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 (http://ced.berkeley.edu/events-media/lecture-series).

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

Graduate Programs
City and Regional Planning (http://guide.berkeley.edu/graduate/degree-programs/city-regional-planning): Master of City Planning (MCP), and PhD in City Planning

City and Regional Planning
Expand all course descriptions [-]Collapse all course descriptions [-]

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 2018, Fall 2017, Spring 2017
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: Spring 2017

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

Additional Details

Subject/Course Level: City and Regional Planning/Undergraduate

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

Instructor: Chapple, Karen

Introduction to Urban Data Analytics: Read Less [-]

**CY PLAN 110 Introduction to City Planning 4 Units**

Terms offered: Fall 2018, Summer 2018 First 6 Week Session, Fall 2017

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 - 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 111 Introduction to Housing: An International Survey 3 Units**

Terms offered: Spring 2014, Spring 2013, Spring 2012

Housing problems, government housing policy, and housing as a field of urban planning practice. Emphasis on critical International Issues in the Third World and the United States.

Rules & Requirements

Prerequisites: 110 or Economics 1 or consent of instructor; open to majors in all fields

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.

Instructor: AlSayyad

Introduction to Housing: An International Survey: Read Less [-]
CY PLAN 113A Economic Analysis for Planning 3 Units
Terms offered: Fall 2017, Fall 2016, Spring 2016
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 3 Units
Terms offered: Fall 2018, Spring 2018, Spring 2017
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 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.
Community and Economic Development: Read Less [-]

CY PLAN 114 Introduction to Urban and Regional Transportation 3 Units
Terms offered: Fall 2018, Summer 2018 First 6 Week Session, Spring 2018
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
Instructor: Chatman
Introduction to Urban and Regional Transportation: Read Less [-]

CY PLAN 115 Urbanization in Developing Countries 4 Units
Terms offered: Fall 2013, Fall 2012, Fall 2011
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
Instructor: Roy
Urbanization in Developing Countries: Read Less [-]
CY PLAN N115 Urbanization in Developing Countries 3 Units
Terms offered: Summer 2018 First 6 Week Session, Summer 2003 10 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
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 2018
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 2018 First 6 Week Session, Spring 2018, Summer 2017 First 6 Week Session
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 3 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
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 [+]

Rules & Requirements
Prerequisites: Open to majors in all fields

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.
Instructor: Acey

Planning for Sustainability: 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 120 Community Planning and Public Policy for Disability 3 Units
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 140 Urban Design: City-Building and Place-Making 3 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
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 180 Research Seminar in Urban Studies 3 Units
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 2018, Fall 2017, Spring 2017
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: Fall 2018, 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 2018, Fall 2017, Spring 2017
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 2018 Second 6 Week Session, Summer 2017 Second 6 Week Session, Summer 2016 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 History of City Planning 3 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
The history of city planning and the city planning profession in the context of urban history. Principal focus on the evolution of North American planning practice and theory since the late 19th century; some comparative and earlier material.
History of City Planning: 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: Roy
History of City Planning: Read Less [-]
CY PLAN 201A Planning Methods Gateway: Part I 4 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
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/evidence in writing
  • 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.
Instructors: Chatman, Reid

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

CY PLAN 201B Planning Methods Gateway: Part II 4 Units
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/evidence in writing
  • 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 2018, Fall 2016, Fall 2015
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.

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 More [+]

CY PLAN 204B Analytic and Research Methods for Planners: Research Methods for Planners 2 or 4 Units
Terms offered: Fall 2018, Spring 2016, Fall 2015
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.

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: 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 More [+]

Rules & Requirements

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

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 204C Analytic and Research Methods for Planners: Introduction to GIS and City Planning 4 Units
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 204D Analytic and Research Methods for Planners: Multivariate Analysis in Planning 4 Units
Terms offered: Spring 2016, Spring 2013, Spring 2010
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.
Analytic and Research Methods for Planners: Multivariate Analysis in Planning: Read More [+]

Rules & Requirements
Prerequisites: 204A or equivalent
Repeat rules: Course may be repeated for credit without restriction.

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

Additional Details
Subject/Course Level: City and Regional Planning/Graduate
Grading: Letter grade.
Instructor: Cervero
Analytic and Research Methods for Planners: Multivariate Analysis in Planning: Read Less [-]

CY PLAN 205 Introduction to Planning and Environmental Law 3 Units
Terms offered: Fall 2016, Fall 2015, Spring 2015
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
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: Waddell
Formerly known as: Educational Administration 261B

Plan Preparation Studio: Read Less [-]

CY PLAN 208 Plan Preparation Studio 5 Units
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 2017, Fall 2016, Fall 2015
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.

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: Fall 2011, Fall 2010, Fall 2009
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 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: Fall 2018, Spring 2018, Spring 2017
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.
Instructor: Rodriguez

Also listed as: CIV ENG C250N
Transportation Policy and Planning: Read Less [-]

CY PLAN 218 Transportation Planning Studio 4 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
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 219 Comparative International Topics in Transportation 3 Units
Terms offered: Fall 2015, Spring 2014, Fall 2011
Covers comparative planning and policy topics in urban, regional, and rural transportation that are transnational in nature. Builds policy lessons on planning for mobility, accessibility, and sustainability in different political and contextual settings. Case studies are drawn from both developed and developing countries.
Comparative International Topics in Transportation: Read More [+]

