

URBAN AND REGIONAL PLANNING

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Overview

The Master of Urban and Regional Planning (MURP) at the University of Colorado Denver, the only accredited graduate planning degree in the state of Colorado, has evolved to become one of the strongest, most unique graduate planning programs in the United States, offering a real-world, experientially oriented program that uses Denver and towns throughout the Metro region and state of Colorado as a classroom and engages students with planning professionals and the community.

We believe that planning successful places, from small towns to large cities, and both urban and rural, requires expertise, breadth, interdisciplinary understanding, principles of equity and justice, and creativity. Our program looks beyond traditional professional silos and instead centers on issues at the forefront of planning practice. Our three program Pillars—Healthy Communities, Equitable Urbanism, and Regional Sustainability—form the basis of our instruction, community outreach, and research. We encourage all students to follow their passion and develop expertise in the areas that matter most to them. Our unique, self-directed curriculum allows students to understand the breadth of the planning field while gaining the technical expertise demanded by the profession.

Our program faculty includes some of the most respected researchers and educators in the planning field, as well as top local planning practitioners, all of whom bring a wealth of experience to the classroom. All our faculty make teaching a top priority.

Our presence in a College of Architecture and Planning ensures that our approach to planning education has a strong connection to design, and our location in the heart of downtown Denver presents our students with endless opportunities to learn the complexities of planning for healthy, equitable, and resilient cities.

Our Faculty

The faculty of the Department of Urban and Regional Planning consists of a purposeful mix of full-time tenured/tenure-track faculty, full-time clinical-track faculty, and a diverse group of part-time lecturers who keep one foot in the professional practice of planning and one in the classroom. The MURP program and its students benefit from the rich contributions of the scholarly research accomplished by our tenured/tenure-track faculty, and the practice-oriented instruction provided by our clinical faculty, lecturers and instructors. To learn more about our MURP faculty members, please visit the College of Architecture and Planning website (<https://architectureandplanning.ucdenver.edu/architecture/our-people/planning-faculty/>).

Our Students

Our commitment to our students extends across many areas: providing them with exceptional instruction and research-backed knowledge about planning; inspiring them to achieve great things in their personal and professional lives; exposing them to planning professionals, real-world

planning situations, and state-of-the-art learning resources; and helping them choose their best academic and career paths through advising and mentoring.

Advising

Roxy New serves as the MURP Academic Advisor and Course Coordinator on the College staff. She maintains MURP student records and is knowledgeable about academic policies and forms. Roxy can help students with registering for classes and ensuring graduation requirements are being met. Contact Roxy at roxy.new@ucdenver.edu or 303-315-0343.

The Planning faculty are also an important advising resource for MURP students. They enjoy discussing with students specific course content, career advice, and any other issues relating to the MURP curriculum, academic achievement, extracurricular activities, or urban and regional planning in general. We have an “open door” policy on advising, which means students may select a single faculty advisor to work with consistently or have multiple faculty advisors. Students choose faculty advisors based on their expertise in a particular area of interest (see list below) or other criteria. Students may work with their faculty advisor as much or as little as they need.

MURP program planning forms, as well as dual degree planning forms, are available on the college website to help students keep track of the courses they have taken and plan to take. Dual degree students will have an advisor in each relevant department or college. Electronic Degree Auditing is available for all MURP students. This online system allows students to check which degree requirements they have satisfied and which ones remain. Instructions for accessing the degree audit are available in the Electronic Degree Auditing Info document available on the college website.

The following list offers suggestions for which faculty members to consult with regarding different areas of interest or expertise:

- **Priyanka deSouza:** public health, air pollution, climate change, data science, environmental justice, environmental planning, thesis, and research
- **Carrie Makarewicz:** Community development, economic development, transport equity, regional planning, affordable housing, urban public schools, disaster recovery, equitable development, thesis, and research
- **Jeremy Németh:** Placemaking and urban design, urban politics, land use planning, land use conflict, politics of public space, environmental justice, thesis and research
- **Manish Shirgaokar:** Transportation planning, transportation equity, travel behavior, GIS and spatial analysis, thesis, and research
- **Ken Schroepel:** Urban development and revitalization, urban form, planning methods, planning history of Denver, professional engagement and networking, careers in planning
- **Jennifer Steffel Johnson:** Affordable housing, housing policy, social justice, diverse communities, community development, public engagement, internships
- **Austin Troy:** Land use policy, environmental planning, urban green infrastructure, GIS, spatial analysis, regional sustainability, thesis, and research

