To be decided by the instructor when the class is offered.

CY PLAN C88 Data Science for Smart Cities 2 Units

Terms offered: Spring 2024, Spring 2023, Spring 2022

Cities become more dependent on the data flows that connect infrastructures between themselves, and users to infrastructures. Design and operation of smart, efficient, and resilient cities nowadays require data science skills. This course provides an introduction to working with data generated within transportation systems, power grids, communication networks, as well as collected via crowd-sensing and remote sensing technologies, to build demand- and supply-side urban services based on data analytics.

Objectives & Outcomes

Course Objectives: Become familiar with urban big data and sensor data collection techniques.

Develop intuition in various machine learning classification algorithms, as well as regression modelling.

Develop intuition in various machine learning classification algorithms, as well as regression modelling.

Foster critical thinking about real-world actionability from analytics.

Learn how to use data science techniques in urban decision-making and scenario generation.

Student Learning Outcomes: Develop capabilities in a range of data science techniques.

Gain the ability to solve problems in smart city research and practice. Think critically about how to assess analytics for cities. Use data analytics in the smart city domain.

Rules & Requirements

Prerequisites: This course is a Data Science connector course and is meant to be taken concurrent with or after Foundations of Data Science COMPSCI C8/INFO C8/STAT C8. Students may take more than one Data Science connector course if they wish, concurrently or after taking the C8 course

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Alternative to final exam.

Instructor: Gonzalez

Formerly known as: Civil and Environmental Engineering 88

Also listed as: CIV ENG C88

CY PLAN 97 Field Studies in City and Regional Planning 1 - 3 Units

Terms offered: Fall 2006, Spring 2006, Spring 2005

Supervised experiences in the study of off-campus organizations relevant to specific aspects of city planning. Regular individual meetings with faculty sponsor and written report required.

Rules & Requirements

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 1-3 hours of fieldwork per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

CY PLAN 98 Special Group Study 1 - 3 Units

Terms offered: Spring 2025, Fall 2024, Spring 2024

Group studies developed to meet specific needs of students.

Rules & Requirements

Credit Restrictions: Enrollment is restricted; see the Introduction to Courses and Curricula section of this catalog.

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 1-3 hours of directed group study per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

CY PLAN 101 Introduction to Urban Data Analytics 4 Units

Terms offered: Fall 2025, Summer 2025 8 Week Session, Summer 2024 8 Week Session

This course (1) provides a basic intro to census and economic data collection, processing, and analysis; (2) surveys forecasting and modeling techniques in planning; (3) demonstrates the uses of real-time urban data and analytics; and (4) provides a socio-economic-political context for the smart cities movement, focusing on data ethics and governance.

Objectives & Outcomes

Student Learning Outcomes: This course will teach students systematic approaches to collecting, analyzing, modeling, and interpreting quantitative data used to inform robust research, and, ultimately, urban planning practice and policymaking. This contributes to the urban studies major's objective of introducing students to "conceptual tools, analytical methods, and theoretical frameworks to understand urban environments, such as economic analysis, social science theory, and visualization technologies," with the objective of training undergraduates for a future career or further graduate study in the field of urban studies and planning.

Rules & Requirements

Prerequisites: Upper division standing

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1.5 hours of laboratory per week

Summer:

6 weeks - 7 hours of lecture and 2 hours of laboratory per week
8 weeks - 6 hours of lecture and 1.5 hours of laboratory per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

CY PLAN 110 Introduction to City Planning 4 Units

Terms offered: Fall 2025, Summer 2025 8 Week Session, Spring 2025
Survey of city planning as it has evolved in the United States since 1800 in response to physical, social, and economic problems; major concepts and procedures used by city planners and local governments to improve the urban environment.

Rules & Requirements

Prerequisites: Open to majors in all fields

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

Summer:

6 weeks - 8 hours of lecture and 2 hours of discussion per week
8 weeks - 6 hours of lecture and 1.5 hours of discussion per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

CY PLAN 113A Economic Analysis for Planning 3 Units

Terms offered: Fall 2025, Fall 2024, Fall 2021

Introduction to economic concepts and thinking as used in planning. Micro-economic theory is reviewed and critiqued.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Summer:

6 weeks - 7 hours of lecture per week
8 weeks - 6 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

CY PLAN 114 Introduction to Urban and Regional Transportation 3 Units

Terms offered: Summer 2025 First 6 Week Session, Spring 2025, Summer 2024 First 6 Week Session

This course is designed to introduce students to the characteristics of urban transportation systems, the methods through which they are planned and analyzed, and the dimensions of key policy issues confronting decision makers.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Summer:

6 weeks - 7 hours of lecture per week
8 weeks - 6 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructor: Chatman

CY PLAN 115 Urbanization in Developing Countries 4 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

The course covers issues of development and urbanization from the era of colonialism to the era of contemporary globalization. Themes include modernization, urban informality and poverty, transnational economies, and the role of international institutions and agencies.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

Summer: 8 weeks - 6 hours of lecture and 1.5 hours of discussion per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructor: Balakrishnan

CY PLAN N115 Urbanization in Developing Countries 3 Units

Terms offered: Summer 2025 First 6 Week Session, Summer 2024 First 6 Week Session, Summer 2023 First 6 Week Session

The course covers issues of development and urbanization from the era of colonialism to the era of contemporary globalization. Themes include modernization, urban informality and poverty, transnational economies, and the role of international institutions and agencies.

Hours & Format

Summer:

6 weeks - 7 hours of lecture per week

8 weeks - 6 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Alternative to final exam.

CY PLAN 116 Urban Planning Process--The Undergraduate Planning Studio 4 Units

Terms offered: Spring 2025, Spring 2024, Spring 2022

An intermediate course in the planning process with practicum in using planning techniques. Classes typically work on developing an area or other community plan. Some lectures, extensive field and group work, oral and written presentations of findings.

