

City and Regional Planning (CY PLAN)

Courses

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CY PLAN C88 Data Science for Smart Cities 2 Units

Terms offered: Spring 2021, Spring 2020

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.

Data Science for Smart Cities: Read More [+]

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

Data Science for Smart Cities: Read Less [-]

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.

Field Studies in City and Regional Planning: Read More [+]

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.

Field Studies in City and Regional Planning: Read Less [-]

CY PLAN 98 Special Group Study 1 - 3 Units

Terms offered: Spring 2021, Fall 2020, Spring 2020

Group studies developed to meet specific needs of students.

Special Group Study: Read More [+]

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.

Special Group Study: Read Less [-]

CY PLAN 101 Introduction to Urban Data Analytics 4 Units

Terms offered: Summer 2021 8 Week Session, Spring 2021, Summer 2020 First 6 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.

Introduction to Urban Data Analytics: Read More [+]

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

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

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

Instructors: Chapple, Karen

Introduction to Urban Data Analytics: Read Less [-]

CY PLAN 110 Introduction to City Planning 4 Units

Terms offered: Summer 2021 8 Week Session, Fall 2020, Summer 2020 First 6 Week Session

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.

Introduction to City Planning: Read More [+]

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 - 7.5 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.

Introduction to City Planning: Read Less [-]

CY PLAN 113A Economic Analysis for Planning 3 Units

Terms offered: Summer 2021 First 6 Week Session, Fall 2020, Fall 2019
Introduction to economic concepts and thinking as used in planning.
Micro-economic theory is reviewed and critiqued.

Economic Analysis for Planning: Read More [+]

Hours & Format

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

Summer: 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.

Economic Analysis for Planning: Read Less [-]

CY PLAN 113B Community and Economic Development 4 Units

Terms offered: Spring 2020, Fall 2019, Fall 2018

Introduction to political, economic and social issues involved in theory and practice of community economic development. Focus on national economic and social policies, role of local community economic development corporations (CDCs), resolution of conflicts between private-sector profitability and public sector (community) accountability through critical use of the planning process.

Community and Economic Development: Read More [+]

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.

Community and Economic Development: Read Less [-]

CY PLAN 114 Introduction to Urban and Regional Transportation 3 Units

Terms offered: Summer 2021 First 6 Week Session, Spring 2021, Summer 2020 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.

Introduction to Urban and Regional Transportation: Read More [+]

Hours & Format

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

Summer:

6 weeks - 7.5 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

Introduction to Urban and Regional Transportation: Read Less [-]

CY PLAN 115 Urbanization in Developing Countries 4 Units

Terms offered: Fall 2020, Fall 2013, Fall 2012

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.

Urbanization in Developing Countries: [Read More](#) [+]

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 per week

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

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

Instructor: Roy

Urbanization in Developing Countries: [Read Less](#) [-]

CY PLAN N115 Urbanization in Developing Countries 3 Units

Terms offered: Summer 2021 First 6 Week Session, Summer 2020 First 6 Week Session, Summer 2019 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.

Urbanization in Developing Countries: [Read More](#) [+]

Hours & Format

Summer:

6 weeks - 8 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.

Urbanization in Developing Countries: [Read Less](#) [-]

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

Terms offered: Spring 2021, Spring 2020, Spring 2019

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.

Urban Planning Process--The Undergraduate Planning Studio: [Read More](#) [+]

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.

Urban Planning Process--The Undergraduate Planning Studio: [Read Less](#) [-]

CY PLAN 117AC Urban & Community Health 3 Units

Terms offered: Spring 2021, Spring 2020, Spring 2019

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.

Urban & Community Health: [Read More](#) [+]

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

Urban & Community Health: [Read Less](#) [-]

CY PLAN 118AC The Urban Community 4 Units

Terms offered: Summer 2021 8 Week Session, Fall 2020, Spring 2020
 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 limits depend on the instructor.

The Urban Community: Read More [+]

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.

Instructor: Hutson

The Urban Community: Read Less [-]

CY PLAN 119 Planning for Sustainability 4 Units

Terms offered: Summer 2021 8 Week Session, Fall 2020, Fall 2019
 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.

Planning for Sustainability: Read More [+]

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

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

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

Instructor: Acey

Planning for Sustainability: Read Less [-]

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

Terms offered: Spring 2021, Spring 2019, Spring 2018

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.