Programs

- Urban and Regional Planning, MURP (<http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-architecture-planning/urban-regional-planning/urban-regional-planning-murp/>)

Dual Degrees

As part of encouraging among planners an appreciation for and a knowledge of the perspectives and practices of the other disciplines that participate in planning and city-building, we offer several dual degree opportunities, both with programs within the College of Architecture and Planning and with other units across the University of Colorado system. In every instance, the total credit requirement of the Dual Degree is considerably less than would be needed if each degree were independently pursued. The degrees that may be combined with the Master of Urban and Regional Planning include:

- Master of Architecture (MURP+MARCH)
- Master of Landscape Architecture (MURP+MLA)
- Master of Public Health (MURP+MPH)
- Master of Public Administration (MURP+MPA)
- Master of Business Administration (MURP+MBA)
- Master of Science in Historic Preservation (MURP+MSHP)
- Master of Engineering - Transportation Systems (MURP+MENG)
- Master of Applied Geography/Geospatial Sciences (MURP+MA-AGGS)
- Juris Doctorate (Law Degree) (MURP+JD in collaboration with the CU Boulder Law School)

Information about the dual degrees can be found on the College of Architecture and Planning website.

Faculty

Professors:

Nan Ellin, PhD, Columbia University
Austin Troy, PhD University of California, Berkeley
Jeremy Nemeth, PhD, Rutgers University

Associate Professors:

Carrie Makarewicz, PhD, University of California, Berkeley

Assistant Professors:

Ken Schroepel, MURP, University of Colorado Denver
Jennifer Steffel Johnson, PhD, University of Colorado Denver
Manish Shirgaokar, PhD, University of California, Berkeley
Priyanka DeSouza, PhD, Massachusetts Institute of Technology

Urban and Regional Planning (URPL) Courses

URPL 5000 - Planning History and Theory (3 Credits)

This course offers a comprehensive review of the major historical and theoretical developments in planning; the human aspects of planning as a social, political, and community-oriented process; public engagement; social justice; planning leadership and advocacy; and the future of planning. Cross-listed with URPL 4000. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 5010 - Planning Methods (3 Credits)

This course focuses on the most commonly applied quantitative and qualitative methods used in planning; data organization and management principles; and various ways to collect, analyze, and communicate data as a fundamental component of the planning process. Prereq: GEOG 4640 and GEOG 4680 or permission of instructor, and minimum cumulative GPA of 3.00. Restriction: Senior standing by the start of the enrollment semester. Please contact instructor for permission to register in this course. Cross-listed with URPL 4010. Max hours: 3 Credits.

Grading Basis: Letter Grade

Prereq: GEOG 4640 and GEOG 4680 and minimum cumulative GPA of 3.00. Restriction: Senior standing by the start of the enrollment semester.

URPL 5020 - Planning Law and Institutions (3 Credits)

This course covers the legal basis for planning; the evolution of planning law through a comprehensive review of landmark court decisions; and the types and hierarchies of governments, their powers and relationships, and how planning operates within those governmental contexts. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 5030 - Planning Technologies (3 Credits)

This flexibly designed course provides introductory to intermediate instruction on three software packages that are core to the planning profession; Adobe Suite (Illustrator, Photoshop, and InDesign), ESRI ArcGIS Pro, and Trimble Sketchup. Students can select the appropriate level of instruction for each software based on their prior experience. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 5040 - Urban Sustainability (3 Credits)

Examines the interface of the natural and social realms in cities. Topics include the environmental history of cities; the causes, environmental impacts and mitigation of sprawl; urban green infrastructure; and best practices in planning environmentally sustainable cities and suburbs. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 5050 - Urban Development (3 Credits)

Explores the procedures, policies, financing, and politics of planning and real estate development. Topics include the relationship between planning goals and regulations; real estate development and finance; site planning and development review for societal impacts, such as traffic, health, and safety; and financing and planning public infrastructure. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

Typically Offered: Spring.