Rules & Requirements

Prerequisites: Upper division standing; 110 or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

Summer: 8 weeks - 7.5 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

CY PLAN 117AC Urban & Community Health 3 Units

Terms offered: Spring 2024, Spring 2022, Spring 2021

This course will focus on the history, research methods and practices aimed at promoting community and urban health. The course will offer students frameworks for understanding and addressing inequities in community health experienced by racial and ethnic groups in the United States. The course will take a historical and comparative perspective for understanding the multiple contributors to health and disease in communities and how residents, scientists and professionals are working to improve community health.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Alternative to final exam.

Instructor: Corburn

Formerly known as: City and Regional Planning 117

CY PLAN C117 Urban and Community Health 3 Units

Terms offered: Spring 2025

This course will focus on the history, research methods and practices aimed at promoting community and urban health. The course will offer students frameworks for understanding and addressing inequities in community health experienced by racial and ethnic groups in the United States. The course will take a historical and comparative perspective for understanding the multiple contributors to health and disease in communities and how residents, scientists and professionals are working to improve community health.

Rules & Requirements

Prerequisites: Upper Division undergraduate standing or consent of instructor

Credit Restrictions: Students will receive no credit for PB HLTH C150E after completing PB HLTH 150E, or CY PLAN 117AC. A deficient grade in PB HLTH C150E may be removed by taking PB HLTH 150E, or CY PLAN 117AC.

Requirements this course satisfies: Satisfies the American Cultures requirement

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Alternative to final exam.

Instructor: Corburn

Also listed as: PB HLTH C150E

CY PLAN 118AC The Urban Community 4 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

This course looks at the idea and practice of community in cities and suburbs and at the dynamics of neighborhood and community formation. Topics include urban social geography, ethnicity, and identity, residential choice behavior, the political economy of neighborhoods, planning for neighborhoods, and civic engagement. Instructors emphasize different topics. Class size limit depends on the instructor.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

Summer:

6 weeks - 7.5 hours of lecture and 2.5 hours of discussion per week

8 weeks - 6 hours of lecture and 1.5 hours of discussion per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

CY PLAN 119 Planning for Sustainability 4 Units

Terms offered: Fall 2025, Summer 2025 8 Week Session, Summer 2024 8 Week Session

This course examines how the concept of sustainable development applies to cities and urban regions and gives students insight into a variety of contemporary urban planning issues through the sustainability lens. The course combines lectures, discussions, student projects, and guest appearances by leading practitioners in Bay Area sustainability efforts. Ways to coordinate goals of environment, economy, and equity at different scales of planning are addressed, including the region, the city, the neighborhood, and the site.

Objectives & Outcomes

Student Learning Outcomes: Describe a variety of planning approaches designed to advance and evaluate the interconnected goals related to sustainability, such as environmental preservation, social equity, and economic development.

Identify how different societies around the globe grapple with the ethical, policy, and practical challenges presented by socioeconomic disparity and the goal of creating and maintaining a healthy urban (and suburban and peri-urban) environment.

Know ways in which planners and planning practice have succeeded in dismantling the policies, institutions, and decisions that oppose the needs of the disadvantaged.

Understand the principles, tools, and techniques available for planning and developing sustainable communities at multiple scales.

Rules & Requirements

Prerequisites: Open to majors in all fields

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

Summer:

6 weeks - 7 hours of lecture and 2 hours of discussion per week

8 weeks - 6 hours of lecture and 1.5 hours of discussion per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructor: Acey

CY PLAN 120 Community Planning and Public Policy for Disability 3 Units

Terms offered: Spring 2025, Spring 2021, Spring 2019

This course reviews what society and local communities can do in terms of policies, programs, and local planning to address the needs of citizens with disabilities. Attention will be given to the economics of disability, to the politics of producing change, and to transportation, housing, public facilities, independent living, employment, and income policies. Options will be assessed from the varying perspectives of those with disabilities and the broader society.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

CY PLAN 124 Sustainable Mobility 3 Units

Terms offered: Prior to 2007

This course focuses on sustainable mobility, with an emphasis on the long-term importance of how land development can be leveraged to improve the efficiency and effectiveness of mobility options.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructor: Rodriguez

CY PLAN 130 U.S. Housing, Planning, and Policy 3 Units

Terms offered: Summer 2025 First 6 Week Session, Summer 2024 First 6 Week Session, Spring 2024

Introduction to housing policy in the United States, including housing affordability, the interaction between demand and supply, housing finance, zoning and land use, gentrification and displacement, and the role that housing plays in promoting household well-being.

Objectives & Outcomes

Student Learning Outcomes: By the end of the class, students will understand the origins of contemporary debates in U.S. housing policy, gain familiarity with the programs, players, and best practices in the field, and develop their ability to evaluate the trade-offs and challenges inherent in different policy approaches. They will also learn how to construct policy arguments and use evidence to make their arguments stronger.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Summer: 6 weeks - 7 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructor: Reid

CY PLAN C139 Urban and Sub-national Politics in Developing Countries 4 Units

Terms offered: Fall 2017, Fall 2013

Over half of the world's population is now urban. As urban populations swell, metropolitan areas in both the developed and the developing world struggle to provide basic services and address the negative externalities associated with rapid growth. Sanitation, transportation, pollution, energy services, and public safety typically fall to sub-national governments. Yet local sub-national institutions face difficulties as they tackle these challenges because development tends to spill over political boundaries and resources are limited. Such difficulties are particularly acute in the developing world due to tighter resource constraints, weak institutions, and the comparative severity of the underlying problems. Moreover, democratization and decentralization suggest that urban governance and service delivery may have become more democratic, but present challenges with respect to priority setting, coordination, and corruption.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1-2 hours of discussion per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructor: Post

