CARRIE MAKAREWICZ

- Urban Development
- Regional Growth and Equity
- Transit, Pedestrian, and Bicycle Planning
- Planning Capstone
- Planning Project Studio (international)

- The “infrastructure of everyday lives”
  - Public schools, neighborhood change, and accessibility
  - Transportation equity, public transit, and active travel
  - Affordable housing
  - Community development, arts, and music

- MURP Alumni Liaison
JEREMY NÉMETH

- Planning History and Theory
- Social Justice in Planning
- Parks and Public Spaces
- Planning Capstone
- Planning Project Studio (domestic and international)
- Urban Design Studio

- Public spaces/urban design
- Environmental justice
- Impacts of marijuana
- Immigrant integration
- Gentrification/displacement
ROCKY PIRO

- Executive Director, Colorado Center for Sustainable Urbanism
- Collaborative planning, health/built environment, social and environmental justice
- Regional and comprehensive planning, growth management, citizen participation
- Collaborative for advancing 21st century solutions for urban issues; technical assistance to planners, decision-makers, citizens
ANDREW RUMBACH

- Urban Sustainability
- International Development Planning
- Disaster and Climate Change Planning
- Small Town and Rural Planning

- Urbanization and environmental risk in South Asia
- Affordable housing and disaster resilience
- Urban spatial inequality/dynamics of “slum” formation
- Natural hazard mitigation, disaster recovery planning
KEN SCHROEPPEL

- Planning Methods
- The Planning Profession
- Planning Project Studio (domestic and international)
- Planning Workshop
- Planning Capstone
- Form and Formation of Cities
- Urban Design Studio

- MUD Program Director
- MURP Studio Coordinator
- Civic involvement/leadership
- Public speaking, walking tours
- Blogging and advocacy
MANISH SHIRGAOKAR

- Transportation, Land Use, and the Environment
- Transit, Pedestrian, and Bicycle Planning
- GIS for Urban Planning
- Urban Policy Analytics

- Travel behavior and transportation technologies
- Disadvantaged groups (e.g. seniors, women)
- Social equity aspects of infrastructure policy
- Land use/transportation connection
JENNY STEFFEL JOHNSON

- Urban Housing
- Planning Engagement
- Community Development
- Planning Capstone
- Planning Project Studio (domestic and international)
- Planning Internships

- Affordable housing design charrettes
- Internships and mentorships
- Student diversity
SHRUTI SYAL

- Urban Sustainability
- International Development and Planning
- Waste/water connections
- Green infrastructure
- Access to infrastructure for the urban poor
- Institutional analysis
- Understanding and mapping human-environmental interactions at multiple scales (Social-Ecological Systems Framework analysis)
AUSTIN TROY

- Advanced Geo-Spatial Methods
- Environmental Planning and Management

- Geographic Information System (GIS) certificate
- GIS/modeling support
- Facility for Advanced Spatial Technologies (FAST)
- Research collaborations
- Field experiences
ADJUNCTS & VISITING FACULTY

**JODY BECK**  
Associate Dean; Assistant Professor, Landscape Architecture  
Phone: 303-315-2409  
Email: jody.beck@ucdenver.edu  
Focus: Community food systems, food sovereignty, environmental/social justice, urban history and theory

**JOERN LANGHORST**  
Associate Professor, Landscape Architecture  
Phone: 303-315-1023  
Email: joern.langhorst@ucdenver.edu  
Focus: Landscape recovery, remediation and design, urban design, research and design methodologies

**WES MARSHALL**  
Associate Professor, Civil Engineering, College of Engineering and Applied Science  
Phone: 303-352-3741  
Email: wesley.marshall@ucdenver.edu  
Focus: Road safety, active transportation, transit-oriented communities, parking, and street networks

**ALEX SCHAFFRAN**  
Lecturer  
University of Leeds, United Kingdom  
Email: a.schaffran@leeds.ac.uk  
Focus: Urban studies, geography, transformation of suburbia, social justice, urban social movements

**GREGORY SIMON**  
Associate Professor, Geography and Environmental Sciences, College of Liberal Arts and Sciences  
Phone: 303-556-6393  
Email: gregory.simon@ucdenver.edu  
Focus: Environmental policy/history, sustainable communities, urban ecology, vulnerability studies

**ELIZABETH WALSH**  
Scholar in Residence  
Phone: 303-315-1000  
Email: elizabeth.walsh@ucdenver.edu  
Focus: planning history, environmental justice, sustainable cities, regenerative development, civic engagement
PART-TIME FACULTY & LECTURERS

DON ELLIOTT
Lecturer
Director, Clarion Associates
Email: delliott@clarionassociates.com
Focus: Land planning and zoning, growth management, international urban development issues

GRETEL FOLLINGSTAD
Lecturer
Owner, Terra Planning
Email: gretel.follingstad@ucdenver.edu
Focus: Resiliency planning, adaptive water planning, hazards planning

CHRISS GEDDES
Lecturer
Associate, Design Workshop
Email: cgeddes@designworkshop.com
Focus: Urban design, campus planning, parks and open space planning, site design

MICHAEL HINKE
Lecturer
Coordinator, CU Denver’s Facility for Advanced Spatial Analysis (FAST)
Email: michael.hinke@ucdenver.edu
Focus: Geographic information systems, environmental/natural resource/land use analysis

EUGENE HOWARD
Lecturer
Associate City Planner, Denver Community Planning and Development
Email: eugene.howard@ucdenver.edu
Focus: Citywide planning, neighborhood planning, TOD planning, branded placemaking

YISHUEN LO
Lecturer
Landscape Designer, Livable Cities Studio
Email: ylo@livable-cities.com
Focus: Graphic design and visualization, emerging technologies