URPL 5060 - Planning Workshop (3 Credits)

An introduction to the studio environment, this course provides students with experience and knowledge/skills development in physical planning and design, the planning process, plan making, and collaborative planning, plus introductory instruction in GIS and SketchUp. Prereq: 9 hours of URPL Core Coursework. Restriction: Graduate level students. Max hours: 3 Credits.

Grading Basis: Letter Grade

Prereq: 9 hours of URPL Core Coursework (URPL 5000, 5010, 5020, 5030, 5040, 5050). Restriction: Graduate level students.

URPL 5070 - Planning Practice & Engagement (3 Credits)

This course offers a comprehensive survey of planning practice; types of planning positions and employers; business aspects of planning; planning ethics; planning engagement, and professional/career development in planning. The planning engagement component includes planning advocacy; public meetings; public engagement techniques; diverse publics; controversial planning topics; and mediation. Restriction: Graduate students in the Master of Urban and Regional Planning program. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Restricted to Graduate Urban and Regional Planning students.

Typically Offered: Spring.

URPL 6000 - Planning Project Studio (6 Credits)

This studio course requires student teams to complete a substantial planning project using a comprehensive set of knowledge/skills for real-world clients. Five focus area options offered annually: Healthy Communities, Urban Revitalization, Regional Sustainability, International Experience, and Summer in Colorado. Prereq: URPL 5060. Max hours: 6 Credits.

Grading Basis: Letter Grade

Prereq: URPL 5060.

Additional Information: Global Education Study Abroad.

URPL 6200 - Land Development Regulations (3 Credits)

This course provides a comprehensive exploration of the various components of land development regulation, including preliminary plats; general/final development plans; zoning; PUDs; variances; site plan/development review; land use regulators; regulatory processes. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6205 - Plan Making (3 Credits)

This course offers a broad overview of the various types of plans and the specific processes involved in their creation, including comprehensive plans; rural/small town plans; corridor plans; small area plans; campus/institutional plans; special plans. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6210 - Planning Engagement (3 Credits)

This course focuses on roles and methods of public engagement in planning. Topics include planning advocacy; public meetings; public engagement techniques; diverse publics; controversial planning topics; mediation. Restriction: Restricted to Graduate Urban and Regional Planning students. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Restricted to Graduate Urban and Regional Planning students.

URPL 6220 - Advanced Research Techniques (3 Credits)

This course offers an in-depth look at a variety of research principles and techniques, including advanced qualitative and quantitative data collection; survey design; sampling; probability distributions; hypothesis testing; inferential statistics; other topics associated with scholarly research. Prereq: URPL 5040. Restriction: Graduate level students. Max hours: 3 Credits.

Grading Basis: Letter Grade

Prereq: URPL 5040. Restriction: Graduate level students

URPL 6225 - Urban Policy Analytics (3 Credits)

This course teaches quantitative analysis techniques to answer questions about Planning. Topics include population/economic forecasting, analysis of census data, research design, and survey design.

Relying on the software R, students learn how to manage datasets

and run bivariate/multivariate statistical analysis. Prereq: URPL 5010 - Planning Methods or instructor's permission. Max Hours: 3 Credits.

Grading Basis: Letter Grade

Prereq: URPL 5010 or Instructor's permission.

URPL 6230 - Urban Data Science (3 Credits)

This course takes a computational social science approach to working with urban data. It uses R to introduce coding and statistical methods that students can reproduce and experiment with. The course presumes no prior knowledge of R as it introduces coding (data cleaning, web scraping, running various statistical analyses) from the ground up. We will partner with city agencies who will provide datasets for the class to work with and who will serve as clients for the class. The final project will consist of a product for our clients. Restriction: Restricted to Graduate Students in the College of Architecture and Regional Planning. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Restricted to graduate students within the College of Architecture and Planning

Typically Offered: Fall.