Also listed as: POL SCI C139

CY PLAN 140 Urban Design: City-Building and Place-Making 3 Units

Terms offered: Fall 2024, Fall 2023, Fall 2022

The course is concerned with the multidisciplinary field and practice of urban design. It includes a review of historical approaches to urban design and current movements in the field, as well as discussion of the elements of urban form, theories of good city form, scales of urban design, implementation approaches, and challenges and opportunities for the discipline. Learning from cities via fieldwork is an integral part of the course.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructor: Macdonald

CY PLAN 160 The Origins and Practice of Community Development 4 Units

Terms offered: Spring 2025, Spring 2023, Spring 2021

Community development, broadly defined as efforts to improve the quality of life in low-income communities, has existed in multiple forms for centuries. However, in the 1950s and 1960s, the United States witnessed the development of a professionalized field of community development, encompassing a wide range of institutions, policies, and programs. This course provides students with an overview of the origins of the community development field and the key theories that motivate both practice and policy. Throughout the course, case studies will provide a real-world perspective on community development and how practitioners are working to create healthy and economically vibrant communities for all.

Objectives & Outcomes

Student Learning Outcomes:

Be exposed to the key debates in community development policy.

#

Learn about the evolution of the community development field, including the stakeholders, financing, policies and practices that make up community development in the US.

#

Practice using data and argument to support a policy idea.

#

Reflect on the tensions between individual and structural causes of poverty, and how the construction of urban poverty has influenced policy.

Rules & Requirements

Credit Restrictions: Students will receive no credit for CY PLAN 160 after completing CY PLAN 113B.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Final exam required, with common exam group.

Instructor: Reid

CY PLAN 180A Restorative Justice in Urban Planning and Policy: Towards Racial Healing & Justice in Planning 3 Units

Terms offered: Fall 2025, Fall 2024, Spring 2024

This course seeks to provide students with a theoretical framework of restorative justice in planning and policy through a variety of critical scholarship, media, and archives, including narrative, art, music, and film.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Alternative to final exam.

Instructor: Lin

CY PLAN 180B Research Seminar in Urban Studies 3 Units

Terms offered: Spring 2025, Fall 2023, Fall 2022

A capstone course for urban studies majors; open to other majors by instructor approval. Topical focus varies by semester. The course involves student production of a high-quality research report from inception to completion. Lectures introduce a range of research skills typical in urban studies, and cover specific domain knowledge necessary for the completion of the research project. Students identify a research topic subject to instructor approval and prepare a formal research proposal, undertaking the analysis specified in the proposal, making public presentations of their findings, and producing a professional-quality research report.

Objectives & Outcomes

Student Learning Outcomes: Conceptualizing, executing and completing an individual research project, including public presentations of findings, revision based on critical feedback, and the production of a final research report to the highest professional standards.

Devising policy and practical solutions to address borderland planning problems.

The fundamental principles of research project design, scheduling, and execution, as well as exposure to a variety of methodological approaches using visual, cartographic, quantitative and qualitative data sources.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Letter grade. Alternative to final exam.

Instructor: Hosbey

Formerly known as: City and Regional Planning 180

CY PLAN 190 Advanced Topics in Urban Studies 1 - 4 Units

Terms offered: Spring 2025, Fall 2024, Spring 2024

Analysis of selected topics in urban studies. Topics vary by semester.

Rules & Requirements

Prerequisites: Upper division standing

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 1-4 hours of lecture per week

Summer: 8 weeks - 2-8 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: The grading option will be decided by the instructor when the class is offered. Final exam not required.

CY PLAN 197 Field Studies 1 - 3 Units

Terms offered: Summer 2019, Spring 2018, Fall 2017

Supervised experiences in the study of off-campus organizations relevant to specific aspects of city planning. Regular individual meetings with faculty sponsor and a written report are required.

Rules & Requirements

Prerequisites: Consent of instructor

Credit Restrictions: Enrollment is restricted; see the Introduction to Courses and Curricula section of this catalog.

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 3-9 hours of fieldwork per week

Summer: 8 weeks - 6-18 hours of fieldwork per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

CY PLAN 198 Special Group Study 1 - 3 Units

Terms offered: Spring 2023, Fall 2022, Spring 2022

Group studies developed to meet specific needs of students.

Rules & Requirements

Credit Restrictions: Enrollment is restricted; see the Introduction to Courses and Curricula section of this catalog.

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 1-3 hours of directed group study per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

CY PLAN 199 Special Study for Advanced Undergraduates 1 - 4 Units

Terms offered: Summer 2020 Second 6 Week Session, Summer 2019

Second 6 Week Session, Summer 2018 Second 6 Week Session

Regular meetings with faculty overseer.

Rules & Requirements

Prerequisites: Consent of instructor

Credit Restrictions: Enrollment is restricted; see the Introduction to Courses and Curricula section of this catalog.

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 0 hours of independent study per week

Summer:

6 weeks - 2.5-10 hours of independent study per week

8 weeks - 1.5-7.5 hours of independent study per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

CY PLAN 200 Planning Histories and Practice: Frameworks, Opportunities and Dilemmas 4 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

A survey of key historical moments in the emergence of modern city planning, framed within the context of social equity and ethics. While the focus is on planning in the United States, the course also pays attention to global connections that exert influence on the theory and practice of planning in the US context.

Objectives & Outcomes

Course Objectives: The course introduces students to key paradigms of planning thought. The course is organized around the principle that histories of city planning are also about theories of planning.

In addition to writing instruction, the course provides an opportunity for further professional development through students conducting interviews for their core paper assignment and drafting a resume and professional development plan outlining their academic and career goals. Students also will be exposed to practitioners in planning and related fields through guest speakers in class during the second half of the course on contemporary topics.