Community Planning and Public Policy for Disability: Read More [+]

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: Dear

Community Planning and Public Policy for Disability: Read Less [-]

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

Terms offered: Summer 2021 First 6 Week Session

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.

U.S. Housing, Planning, and Policy: Read More [+]

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 - 8 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

U.S. Housing, Planning, and Policy: Read Less [-]

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.

Urban and Sub-national Politics in Developing Countries: Read More [+]

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

Urban and Sub-national Politics in Developing Countries: Read Less [-]

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

Terms offered: Fall 2020, Fall 2019, Fall 2018

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.

Urban Design: City-Building and Place-Making: Read More [+]

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

Urban Design: City-Building and Place-Making: Read Less [-]

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

Terms offered: 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.

The Origins and Practice of Community Development: Read More [+]

Objectives & Outcomes

Student Learning Outcomes:

Be exposed to the key debates in community development policy.

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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.

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

The Origins and Practice of Community Development: Read Less [-]

CY PLAN 180 Research Seminar in Urban Studies 3 Units

Terms offered: Spring 2021, Spring 2020, Spring 2019

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.

Research Seminar in Urban Studies: Read More [+]

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.

Research Seminar in Urban Studies: Read Less [-]

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

Terms offered: Spring 2021, Spring 2020, Fall 2019

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

Advanced Topics in Urban Studies: Read More [+]

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.

Advanced Topics in Urban Studies: Read Less [-]

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.

Field Studies: Read More [+]

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 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.

Field Studies: Read Less [-]

CY PLAN 198 Special Group Study 1 - 3 Units

Terms offered: Spring 2021, Fall 2020, Spring 2020

Group studies developed to meet specific needs of students.

Special Group Study: Read More [+]

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.

Special Group Study: Read Less [-]

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.

Special Study for Advanced Undergraduates: Read More [+]

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.

Special Study for Advanced Undergraduates: Read Less [-]

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

Terms offered: Fall 2020, Fall 2019, Fall 2018

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.

Planning Histories and Practice: Frameworks, Opportunities and Dilemmas: [Read More](#) [+]

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

Planning Histories and Practice: Frameworks, Opportunities and Dilemmas: [Read Less](#) [-]

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

Terms offered: Fall 2020, Fall 2019, Fall 2018

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. 201A focuses on supporting integrated problem solving, using a case-based approach to introduce methods in sequenced building-blocks. 201B prepares MCP students for more advanced courses in statistics, GIS, observation, qualitative methods, survey methods, and public participation.

Planning Methods Gateway: Part I: [Read More](#) [+]

Objectives & Outcomes

Course Objectives: The CY PLAN 201A and 201B course sequence 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: This course is a prerequisite to 201B; 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.

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

Terms offered: Spring 2021, Spring 2020, Spring 2019

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.

Planning Methods Gateway: Part II: Read More [+]

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

Planning Methods Gateway: Part II: Read Less [-]

CY PLAN 202 Practice Gateway: Introduction to Planning Practice 3 Units

Terms offered: Spring 2019, Spring 2018, Fall 2016

Using challenging real-world cases, this course introduces first year MCP students to the persistent dilemmas, the power and limits of planning action, the multiple roles in which planners find themselves in communities around the globe, and the political and other constraints that planners face as they try to be effective, and the key issues facing planning practice. In all these ways, our focus is on planning action, not the history of urban development or urban social theory, though we will explore the ways in which planning ideals and cities have shaped each other as society evolves.

Practice Gateway: Introduction to Planning Practice: Read More [+]

Objectives & Outcomes

Course Objectives: To develop core competencies essential to effective practice, including problem analysis, teamwork, and communication skills (written and oral presentation, media support); and

To help students develop models of practice that contribute to their understanding of the varied demands of effective practice and that guide their professional development and lifelong learning;

To introduce incoming students, through hands-on work, to DCRP, including our faculty, research specializations, the domestic and international elements of our work (and bridges across them), and options within the curriculum.

To introduce students to the professional practice of planning and, in the process, a language and set of reference points that help define the profession and the many fields it touches;

To stimulate a critical awareness of the opportunities and challenges specific to planning in diverse societies, whether diversity is defined in racial, ethnic, religious, class, or other dimensions;

Student Learning Outcomes: This class focuses on case-based teaching, with a combination of lectures, large and small group discussions and in-class problem-solving based on case materials. The assignments are focused on professional outputs, learning how to work as part of a professional team and supporting each student to develop their own Professional Development Plan. Assignments would also force students to grapple with one or more dimensions of the case studies, such as: who defined the problem, what evidence was used, who participated in the process, what public policies, institutions and private sector practices influenced the case/plan, what were impacts on places and people (at different scales) and how do we know?