Rules & Requirements

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: Cervero

Comparative International Topics in Transportation: Read Less [-]
CY PLAN 220 The Urban and Regional Economy 3 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
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 223 Economic Development Planning 3 Units
Terms offered: Spring 2014, Spring 2011, Spring 2009
Strategy and tools for developing employment attracting investment and improving the standard of living in regional, state, and local economies. Organization of economic development activities, with a focus on current practices.
Economic Development Planning: 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: Chapple

Economic Development Planning: Read Less [-]

CY PLAN 228 Research Workshop on Metropolitan Regional Planning 4 Units
Terms offered: Spring 2017, Spring 2016, Spring 2014
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.
Instructor: Chapple

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

CY PLAN 230 U.S. Housing, Planning, and Policy 3 Units
Terms offered: Fall 2018, Fall 2017, Spring 2017
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 231 Housing in Developing Countries 3 Units**
Terms offered: Fall 2015, Spring 2011, Spring 2009
This course covers issues of housing policy and housing form in the urbanizing developing world from a comparative and cross-cultural perspective. Using case studies from Latin America, Asia, and the Middle East, it highlights the role of physical planners as community activists involved in practices like squatter development, slum upgrading, sites and services, and self-help.

Housing in Developing Countries: 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: AlSayyad

Housing in Developing Countries: Read Less [-]

**CY PLAN 235 Methods of Project Analysis 3 Units**
Terms offered: Fall 2018, Fall 2017, Fall 2016
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 2018, Fall 2016, Fall 2015
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.
Instructor: AlSayyad

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: Fall 2018, Fall 2017, Fall 2016
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 C243 Shaping the Public Realm 5 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
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.

Shaping the Public Realm: Read More [+]

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: Southworth
Formerly known as: 203
Also listed as: LD ARCH C203

Shaping the Public Realm: Read Less [-]

CY PLAN 248 Advanced Studio: Urban Design/Environmental Planning 5 Units
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 C251 Environmental Planning and Regulation 3 Units
Terms offered: Fall 2018, Spring 2015, Fall 2014, Fall 2013
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
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 2018, Spring 2016, Fall 2014
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 2018, Fall 2017, Fall 2016
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 2018, Fall 2017, Fall 2016
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: Not yet offered
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 [+]

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 Theory, History, and Practice of Community Development 3 Units
Terms offered: Spring 2017, Fall 2013, Fall 2012
This course will explore the theory, history, methods, and practice of local community development. The course will begin by examining the historical roots of community involvement and action. It will present alternative explanations for different paths of neighborhood and community change.
Theory, History, and Practice of Community Development: 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: Hutson
Formerly known as: 268

Theory, History, and Practice of Community Development: Read Less [-]

CY PLAN C261 Citizen Involvement in the City Planning Process 3 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
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.
Instructor: Hutson
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 2018, Fall 2014, Spring 2013
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 271 Development Theories and Practices 3 Units
Terms offered: Spring 2014, Spring 2013, Spring 2012
This course covers the theory and praxis of international development. It studies the project of development, from its Cold War launching to its metamorphosis into the current era of economic globalization and liberalization. And it examines the theoretical models and discursive debates that have accompanied each phase, including the recent critiques put forth by feminism and postcolonialism. The course also locates development in the industrialized world, "here" rather than "elsewhere," thereby unsettling the normalized hierarchy of First and Third Worlds.
Development Theories and Practices: 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: Roy

Development Theories and Practices: Read Less [-]
CY PLAN 275 Comparative Analysis of Urban Policies 3 Units
Terms offered: Fall 2014, Fall 2013, Fall 2011
Description, analysis, and evaluation of urban policies in a variety of social and spatial contexts, with references to state-planned societies. Main topics: national and local public policies in regional development, housing, transportation, urban renewal, citizen participation, social services, and decentralized urban management.

Rules & Requirements
Prerequisites: Graduate standing

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: 262

Comparative Analysis of Urban Policies: Read Less [-]

CY PLAN 280A Doctoral Seminars: Research Design for the Ph.D 3 Units
Terms offered: Fall 2018, Spring 2017, Fall 2015
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

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

CY PLAN 280B Doctoral Research and Writing Seminar 3 Units
Terms offered: Not yet offered
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.

Doctoral Research and Writing Seminar: Read Less [-]

CY PLAN 280C Doctoral Seminars: Doctoral Colloquium 2 Units
Terms offered: Fall 2018, Spring 2018, Fall 2017
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.

Doctoral Seminars: Doctoral Colloquium: Read Less [-]
CY PLAN 281 Theories of Planning Practice 3 Units
Terms offered: Spring 2014, Spring 2013, Spring 2012
Focuses on theory and practice of planning, with emphasis on the role of different types of knowledge in different kinds of practice. Compares positivist, interpretive, and critical theory views of knowledge and links these to policy analysis, interactive planning, group processes, and emerging models of critical planning practice.
Rules & Requirements
Prerequisites: Graduate standing. Suitable for graduate students in professional programs doing research on planning and policy practice issues.
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.
Theories of Planning Practice: Read More [+]

CY PLAN 284 Urban Theory 3 Units
Terms offered: Fall 2018, Fall 2017, Spring 1999
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 [+]

CY PLAN 280 Topics in City and Metropolitan Planning 1 - 3 Units
Terms offered: Fall 2018, Spring 2018, Fall 2017
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 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 2018, Spring 2017, Fall 2015
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.
Special Projects Studio in Planning: Read Less [-]
CY PLAN 295 Supervised Research in City and Regional Planning 1 - 2 Units
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 independent study 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: Fall 2018, Spring 2018, Fall 2017
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: Fall 2015, Spring 2015, Fall 2014
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 2017, Fall 2015, Fall 2013  
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 2015, Fall 2014, Fall 2013  
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 [-]