The course introduces students to city and regional planning ideas, history and practices and how they have shaped and responded to urban development. As histories of city planning are rooted in the quest for spatial order, the course seeks to enable students to have a deeper understanding of how space functions in tandem with history, practice and policy implementation.

The course will provide instruction on writing – professional quality deliverables for master's students and scholarly level text and orientation for doctoral students.

We will discuss the power and limits of planning, planning and social change, the multiple roles in which planners find themselves, and the relationship between planning and built and natural environments. We will consider views of key stakeholders and members of the public from across the political spectrum. We will examine current pressing planning and policy issues in the context of their historical underpinnings.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Frick

CY PLAN 201A Planning Methods Gateway: Part I 4 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

This class introduces first-year students in the Master of City Planning (MCP) program to a suite of data collection, data analysis, problem solving, and presentation methods that are essential for practicing planners. It focuses on supporting integrated problem solving, using a case-based approach to introduce methods in sequenced building-blocks.

Objectives & Outcomes

Course Objectives: The course is designed to introduce students to problem identification in the planning realm, and to the data collection and analysis skills relevant to addressing those problems. Students will learn how to define planning problems; identify the information needed to better understand and develop solutions to those problems; collect data and conduct analysis to provide that information; and understand the mechanics, promises and pitfalls of those methods. Practical skills include downloading and using secondary data, conducting statistical tests of difference, observation, making maps from secondary data, interviewing, and conducting financial analyses. Through lectures, case studies, group assignments, and individual assignments, students will achieve the following learning objectives:

Student Learning Outcomes: •

Identify planning problems and questions

•

Design and implement a research project in response to a planning problem or question

•

Become a critical consumer of statistics, methods, and evidence/arguments in the press and in policy, planning and advocacy publications

•

Think critically about research problems and research design, learn what kinds of problems planners address in day-to-day life, and recognize the role of theory in shaping both questions and research design

•

Prepare clear, accurate and compelling text, graphics and maps for use in documents and presentations

•

Build public presentation skills, and have an opportunity to practice and receive feedback on presentations of various lengths

•

Learn how to write for different audiences, and effectively include data/evidence in writing

•

Be introduced to the faculty in DCRP and their research methods and approaches

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1.5 hours of laboratory per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Reid

CY PLAN 201B Planning Methods Gateway: Part II 4 Units

Terms offered: Spring 2023, Spring 2022, Spring 2021

Second course in two-semester course sequence that introduces first-year students in the Master of City Planning (MCP) program to a suite of data collection, data analysis, problem solving, and presentation methods that are essential for practicing planners. 201B prepares MCP students for more advanced courses in statistics, GIS, observation, qualitative methods, survey methods, and public participation.

Objectives & Outcomes

Course Objectives: The two-semester course is designed to introduce students to problem identification in the planning realm, and to the data collection and analysis skills relevant to addressing those problems. Students will learn how to define planning problems; identify the information needed to better understand and develop solutions to those problems; collect data and conduct analysis to provide that information; and understand the mechanics, promises and pitfalls of those methods. Practical skills include downloading and using secondary data, conducting statistical tests of difference, observation, making maps from secondary data, interviewing, and conducting financial analyses. Through lectures, case studies, group assignments, and individual assignments, students will achieve the following learning objectives:

Student Learning Outcomes: • Identify planning problems and questions

• Design and implement a research project in response to a planning problem or question

• Become a critical consumer of statistics, methods, and evidence/arguments in the press and in policy, planning and advocacy publications

• Think critically about research problems and research design, learn what kinds of problems planners address in day-to-day life, and recognize the role of theory in shaping both questions and research design

• Prepare clear, accurate and compelling text, graphics and maps for use in documents and presentations

• Build public presentation skills, and have an opportunity to practice and receive feedback on presentations of various lengths

• Learn how to write for different audiences, and effectively include data/evidence in writing

• Be introduced to the faculty in DCRP and their research methods and approaches

Rules & Requirements

Prerequisites: City and Regional Planning 201A; exceptions made with instructor approval

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of laboratory per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructors: Chatman, Reid

CY PLAN 204B Qualitative Research Methods 4 Units

Terms offered: Spring 2025, Spring 2024, Spring 2016

The interest in qualitative research and especially in ethnography has been growing in the planning and design professions. This interest has not always been matched by in-depth and critical examination of qualitative methodology. This course explores common practices of qualitative research in the social sciences. Students are expected to do field research. The class is designed around an experimental research project in which all students will participate and apply various techniques of data collection and analysis. These include observation, interviewing, mapping, coding, and use of images. Classes, readings, and exercises will approach qualitative methods and techniques critically and interrogate their epistemological assumptions.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Caldeira

CY PLAN 204C Analytic and Research Methods for Planners: Introduction to GIS and City Planning 4 Units

Terms offered: Spring 2025, Spring 2024, Fall 2022

Introduction to the principles and practical uses of Geographic Information Systems (GIS). This course is intended for graduate students with exposure to using spreadsheets and database programs for urban and natural resource analysis, and who wish to expand their knowledge to include basic GIS concepts and applications. Prior GIS or desktop mapping experience not required.