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.

Instructors: Corburn, Hutson

Practice Gateway: Introduction to Planning Practice: Read Less [-]

CY PLAN 204B Analytic and Research Methods for Planners: Research Methods for Planners 2 or 4 Units

Terms offered: Spring 2016, Fall 2015, Spring 2014

Research methods for planning, including problem definition, observation, key informant interviewing, causal modeling, survey design and overall design of research, as well as memorandum writing and presentation skills. Students work in teams with clients on actual research problems and learn professional skills as well as practical ways of conducting usable research. With permission of the instructor, students who wish to complete only half of the assignments for their individual research may take the course for 2 units.

Analytic and Research Methods for Planners: Research Methods for Planners: Read More [+]

Rules & Requirements

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

Hours & Format

Fall and/or spring:

10 weeks - 4 hours of lecture per week

15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Instructor: Caldeira

Analytic and Research Methods for Planners: Research Methods for Planners: Read Less [-]

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

Terms offered: Spring 2021, Spring 2020, Spring 2018

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.

Analytic and Research Methods for Planners: Introduction to GIS and City Planning: Read More [+]

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: Radke

Analytic and Research Methods for Planners: Introduction to GIS and City Planning: Read Less [-]

CY PLAN 205 Introduction to Planning and Environmental Law 3 Units

Terms offered: Spring 2021, Spring 2020, Spring 2019

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.

Introduction to Planning and Environmental Law: Read More [+]

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: Etzel

Introduction to Planning and Environmental Law: Read Less [-]

CY PLAN 207 Land and Housing Market Economics 3 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016
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.
Land and Housing Market Economics: [Read More](#) [+]

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: Waddell

Formerly known as: Educational Administration 261B

Land and Housing Market Economics: [Read Less](#) [-]

CY PLAN 208 Plan Preparation Studio 5 Units

Terms offered: Spring 2021, Spring 2020, Spring 2019
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.

Plan Preparation Studio: [Read More](#) [+]

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

Plan Preparation Studio: [Read Less](#) [-]

CY PLAN C213 Transportation and Land Use Planning 3 Units

Terms offered: Fall 2020, Fall 2019, Spring 2019
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.
Transportation and Land Use Planning: [Read More](#) [+]

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.

Instructors: Chatman, Cervero

Also listed as: CIV ENG C290U

Transportation and Land Use Planning: [Read Less](#) [-]

CY PLAN 214 Infrastructure Planning and Policy 3 Units

Terms offered: Spring 2021, Spring 2019, Fall 2011
Survey of basic knowledge and technology of physical infrastructure systems: transportation, water supply, wastewater, storm water, solid waste management, community energy facilities, and urban public facilities. Environmental and energy impacts of infrastructure development; centralized vs. decentralized systems; case studies.
Infrastructure Planning and Policy: [Read More](#) [+]

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

Infrastructure Planning and Policy: [Read Less](#) [-]

CY PLAN 216 Active Transportation 3 Units

Terms offered: Fall 2020, Fall 2017, Fall 2016

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.

Active Transportation: Read More [+]

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

Active Transportation: Read Less [-]

CY PLAN C217 Transportation Policy and Planning 3 Units

Terms offered: Spring 2021, Spring 2020, Fall 2018

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.

Transportation Policy and Planning: Read More [+]

Rules & Requirements

Prerequisites: 213 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.

Also listed as: CIV ENG C250N

Transportation Policy and Planning: Read Less [-]

CY PLAN 218 Transportation Planning Studio 4 Units

Terms offered: Fall 2020, Fall 2019, Fall 2018

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.

Transportation Planning Studio: Read More [+]

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: Deakin

Transportation Planning Studio: Read Less [-]

CY PLAN 220 The Urban and Regional Economy 3 Units

Terms offered: Spring 2021, Fall 2019, Fall 2018

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.

The Urban and Regional Economy: Read More [+]

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: Chapple

The Urban and Regional Economy: Read Less [-]

CY PLAN 228 Research Workshop on Metropolitan Regional Planning 4 Units

Terms offered: Fall 2020, Spring 2020, Spring 2019

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.