URPL 6235 - Environmental Justice (3 Credits)

This class explores the foundations of the environmental justice movement, current and emerging issues, and the application of environmental justice analysis to environmental policy and planning. It examines claims made by diverse groups along with the policy and civil society responses that address perceived inequity and injustice. While focused mainly on the United States, international issues and perspectives are also considered. Restriction: Restricted to Graduate Students or permission of instructor. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Restricted to graduate students within the College of Architecture and Planning

URPL 6249 - Project Management (3 Credits)

Introduces the knowledge and skills of Project Management (PM) in a business environment. Emphasis will be on the entire project life cycle, the project management process groups and the knowledge areas as presented in the Project Management Body of Knowledge (PMBOK), from the Project Management Institute (PMI). Managerial aspects, quantitative tools, and traditional techniques of Project Management will be covered. A variety of projects will be examined. Note: Cannot receive credit for both DSCI 6820 and BUSN 6820. Restriction: Graduate level students.

Cross-listed with BANA 6650. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6250 - GIS for Urban Planning (3 Credits)

This course is a detailed introduction to GIS that focuses on spatial analytics for Urban Planning using vector and raster data. Aimed at professionals and researchers, this course includes advanced ArcGIS applications and tools, and innovations in geo-spatial data analysis. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6260 - Advanced Geo-Spatial Methods (3 Credits)

Students will be introduced to the hardware, software, theory, and skills required to use Geographical Information Systems (GIS). In this course, students will learn how to use GIS software to manage, analyze, map, and present spatial data to support the planning and design processes. Prereq: An introductory GIS class is required before taking this class. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6265 - Visualization for Planning (3 Credits)

This course covers visual design theory and advanced instruction in Adobe Illustrator, Photoshop, and InDesign to create compelling infographics, renderings, and reports, as well as advanced instruction in SketchUp to create 3D visualizations at multiple urban scales.

Restriction: Restricted to graduate level MURP and MUD students. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Restricted to graduate level MURP and MUD students.

URPL 6299 - Introduction to Smart Cities (3 Credits)

This course will explore some of the most change-making technological innovations in the 21st century and their impact on public policy in cities through a survey of best practices, model policies, and lessons learned from cities across the United States and globe. Restriction: Restricted to graduate students in the Urban & Regional Planning program. Cross-listed with ENGR 6299, ENVS 5660, and PUAD 5627. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Restricted to Graduate Urban and Regional Planning students.

URPL 6310 - Community Food System Planning (3 Credits)

Healthy communities require sustainable local and regional food systems. This course examines how communities can collaboratively develop and implement programs, processes and practices that help ensure food security and equitable access to healthy food options for all populations. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6349 - Global Health Studies II (3 Credits)

Global Health Studies II: Comparative Health Systems. The course has three parts: (1) examines the social and cultural construction of sickness, systems of etiology cross culturally, the therapeutic encounter, varying roles of healer and patient, and the cultural basis of all healing systems; (2) considers health systems in the context of global health reform, and the history, organization, and roles of institutions of global health governance; and (3) considers the interrelationship of health, foreign policy and global security. Cross-listed with PBHL 4020. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6350 - City Design Fundamentals (3 Credits)

Investigates the historical roots, spatial patterns, and physical forms of cities and their evolution over time; the environmental, cultural, and economic forces influencing city design; and urban design as the nexus of the planning and design professions in contemporary city-building. Cross-listed with ARCH 6270, URBN 6525, and LDAR 5530. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6355 - Urban Redevelopment Strategies (3 Credits)

This course focuses on the best practices and strategies used to help revitalize urban areas. Topics include urban infill development; TODs; adaptive reuse; historic preservation; design review; parking; public spaces; brownfield/grayfield redevelopment; culture/tourism; special districts; incentives/funding; and revitalization policies. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6360 - Urban Infrastructure (3 Credits)

This course provides a comprehensive exploration of transit planning, including transit planning fundamentals; transit routes and systems; transit modes and technologies; ridership modeling; scheduling; operations; funding; policies and regulation; relationship to land use; and facilities/design requirements. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6365 - Parks and Public Spaces (3 Credits)

This course offers a focused look at the role of parks and public spaces in the development and activation of cities; their designs, qualities, and components; management /operations; funding; policies; equal access; role as community and economic development tool. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6395 - Urban Design Economics and Equity (3 Credits)

Explores the economics of urban design through its relationship with private-sector real estate development, public-sector infrastructure, and budgetary/fiscal constraints on design implementation while emphasizing the critical role of urban design in advocating for social equity, affordable housing, and related issues. Restriction: Restricted to graduate level students. Cross-listed with URBN 6625 and ARCH 6261. Max hours: 3 Credits.