Rules & Requirements

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

Summer:

6 weeks - 10 hours of lecture per week

8 weeks - 7.5 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Hamstead

CY PLAN 204D Multivariate Analysis in Planning 3 Units

Terms offered: Spring 2024, Spring 2016, Spring 2013

Theory and application of advanced multivariate methods in planning. Emphasis on causal modeling of cross-sectional data. Topics include: multiple regression analysis; residual analysis; weighted least squares; non-linear models; path analysis; log-linear models; logit and probit analysis; principal components; factor and cluster analysis. Completion of two computer assignments, using several microcomputer statistical packages, is required.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN 205 Introduction to Planning and Environmental Law 3 Units

Terms offered: Fall 2025, Fall 2024, Spring 2022

An introduction to the American legal process and legal framework within which public policy and planning problems are addressed. The course stresses legal methodology, the basics of legal research, and the common-law decisional method. Statutory analysis, administrative law, and constitutional interpretation are also covered. Case topics focus on the law of planning, property rights, land use regulation, and access to housing.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Bigelow

CY PLAN 207 Land and Housing Market Economics 3 Units

Terms offered: Spring 2025, Spring 2024, Fall 2022

Using microeconomics as its platform, course explores the process and pattern of land utilization from a variety of perspectives: the neighborhood, the city, and the metropolis. The approach blends real estate, descriptive urban geography, and urban history with economics.

Rules & Requirements

Prerequisites: 113A or equivalent

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Hamstead

Formerly known as: Educational Administration 261B

CY PLAN 208 Plan Preparation Studio 5 Units

Terms offered: Spring 2025, Spring 2024, Spring 2021

An introductory laboratory experience in urban plan preparation, including the use of graphic communication techniques appropriate to city planning and invoking individual effort and that of collaborative student groups in formulating planning policies and programs for an urban area. Occasional Friday meetings are required.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar and 5 hours of studio per week

Summer: 8 weeks - 4 hours of seminar and 16 hours of studio per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Macdonald

CY PLAN 208A Virtual Collaborative Plan Preparation Studio 5 Units

Terms offered: Spring 2023, Spring 2022

This studio provides an intensive experience in urban plan preparation via virtual collaborative methods, including the use of graphic communication techniques appropriate to city planning and urban design, and involves individual effort and collaborative group effort to analyze an urban area and formulate planning policies, spatial designs, and programs for it that are responsive to existing contexts and community needs.

Rules & Requirements

Credit Restrictions: Students will receive no credit for CY PLAN 208A after completing CY PLAN 208.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar and 5 hours of studio per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Macdonald

CY PLAN C213 Transportation and Land Use Planning 3 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

Examination of the interactions between transportation and land use systems; historical perspectives on transportation; characteristics of travel and demand estimation; evaluation of system performance; location theory; models of transportation and urban structure; empirical evidence of transportation-land use impacts; case study examinations.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Chatman

Also listed as: CIV ENG C290U

CY PLAN 214 Infrastructure Planning and Policy: Climate Change Planning and Urban Systems 3 Units

Terms offered: Spring 2025, Spring 2023, Spring 2022

This course introduces students to city planning and climate change. Its focuses on urban systems that are affected by climate change and that define urban vulnerability or resilience to climate change. For students interested in sustainable environmental design, the course situates design problems in a broader policy, regulatory, financial, and infrastructural context. We will cover topics such as green infrastructure, flood protection, networked infrastructure such as water and electricity, insurance, and post-disaster finance, as well as selected topics in land use and spatial planning. In addressing all these topics, emphasis is placed on political and normative issues that arise in the context of urban adaptation to climate change.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Collier

CY PLAN C215 Global Urban Inequalities 3 Units

Terms offered: Fall 2025, Fall 2024, Fall 2022, Fall 2021

This course is animated by the question: what is global and urban about inequalities? It has two aims. First, it focuses on the historical-geographies of globalization and cities, and unpacks how cities are embedded within wider networks of capitalism. Second, it explores the many meanings and political projects around decolonizing the city, and looks at at unlearning, anti-imperialism, abolition, epistemic justice as concrete actions to combat global urban inequalities.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Balakrishnan

Also listed as: GMS C215

CY PLAN 216 Active Transportation 3 Units

Terms offered: Fall 2024, Fall 2022, Fall 2020

Covers pedestrian and bicycle transportation planning including benefits of active transportation, importance of urban design and network connectivity, and facility design. Examines policies and programs to support active transportation and the processes to create, implement, and evaluate bicycle and pedestrian plans.

Rules & Requirements

Prerequisites: Graduate standing or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Rodriguez

CY PLAN C217 Transportation Policy and Planning 3 Units

Terms offered: Spring 2025, Spring 2024, Spring 2023

Policy issues in urban transportation planning; measuring the performance of transportation systems; the transportation policy formulation process; transportation finance, pricing, and subsidy issues; energy and air quality in transportation; specialized transportation for elderly and disabled people; innovations in transportation policy.

Rules & Requirements

Prerequisites: CIV ENG 213

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Also listed as: CIV ENG C250N

CY PLAN 218 Transportation Planning Studio 4 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

Studio on applying skills of urban transportation planning. Topics vary, focusing on specific urban sites and multi-modal issues, including those related to planning for mass transit and other alternatives to the private automobile. Recent emphasis given to planning and designing for transit villages and transit-based housing.

Rules & Requirements

Prerequisites: 213 or 217 or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of studio per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Frick

CY PLAN 220 The Urban and Regional Economy 3 Units

Terms offered: Fall 2023, Spring 2023, Fall 2021

Analysis of the urban, metropolitan, and regional economy for planning. Economic base and other macro models; impact analysis and projection of changing labor force and industrial structure; economic-demographic interaction; issues in growth, income distribution, planning controls; interregional growth and population distribution issues.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN 228 Research Workshop on Metropolitan Regional Planning 4 Units

Terms offered: Fall 2021, Fall 2020, Spring 2020

Field problem in major phases of metropolitan or regional planning work. A collaborative student-group effort in formulating policy or plan recommendations within specific governmental framework.

Rules & Requirements

Prerequisites: Relevant past coursework and consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of studio and 2 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN 230 U.S. Housing, Planning, and Policy 3 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

This course engages with housing markets in the context of current and historic local, state, and federal policy and planning practice. Taking into account issues of equity and implications on climate, students will engage with emerging policy and market trends in housing affordability and supply.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Metcalf

CY PLAN 235 Affordable Housing Finance and Development 4 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

Using case studies, this course acquaints students with the techniques of project feasibility; analysis of project proposals and overall project compatibility assessment. Case studies will be based on a variety of public and private sector developments, in central city and suburb locations.