Research Workshop on Metropolitan Regional Planning: Read More [+]

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.

Research Workshop on Metropolitan Regional Planning: Read Less [-]

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

Terms offered: Fall 2020, Fall 2019, Fall 2018

Theory of housing markets and empirical methods for measuring market conditions and performance: housing consumption, housing supply and production, and market performance. Empirical analysis and applications to policy issues.

U.S. Housing, Planning, and Policy: Read More [+]

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

U.S. Housing, Planning, and Policy: Read Less [-]

CY PLAN 235 Methods of Project Analysis 3 Units

Terms offered: Fall 2020, Fall 2019, Fall 2018

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.

Methods of Project Analysis: Read More [+]

Rules & Requirements

Prerequisites: 207 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: Smith-Heimer

Methods of Project Analysis: Read Less [-]

CY PLAN 238 Development--Design Studio 4 Units

Terms offered: Spring 2021, Spring 2020, Spring 2019

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.

Development--Design Studio: Read More [+]

Rules & Requirements

Prerequisites: City and Regional Planning 235

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.

Development--Design Studio: Read Less [-]

CY PLAN C240 Theories of Urban Form and Design 3 Units

Terms offered: Fall 2018, Spring 2017, Spring 2016

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.

Theories of Urban Form and Design: Read More [+]

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.

Instructor: Macdonald

Also listed as: LD ARCH C250

Theories of Urban Form and Design: Read Less [-]

CY PLAN C241 Research Methods in Environmental Design 4 Units

Terms offered: Spring 2021, Fall 2019, Fall 2018

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.

Research Methods in Environmental Design: Read More [+]

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: Bosselmann

Formerly known as: Interdepartmental Studies 241

Also listed as: LD ARCH C241

Research Methods in Environmental Design: Read Less [-]

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

Terms offered: Spring 2021, Spring 2020, Spring 2019

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

Advanced Studio: Urban Design/Environmental Planning: Read More [+]

Rules & Requirements

Prerequisites: 208 or 240

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: Bosselmann

Advanced Studio: Urban Design/Environmental Planning: Read Less [-]

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.

Urban Design in Planning: Read More [+]

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

Urban Design in Planning: Read Less [-]

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

Terms offered: Spring 2021, Spring 2010, Fall 2008

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.

The Spatial Politics of Land: A Transnational Perspective: Read More [+]

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

The Spatial Politics of Land: A Transnational Perspective: Read Less [-]

CY PLAN C251 Environmental Planning and Regulation 3 Units

Terms offered: Fall 2020, Fall 2019, Fall 2018, Spring 2015

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.

Environmental Planning and Regulation: Read More [+]

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

Also listed as: LD ARCH C231

Environmental Planning and Regulation: Read Less [-]

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.

Land Use Controls: Read More [+]

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: Etzel

Land Use Controls: Read Less [-]

CY PLAN 254 Sustainable Communities 3 Units

Terms offered: Spring 2021, Spring 2020, Spring 2018

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.

Sustainable Communities: Read More [+]

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

Sustainable Communities: Read Less [-]

CY PLAN 255 Urban Informatics and Visualization 3 Units

Terms offered: Fall 2020, Spring 2020, Fall 2018

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.

Urban Informatics and Visualization: [Read More](#) [+]

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.

Instructor: Waddell

Urban Informatics and Visualization: [Read Less](#) [-]

CY PLAN C256 Healthy Cities 3 Units

Terms offered: Fall 2020, Fall 2019, Fall 2018

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.

Healthy Cities: [Read More](#) [+]

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

Healthy Cities: [Read Less](#) [-]

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

Terms offered: Fall 2020, Fall 2019, Fall 2018

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.

Data Science for Human Mobility and Socio-technical Systems: [Read More](#) [+]

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

Data Science for Human Mobility and Socio-technical Systems: [Read Less](#) [-]

CY PLAN 260 The Origins and Practice of Community Development 4 Units

Terms offered: Spring 2021, Spring 2019, Spring 2017

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.