Grading Basis: Letter Grade

Prereq: Graduate standing (Grad or Non-Degree Grad)

URPL 6396 - Urban Design and Environment (3 Credits)

Provides an understanding of the inextricable relationship between urban design and the natural environment. Students learn how to design sustainable public spaces, promote environmental resilience, combat climate change, and foster environmental justice and healthy communities through urban design. Restriction: Restricted to Graduate level students. Cross-listed with URBN 6650. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6397 - Design Policy, Process, and Regulation (3 Credits)

Explores the many design regulations that shape the urban form, how they are created and evolve, and how they impact design ideation, analysis, and communication using real-world scenarios to experiment with and test iterative design processes and techniques. Cross-listed with URBN 6550. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6398 - Design Process (3 Credits)

Advances current practice by exploring innovative methods of design analysis, production, representation, and communication. Community participation and civic engagement are integral components of seminar. Cross-listed with URBN 6641 and LDAR 6741. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6399 - Sustainable Urban Infrastructure (3 Credits)
 Focuses on developing uniform vocabulary on sustainable infrastructure across science & technology, architecture & planning, public policy, and health & behavioral sciences. Students learn concepts, principles/ pathways and evaluation techniques for promoting the diffusion of sustainable urban infrastructures. Restriction: Graduate level students. Cross-listed with CVEN 5460. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Graduate level students.

URPL 6400 - Community Development (3 Credits)
 This course introduces community development, examining planners' and other stakeholders' roles in the field; key theories and practices; community dynamics; community-based organizations; asset-based development; social equity; and the influence of local physical and economic factors on community development. Cross-listed with ARCH 6256. Restriction: Graduate level students. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Graduate level students.

URPL 6405 - Urban Housing (3 Credits)
 This course examines housing trends and patterns; supply and demand factors; housing policies; housing challenges (e.g., inequitable distribution, special needs, segregation/discrimination, and homelessness); sociological, demographic, and economic considerations; and the roles of planners and the public and private sectors. Restriction: Restricted to graduate students. Cross-listed with LDAR 6755 and ARCH 6205. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Restricted to students with graduate standing.

URPL 6410 - Social Justice in Planning (3 Credits)
 This course investigates various social justice issues encountered in planning, including conflict resolution; advocacy; environmental justice; social equity; culture and diversity; disadvantaged populations; public engagement techniques; affordability; equal access; and policy impacts. Cross-listed with LDAR 6637 and ARCH 6258. Restriction: Graduate level students. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Graduate level students.

URPL 6449 - Urban Social Problems (3 Credits)
 Examines local government from the perspective of sociology and group dynamics. Course could include some or all of the following subjects: neighborhoods and community groups, class and race relations, community crime, social service issues, immigration, the underclass in American society, and related urban social problems. Cross-listed with PUAD 7628. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Graduate level students.

URPL 6455 - Real Estate Development and Finance (3 Credits)
 The course offers a detailed analysis of the real estate development process, its relationship to the planning/design profession, and financial aspects of real estate development including measures of value, capitalization rates, capital budgeting, debt and equity markets and taxation. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Graduate level students.

URPL 6499 - Preservation Theory and Practice (3 Credits)
 Philosophical questions in preservation practice; balancing significance in the environment with natural decay and demands for change. Policy issues as well as preservation and adaptation design. Cross-listed with HIPR 6010. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Graduate level students.

URPL 6500 - Environmental Planning/Management (3 Credits)
 This course addresses issues related to planning under major environmental laws, ecosystem service-based management, urban green infrastructure, urban watershed and river management, urban forest and parks planning. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Graduate level students.

URPL 6505 - Enviro. Policy & Regulation (3 Credits)
 This course focuses on the important field of environmental policy and regulation, including topics such as the National Environmental Policy Act (NEPA); environmental justice; environmental law; land use conflicts; contamination/remediation; environmental regulators; and regulatory policies and enforcement. Restriction: Graduate level students. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Graduate level students.