Rules & Requirements

Prerequisites: 207 or equivalent

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of laboratory per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Silverberg

CY PLAN 238 Development--Design Studio 5 Units

Terms offered: Spring 2024, Spring 2023, Spring 2022

Studio experience in analysis, policy advising, and project design or general plan preparation for urban communities undergoing development, with a focus on site development and project planning.

Rules & Requirements

Prerequisites: City and Regional Planning 235

Hours & Format

Fall and/or spring: 15 weeks - 8 hours of studio per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Metcalf

CY PLAN C240 Theories of Urban Form and Design 3 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

Theories and patterns of urban form throughout history are studied with emphasis on the role of planning and design in shaping cities and the relationship between urban form and social, economic, and geographic factors. Using a case study approach, cities are evaluated in terms of various theories and performance dimensions.

Rules & Requirements

Prerequisites: Consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Also listed as: LD ARCH C250

CY PLAN C241 Research Methods in Environmental Design 4 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

The components, structure, and meaning of the urban environment. Environmental problems, attitudes, and criteria. Environmental survey, analysis, and interview techniques. Methods of addressing environmental quality. Environmental simulation.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 2 hours of laboratory per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Lamb

Formerly known as: Interdepartmental Studies 241

Also listed as: LD ARCH C241

CY PLAN C243 Shaping the Public Realm 5 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

This interdisciplinary studio focuses on the public realm of cities and explores opportunities for creating more humane and delightful public places. Problems will be at multiple scales in both existing urban centers and in areas of new growth. Skills in analyzing, designing, and communicating urban design problems will be developed. Studio work will be supplemented with lectures, discussions, and field trips. Visiting professionals will present case studies and will serve on reviews.

Rules & Requirements

Prerequisites: Previous design studio or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 6 hours of studio per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Brand

Formerly known as: 203

Also listed as: LD ARCH C203

CY PLAN 248 Advanced Studio: Urban Design/Environmental Planning 5 Units

Terms offered: Fall 2025, Spring 2025, Spring 2024

Advanced problems in urban design and land use, and in environmental planning. Occasional Friday meetings are required.

Rules & Requirements

Prerequisites: 208 or 240

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar and 6 hours of studio per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN 249 Urban Design in Planning 3 Units

Terms offered: Spring 2018, Fall 2009, Fall 2007

This seminar will focus on urban design in the planning process, the role of environmental surveys, methods of community involvement, problem identification, goal formulation and alternatives generation, environmental media and presentation, design guidelines and review, environmental evaluation and impact assessment. Case studies.

Rules & Requirements

Prerequisites: Consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Macdonald

Formerly known as: Interdepartmental Studies 249

CY PLAN 250 The Spatial Politics of Land: A Transnational Perspective 3 Units

Terms offered: Spring 2024, Spring 2021, Spring 2010

This course focuses on the deeply contested and political nature of land-use. It uses the spatial lens to situate land-use planning within wider processes of globalization. A central premise is to link land-use planning to property rights, and to ask: how is land, a spatially fixed resource with unique characteristics in each location, transformed into an asset for private ownership, an instrument of finance, a fungible asset; and what are the distributive conflicts that arise from private property? The course is also committed to an exploration of how planners can move towards more emancipatory land-use practices.

Rules & Requirements

Prerequisites: Consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Sai Balakrishnan

CY PLAN C251 Environmental Planning and Regulation 3 Units

Terms offered: Spring 2025, Spring 2024, Spring 2023

This course will examine emerging trends in environmental planning and policy and the basic regulatory framework for environmental planning encountered in the U.S. We will also relate the institutional and policy framework of California and the United States to other nations and emerging international institutions. The emphasis of the course will be on regulating "residuals" as they affect three media: air, water, and land.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Acey

Also listed as: LD ARCH C231

CY PLAN 252 Land Use Controls 3 Units

Terms offered: Fall 2018, Spring 2018, Spring 2017

An advanced course in implementation of land use and environmental controls. The theory, practice and impacts of zoning, growth management, land banking, development systems, and other techniques of land use control. Objective is to acquaint student with a range of regulatory techniques and the legal, administrative-political equity aspects of their implementation.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN 253 Climate Justice Seminar 3 Units

Terms offered: Fall 2025, Fall 2024

This course engages with the historical contexts, governance processes, theories, scientific understandings, and politics of urban climate and environmental justice.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN 254 Sustainable Communities 3 Units

Terms offered: Spring 2024, Spring 2023, Spring 2021

This course examines and explores the concept of sustainable development at the community level. The course has three sections: (1) an introduction to the discourse on sustainable development; (2) an exploration of several leading attempts to incorporate sustainability principles into plans, planning, and urban design; (3) a comparative examination of several attempts to modify urban form and address the multiple goals (social, economic, environmental) of sustainable urbanism.

Rules & Requirements

Prerequisites: Graduate standing or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Acey

CY PLAN 255 Urban Informatics and Visualization 3 Units

Terms offered: Spring 2025, Spring 2024, Spring 2022

A hands-on data visualization course that trains students to analyze urban data, develop indicators, and create visualizations and maps using programming languages, open source tools, and public data.