The Origins and Practice of Community Development: Read More [+]

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: Reid

Formerly known as: 268

The Origins and Practice of Community Development: Read Less [-]

CY PLAN C261 Citizen Involvement in the City Planning Process 3 Units

Terms offered: Fall 2020, Fall 2019, Fall 2018

An examination of the roles of the citizens and citizen organizations in the city planning process. Models for citizen involvement ranging from advising to community control. Examination of the effectiveness of different organizational models in different situations.

Citizen Involvement in the City Planning Process: Read More [+]

Rules & Requirements

Credit Restrictions: Students will not receive credit for C242 after taking City and Regional Planning 208, Interdepartmental Studies 206 Fall 1990, and Interdepartmental Studies 206 Fall 1991.

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

Citizen Involvement in the City Planning Process: Read Less [-]

CY PLAN 268 Community Development Studio/Workshop 4 Units

Terms offered: Spring 2021, Spring 2020, Fall 2019

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.

Community Development Studio/Workshop: Read More [+]

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: Hutson

Community Development Studio/Workshop: Read Less [-]

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

Terms offered: Spring 2021, Spring 2020, Fall 2018

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.

Doctoral Seminars: Research Design for the Ph.D: Read More [+]

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

Doctoral Seminars: Research Design for the Ph.D: Read Less [-]

CY PLAN 280B Doctoral Research and Writing Seminar 3 Units

Terms offered: Spring 2021, Spring 2019

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

Doctoral Research and Writing Seminar: Read More [+]

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.

Doctoral Research and Writing Seminar: Read Less [-]

CY PLAN 280C Doctoral Seminars: Doctoral Colloquium 2 Units

Terms offered: Spring 2021, Fall 2020, Spring 2020

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

Doctoral Seminars: Doctoral Colloquium: Read More [+]

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.

Doctoral Seminars: Doctoral Colloquium: Read Less [-]

CY PLAN 281 Planning Theory 3 Units

Terms offered: Fall 2020, Spring 2014, Spring 2013

Overview of planning theory that reviews the evolution of ideas about planning as a form of specialized knowledge, placed in historical context. Compares a range of different views of planning knowledge (positivist, interpretive, design, critical theory) with an emphasis on the relationship between planning and democratic politics.

Planning Theory: Read More [+]

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

Planning Theory: Read Less [-]

CY PLAN 284 Urban Theory 3 Units

Terms offered: Spring 2021, Fall 2019, Fall 2018

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.

Urban Theory: Read More [+]

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

Urban Theory: Read Less [-]

CY PLAN 290 Topics in City and Metropolitan Planning 1 - 3 Units

Terms offered: Spring 2021, Fall 2020, Spring 2020

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.

Topics in City and Metropolitan Planning: [Read More](#) [+]

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 hours of seminar per week

Summer: 8 weeks - 1-3 hours of seminar per week

Additional Details

Subject/Course Level: City and Regional Planning/Graduate

Grading: Letter grade.

Topics in City and Metropolitan Planning: [Read Less](#) [-]

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

Terms offered: Spring 2021, Spring 2020, Spring 2019

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

Special Projects Studio in Planning: [Read More](#) [+]

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.

Special Projects Studio in Planning: [Read Less](#) [-]

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

Terms offered: Fall 2008, Spring 2008, Spring 2007

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.

Supervised Research in City and Regional Planning: [Read More](#) [+]

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.

Supervised Research in City and Regional Planning: [Read Less](#) [-]

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.

Supervised Field Study in City and Regional Planning: [Read More](#) [+]

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.

Supervised Field Study in City and Regional Planning: [Read Less](#) [-]

CY PLAN 298 Group Studies 1 - 3 Units

Terms offered: Spring 2021, Fall 2020, Spring 2020

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

Group Studies: Read More [+]

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.

Group Studies: Read Less [-]

CY PLAN 299 Individual Study or Research 1 - 12 Units

Terms offered: Spring 2021, Fall 2019, Fall 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.

Individual Study or Research: Read More [+]

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.

Individual Study or Research: Read Less [-]

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.

Individual Study or Research: Read More [+]

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.

Individual Study or Research: Read Less [-]

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

Terms offered: Fall 2019, Fall 2017, Fall 2015

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

Supervised Teaching in City and Regional Planning: Read More [+]

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 - 0 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

Supervised Teaching in City and Regional Planning: Read Less [-]

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

Terms offered: Fall 2019, Fall 2015, Fall 2014

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.

Individual Study for Doctoral Students: Read More [+]

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.

Individual Study for Doctoral Students: Read Less [-]