URPL 6510 - Energy/Natural Res. Planning (3 Credits)
 This course provides an overview of the issues associated with energy and natural resource planning. Topics include: energy policy; alternative energy development; water resources; extraction/mining; natural resource protection and regulation; resource management, policies, politics, and technologies. Cross-listed with GEOG 4260. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Graduate level students.

URPL 6547 - Urban Ecology (3 Credits)
 This lecture/seminar will cover ecological principles as applied to urban systems (lecture portion) and students will do an intensive study, presentation, and discussion on the topic of their choosing (seminar portion). Cross-listed with LDAR 6655. Restriction: Restricted to graduate students in the College of Architecture and Planning. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Restricted to graduate CAP students.

URPL 6548 - Defining & Measuring Sustainability (3 Credits)
 Unique cross-disciplinary course that teaches students community engagement strategies to define sustainability goals. Life cycle assessment and material flow analysis tools used to measure environmental sustainability benchmarks. Fieldwork applies both tools to cities in Colorado. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Graduate level students.

URPL 6549 - Environmental Impact Assessment (3 Credits)
 The objective of this course is to provide the foundation for understanding the environmental impact assessment process, its legal context, and the criteria and methods for procedural and substantive compliance. Prereq: URPL 5530 or permission of instructor. Cross-listed with GEOG 4220, 5220. Max hours: 3 Credits.
 Grading Basis: Letter Grade
 Restriction: Graduate level students.

URPL 6550 - Transportation Planning/Policy (3 Credits)

This course examines policy issues in urban transportation planning: how transportation system design and political/institutional contexts shape transportation decision-making; major modes of urban transportation; and the social, environmental, economic, energy, and health impacts of transportation systems. Cross-listed with URPL 4550. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6555 - Transportation, Land Use, and the Environment (3 Credits)

This course teaches how current transportation modes shape regions and how future transportation technologies might impact us. Topics include policy making and governance; land use interactions with transportation investments; climate change and resilience; energy use; environmental justice; and equity considerations. Restriction: Graduate level students. Cross-listed with URPL 4555. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6565 - Pedestrian & Bicycle Planning (3 Credits)

This course provides a detailed focus on the unique planning issues and factors involved with bicycle and pedestrian modes of transportation, including pedestrian/bicycle planning fundamentals; routes and systems; facilities and design requirements; funding; maintenance and operations; policies; and best practices. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6598 - Traffic Impact Assessment (3 Credits)

Covers (1) procedures to satisfy state and local requirements for transportation impact studies, (2) methods to perform trip generation, distribution, and traffic assignment for impact analyses, and (3) analysis of transportation impacts on residential communities, mode choice, regional business (downtown or suburban), peak and off-peak travel times, noise, safety, parking and pedestrians. A course project requires students to develop an application of analysis software to a case study area. Cross-listed with CVEN 6512. Restriction: Graduate standing or permission of instructor. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Restricted to students with graduate standing.

URPL 6599 - Sustainable Transportation Systems (3 Credits)

This course examines notable topics in sustainable transportation: demystifies conventional transportation engineering methods; and explores empirical examples of why such methods are often misguided. The intent is to enlighten engineering students and help support planning/policy students interested in transportation sustainability. Cross-listed with CVEN 5633. Restriction: graduate standing or permission of instructor. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Restricted to students with graduate standing.

URPL 6600 - Regional Growth and Equity (3 Credits)

Explores the institutions, policies, laws, data, and funding that support planning for housing, transportation, infrastructure, and jobs at the regional scale with a focus on equity. Students will learn analytic techniques to study the labor market, economic growth and performance, transportation systems, and affordable housing strategies. Restriction: Restricted to graduate level students. Cross-listed with URPL 4600. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

Typically Offered: Fall.

URPL 6605 - Regional Economic Systems (3 Credits)

This course offers a comprehensive investigation into regional economic systems; metropolitan economies; regional economic development; regional market assessment; job generation; taxes/spending; and fiscal/economic policies and impacts at the metropolitan, regional, and statewide scale. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6615 - Small Town, Rural, and Tourism Planning (3 Credits)

This course investigates issues and challenges associated with rural, small town, and tourism planning including farmland conservation, growth management, sustainable food systems, economic development, and revitalization. It reviews global trends, national policies, and local planning processes through case studies. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6620 - Sustainable Tourism Planning (3 Credits)

This course investigates the unique aspects associated with planning and developing sustainable tourism infrastructure. Topics include: eco-tourism; historic tourism; cultural tourism; urban tourism; sports and recreation planning; regional tourism planning; and sustainable resort planning and development. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Graduate level students.