Rules & Requirements

Prerequisites: Consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN C256 Healthy Cities 3 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

Exploration of common origins of urban planning and public health, from why and how the fields separated and strategies to reconnect them, to addressing urban health inequities in the 21st century. Inquiry to influences of urban population health, analysis of determinants, and roles that city planning and public health agencies - at local and international level - have in research, and action aimed at improving urban health. Measures, analysis, and design of policy strategies are explored.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Corburn

Formerly known as: City and Regional Planning 256

Also listed as: PB HLTH C233

CY PLAN 257 Data Science for Human Mobility and Socio-technical Systems 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

Techniques for analyzing individual daily activities and travels both at urban and at global scale. The course is designed for graduate students interested in methods to analyze human dynamics, and their interactions with the built and the natural environment. Course covers five units each of which is centered in a seminal research paper. Students learn to reproduce the results of the selected paper in the classroom via computer labs, and through a related data analysis and modeling assignments.

Objectives & Outcomes

Course Objectives: The course reviews basic concepts of data analysis, modeling, and visualization. Methods include principal component analysis to identify the structure inherent in daily behavior, spatial clustering, introduction to fractals, random walks and parsing of spatial trajectories. Ending with models and methods to represent various socio technical systems as networks, such as: daily commuting, air travels, and roads.

Rules & Requirements

Prerequisites: An undergraduate-level understanding of probability, statistics, algorithms, and linear algebra is required

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of laboratory and 1 hour of discussion per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Gonzalez

CY PLAN C257H Human Mobility and Network Science 3 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

Techniques for analyzing individual daily activities and travels both at urban and at global scale. The course is designed for graduate students interested in methods to analyze human dynamics, and their interactions with the built and the natural environment. Course covers five units each of which is centered in a seminal research paper. Students learn to reproduce the results of the selected paper in the classroom via computer labs, and through a related data analysis and modeling assignments.

Objectives & Outcomes

Course Objectives: The course reviews basic concepts of data analysis, modeling, and visualization. Methods include principal component analysis to identify the structure inherent in daily behavior, spatial clustering, introduction to trip distribution models and parsing of spatial trajectories. Ending with models and methods to represent various socio-technical systems as networks, such as: daily commuting, air travels, and roads.

Rules & Requirements

Prerequisites: An undergraduate-level understanding of probability, statistics, algorithms, and linear algebra is required

Credit Restrictions: Students will receive no credit for CY PLAN C257H after completing CY PLAN 257.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Gonzalez

Also listed as: CIV ENG C263H

CY PLAN 260 The Origins and Practice of Community Development 3 Units

Terms offered: Spring 2025, Spring 2023, Spring 2021

Community development, broadly defined as efforts to improve the quality of life in low-income communities, has existed in multiple forms for centuries. However, in the 1950s and 1960s, the United States witnessed the development of a professionalized field of community development, encompassing a wide range of institutions, policies, and programs.

This course provides students with an overview of the origins of the community development field and the key theories that motivate both practice and policy. Throughout the course, case studies will provide a real-world perspective on community development and how practitioners are working to create healthy and economically vibrant communities for all.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Reid

Formerly known as: 268

CY PLAN C261 Community Engagement and Public Participation in Planning Processes 3 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

This course examines the theories, practices, and ethics of undertaking community engagement and public participation relative to planning processes. Students will learn about traditional forms of engagement and participation, while also testing newer theories and practices in the field.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Formerly known as: Interdepartmental Studies 223

Also listed as: LD ARCH C242

CY PLAN 264 Blackness and the Politics of Space and Place 3 Units

Terms offered: Spring 2024

What can we learn about how places are made and un-made when we focus on the lives and experiences of the Black people who live within them? Using insights from cultural anthropology, Black cultural studies, and geography, this course critically explores “Black geographies” in an effort to understand the ways that race and space are mutually constituted in our modern world. Exploring both the joys and the pains of Black social and cultural life, living under regimes of gentrification, displacement, environmental degradation, and white supremacy. Throughout the course, students will be given structured opportunities to apply their critical lenses to the intersections of race, space, and place in the Bay Area.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Hosbey

CY PLAN 268 Community Development Studio/Workshop 4 Units

Terms offered: Spring 2025, Spring 2024, Spring 2023

Studio experience in analysis, policy advising, and implementation in an urban setting. Students will engage in group work for real clients (e.g., community-based organizations or local government agencies), culminating in a final report or proposal.

Rules & Requirements

Prerequisites: 208 or 235

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of lecture and 4 hours of studio per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: McKoy

CY PLAN 280A Doctoral Seminars: Research Design for the Ph.D 3 Units

Terms offered: Spring 2025, Spring 2024, Spring 2022

This course is designed for students working on their dissertation research plan and prospectus. Weekly writing assignments designed to work through each step of writing the prospectus from problem framing and theoretical framework to methodology. At least one oral presentation to the class is required of all students.

Rules & Requirements

Prerequisites: Ph.D. standing

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Formerly known as: 280

CY PLAN 280B Doctoral Research and Writing Seminar 3 Units

Terms offered: Spring 2025, Spring 2024, Spring 2023

Post-candidacy research and writing seminar, focused on completion of a dissertation.

Rules & Requirements

Prerequisites: Ph.D. students in post-candidacy in city planning or related field

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN 280C Doctoral Seminars: Doctoral Colloquium 2 Units

Terms offered: Fall 2025, Spring 2025, Fall 2024

Presentation and discussion of research by Ph.D. students and faculty.

Rules & Requirements

Prerequisites: Ph.D. standing

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Offered for satisfactory/unsatisfactory grade only.

CY PLAN 281 Planning Theory 3 Units

Terms offered: Spring 2025, Spring 2024, Fall 2022

This course examines the evolution of ideas about city planning as a form of specialized knowledge and theoretical reflection. It is a required course for PhD students in the Department of City and Regional Planning. Other students are welcome to take the course with instructor approval. The course aims to study the historical arc of planning theory, to engage major strains of social theory that have influenced planning, and to situate planning theory as a distinct disciplinary field. Readings for the course include classic texts in social theory (Polanyi, Marx, Foucault, Hayek, Ostrom); recent social theory (Rose, Fraser, Harvey, Mamdani, and Young); planning theorists (from Rittel, Davidoff, and Jacobs to Mirafteb and Sandercock).

Rules & Requirements

Prerequisites: Ph.D. level course

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Collier

CY PLAN 284 Urban Theory 3 Units

Terms offered: Fall 2024, Fall 2023, Spring 2023

The investigation of modern cities has presented great challenges for social theory. For over a century, scholars have debated about how to read and explain the modern industrial city. This course traces the main ways in which these debates have unfolded since the middle of the nineteenth century to the present. To follow these debates is to understand how scholars have struggled to make cities legible, to fix them as objects of analysis, and simultaneously to capture their processes of transformation.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Caldeira

CY PLAN 290 Topics in City and Metropolitan Planning 1 - 4 Units

Terms offered: Fall 2025, Spring 2025, Spring 2024

Analysis of selected topics in city and metropolitan planning with emphasis on implications for planning practice and urban policy formation. In some semesters, optional five-week, 1-unit modules may be offered, taking advantage of guest visitors. Check department for modules at start of semester.

Rules & Requirements

Prerequisites: Consent of instructor

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 0-4 hours of seminar per week

Summer: 8 weeks - 1-5 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN 291 Special Projects Studio in Planning 4 - 6 Units

Terms offered: Spring 2025, Spring 2023, Spring 2022

Studio on special projects in planning. Topics vary by semester.

Rules & Requirements

Prerequisites: Graduate standing

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 2-3 hours of lecture and 6-9 hours of studio per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN 293 Capstone Writing Workshop 1 Unit

Terms offered: Fall 2025, Fall 2024

This workshop is designed for Masters students in the Department of City & Regional Planning who are working on their professional report, client report, or thesis.

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Offered for satisfactory/unsatisfactory grade only.

CY PLAN 295 Supervised Research in City and Regional Planning 1 - 2 Units

Terms offered: Fall 2024, Spring 2024, Fall 2008

Supervised experience on a research project in urban or regional planning. Any combination of 295, 297 courses may be taken for a total of 6 units maximum towards the M.C.P. degree.

Rules & Requirements

Prerequisites: Graduate standing in department and consent of adviser and sponsor

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 0 hours of independent study per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Offered for satisfactory/unsatisfactory grade only.

CY PLAN 297 Supervised Field Study in City and Regional Planning 1 - 2 Units

Terms offered: Fall 2015, Fall 2007, Spring 2007

Supervised experience relative to specific aspects of practice in city or regional planning. Any combination of 295, 297 courses may be taken for a total of 6 units maximum toward the M.C.P. degree. A maximum of 3 units of 297 can be used for degree requirements.

Rules & Requirements

Prerequisites: Graduate standing in department and consent of adviser and sponsor

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 0 hours of fieldwork per week

Summer: 8 weeks - 1.5-3.5 hours of fieldwork per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Offered for satisfactory/unsatisfactory grade only.

CY PLAN 298 Group Studies 1 - 3 Units

Terms offered: Fall 2024, Spring 2024, Fall 2022

Topics to be announced at beginning of each semester. No more than 3 units may be taken in one section.

Rules & Requirements

Prerequisites: Consent of instructor

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 1-3 hours of independent study per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: The grading option will be decided by the instructor when the class is offered.

CY PLAN 299 Individual Study or Research 1 - 12 Units

Terms offered: Fall 2019, Fall 2015, Spring 2015

Individual study or research program; must be worked out with instructor in advance of signing up for credits. Maximum number of individual study units (295, 297, 299) counted toward the M.C.P. degree credits is 9.

Rules & Requirements

Prerequisites: Consent of instructor and graduate standing

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 0 hours of independent study per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN N299 Individual Study or Research 1 - 6 Units

Terms offered: Summer 2015 10 Week Session, Summer 2009 10 Week Session, Summer 2007 10 Week Session

Individual study or research program; must be worked out with instructor in advance of signing up for credits. Maximum number of individual study credits counted toward the MCP degree is 9.

Rules & Requirements

Prerequisites: Consent of instructor and graduate standing

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Summer: 8 weeks - 1-6 hours of independent study per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

CY PLAN 375 Supervised Teaching in City and Regional Planning 1 - 2 Units

Terms offered: Fall 2025, Fall 2023, Fall 2021

Supervised teaching experience in courses related to planning. Course may not be applied toward the M.C.P. degree.

Rules & Requirements

Prerequisites: Graduate standing in department and appointment as a graduate student instructor

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 1-2 hours of independent study per week

Additional Details

Subject/Course Level: City and Regional Planning/Professional course for teachers or prospective teachers

Grading: Offered for satisfactory/unsatisfactory grade only.

Formerly known as: City and Regional Planning 300

CY PLAN 399 Supervised Teaching 1 or 3 Units

Terms offered: Fall 2024

Professional courses for prospective teachers

Rules & Requirements

Prerequisites: Appointment as graduate student instructor

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 2-4 hours of independent study per week

Additional Details

Subject/Course Level: City and Regional Planning/Professional course for teachers or prospective teachers

Grading: Offered for satisfactory/unsatisfactory grade only.

CY PLAN 602 Individual Study for Doctoral Students 1 - 8 Units

Terms offered: Fall 2023, Fall 2019, Fall 2015

Individual study in consultation with the major field adviser, intended to provide an opportunity for qualified students to prepare themselves for the various examinations required of candidates for the Ph.D. May not be used for unit or residence requirements for the doctoral degree. Students may earn 1-8 units of 602 per semester or 1-4 units per summer session. No student may accumulate more than a total of 16 units of 602.

Rules & Requirements

Prerequisites: Ph.D. students only

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 0 hours of independent study per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate examination preparation

Grading: Offered for satisfactory/unsatisfactory grade only.