Typically Offered: Fall.

URPL 6645 - Disaster/ClimateChangePlanning (3 Credits)

Introduces students to concepts and debates that shape disaster and climate change studies. Features case studies of disaster and climatic issues affecting Colorado and the Rocky Mountain region. Looks specifically at how planning can reduce risk and increase local resilience.

Grading Basis: Letter Grade

Restriction: Graduate level students.

URPL 6650 - International Development Planning: Theory and Practice (3 Credits)

This course examines key development issues and planning approaches in cities of the Global South. Topics include: development theory; legacies of colonial urbanisms; actors and institutions in development; urban informality; water and sanitation; housing and land tenure; and climate change, among other topics. Max hours: 3 Credits.

Grading Basis: Letter Grade

URPL 6675 - International Field Research: Methods and Analysis (3 Credits)

This course will teach students the fundamentals of data collection, analysis, and dissemination in an international - and mostly developing world - context. Restriction: Restricted to graduate students within the College of Architecture and Planning. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Restricted to graduate students within the College of Architecture and Planning

URPL 6800 - Special Topics: Urban and Regional Planning (3 Credits)

Various topical concerns are offered in urban and regional planning, theory, concepts, methods, case studies and practice. Repeatable. Max hours: 9 Credits.

Grading Basis: Letter Grade

Repeatable. Max Credits: 9.

Restriction: Graduate level students.

URPL 6805 - Planning Internship (3 Credits)

Designed to provide professional practice experience in urban and regional planning. The emphasis is on actual work experience in settings with client groups as the students assist them in determining solutions to their problems. Restriction: Graduate level students. Repeatable. Max hours: 6 Credits.

Grading Basis: Letter Grade

Repeatable. Max Credits: 6.

Restriction: Graduate level students.

URPL 6810 - Independent Study: URPL (1-3 Credits)

Studies initiated by students or faculty and sponsored by a faculty member to investigate a special topic or problem related to urban and regional planning. Restriction: Graduate level students. Repeatable. Max hours: 6 Credits.

Grading Basis: Letter Grade

Repeatable. Max Credits: 6.

Restriction: Graduate level students.

URPL 6850 - ACE Mentoring (3 Credits)

Graduate students work with professional architects, designers, and engineers mentoring students in selected local high schools to learn problem solving, graphics and model making to produce a design project. Student mentors develop lesson plans, outcomes and keep a weekly journal. Cross-listed with ARCH 6470 and LDAR 6470. Restriction: Restricted to majors within the College of Architecture and Planning. Max hours: 3 Credits.

Grading Basis: Satisfactory/Unsatisfactory

Restriction: Restricted to graduate majors within the College of Architecture and Planning.

URPL 6900 - Planning Capstone (6 Credits)

Planning Capstone A requires students to identify an independent study/ small group project of their choosing and develop a detailed plan to complete the project. Prereq: URPL 6000 or instructor consent. Max hours: 6 Credits.

Grading Basis: Letter Grade

Prereq: URPL 6000 Restriction: Restricted to MURP graduate majors within the College of Architecture and Planning

URPL 6920 - Planning Thesis A (3 Credits)

Spanning two semesters, Planning Thesis requires students to plan and complete a research thesis of their choice. Part A provides instruction for proper thesis research, analysis, and writing while students develop a detailed work plan and begin their research. Restriction: Graduate level students. Max hours: 3 Credits.

Grading Basis: Letter Grade with IP

Restriction: Graduate level students.

Additional Information: Report as Full Time.

URPL 6925 - Planning Thesis B (3 Credits)

Spanning two semesters, Planning Thesis requires students to plan and complete a research thesis of their choice. Part B includes the completion of the research and the thesis document, and presentation of the project to the student's thesis committee. Prereq: URPL 6920. Max hours: 3 Credits.

Grading Basis: Letter Grade with IP

Prereq: URPL 6920.

Additional Information: Report as Full Time.