GILBERT MCNEISH
Professor Adjunct
Land Use Attorney, Grimshaw & Harring, PC
Email: gmcneish@spencerfane.com
Focus: Planning law
PART-TIME FACULTY & LECTURERS

KORKUT ONARAN
Assistant Professor Adjunct
Principal, Pel-Ona Architects and Urbanists
Email: korkut@pel-ona.com
Focus: Land use/environmental planning, urban design, growth management, historic preservation

PETER PARK
Associate Professor Adjunct
Director/Owner, Peter J. Park LLC
Email: peter.park@ucdenver.edu
Focus: Urban design, urban highway removal, new urbanism, form-based codes

ANDREW RUTZ
Lecturer
Urban Design Project Manager, MIG
Email: andrewrutz@gmail.com
Focus: Community planning/urban design, TOD, neighborhood revitalization, streetscape/corridor design

BRAD SEGAL
Lecturer
President, Progressive Urban Management Associates
Email: brad@pumaworldhq.com
Focus: Downtown management, community/economic development, downtown issues

RYAN SOTIRAKIS
Lecturer
Urban Designer, Dig Studio
Email: ryan.sotirakis@ucdenver.edu
Focus: Community planning/urban design, public spaces and parks

KRISTA TROFKA
Lecturer
Planning Consultant
Email: krista.trofka@ucdenver.edu
Focus: Economic development, public-private partnerships, development feasibility

MARILEE UTTER
Lecturer
President, Citiventure Associates LLC
Email: marilee@citiventure.com
Focus: Real estate development, transit-oriented development, urban land use
WHO WE ARE
WHO WE ARE

- Established in 1971 and fully accredited since 1986
- Approximately 45 graduates per year and 110 in the program
- Only planning program in Colorado
- Top planning program in the Rocky Mountain West
- Core program within the College of Architecture and Planning
WHO WE ARE

- Coordinate with other CAP and University programs
- Close working relationship with Colorado chapter of APA
- Active and visible in the community
- Well-organized student groups and MURP Alumni Association
- Over 1,400 alumni practicing through Colorado, U.S. and world
WHO WE ARE

- 8 full-time well-respected, engaged and energetic faculty
- A deep network of talented adjunct instructors and lecturers
- An 84% AICP pass rate (8 points higher than national average)
- Ranked #4 in the nation in number of alumni passing AICP
OUR VISION AND MISSION
VISION

- To be a national leader in educating skilled, engaged planners and supporting vibrant, equitable, and sustainable places and communities.
MISSION

- To teach our students the knowledge, skills and values they need to be confident, principled, and visionary planners, using Colorado as our classroom to engage students in real-world, experiential learning.
MISSION

- To advance the field of planning through insightful, relevant research that directly informs policy and improves our built, natural and social environments, both locally and globally.
MISSION

To serve as a vital resource for communities and professionals and to help develop sustainable solutions to the complex planning challenges facing our region, nation, and planet.
PROGRAM HALLMARKS
PROGRAM HALLMARKS

- Engaged and experiential learning
PROGRAM HALLMARKS

- Physical planning orientation
PROGRAM HALLMARKS

- International learning opportunities
PROGRAM HALLMARKS

- Integrated planning technologies
PROGRAM HALLMARKS

- Self-directed elective curriculum
PROGRAM HALLMARKS

- Professional and career development
PROGRAM HALLMARKS

- Diverse faculty experience
OUR LOCATION
OUR LOCATION

- Natural Resources: We’re surrounded by great scenic beauty, natural and strategic assets and abundant recreational amenities, which allows many to have an exceptional quality of life.
OUR LOCATION

- Networks: We have a strong culture of entrepreneurship and collaboration, and an extensive community of professional planners and designers.
OUR LOCATION

Legacy: We have a rich urban heritage and a tradition of civic investment, citizen engagement, and social movements, and many leaders who are passionate about sustainability and resiliency.
OUR LOCATION

- Vitality: We have a vibrant downtown and a historic core of traditional urban neighborhoods that are densifying and revitalizing.
OUR LOCATION

Urban Laboratory: We’re a national model for planning and design innovation and we have notable examples of virtually every type of urbanism—good and bad—from the past 160 years.
OUR LOCATION

And yet...
Solutions: We also have a rich network of nonprofits, foundations, and government organizations working on programs, plans, and policies to address affordable housing, economic development, health, transportation, jobs, education, and neighborhood change.
OUR LOCATION

- An extraordinary place to live, learn, and engage while studying urban and regional planning!
CURRICULUM OVERVIEW
## PROGRAM REQUIREMENTS

### YEAR 1 FALL

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th># Credits</th>
<th>Semester Offered</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>URPL 5000</td>
<td>Planning History and Theory</td>
<td>3</td>
<td>Fall only</td>
<td>None</td>
</tr>
<tr>
<td>URPL 5010</td>
<td>Planning Methods</td>
<td>3</td>
<td>Fall only</td>
<td>None</td>
</tr>
<tr>
<td>URPL 5030</td>
<td>The Planning Profession</td>
<td>3</td>
<td>Fall only</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Elective course</td>
<td>3</td>
<td></td>
<td>See course description</td>
</tr>
</tbody>
</table>

Total Credit Hours: 12

### YEAR 1 SPRING

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th># Credits</th>
<th>Semester Offered</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>URPL 5040</td>
<td>Urban Sustainability</td>
<td>3</td>
<td>Spring only</td>
<td>None</td>
</tr>
<tr>
<td>URPL 5050</td>
<td>Urban Development</td>
<td>3</td>
<td>Spring only</td>
<td>None</td>
</tr>
<tr>
<td>URPL 5060</td>
<td>Planning Workshop</td>
<td>6</td>
<td>Spring only</td>
<td>9 MURP credits of which at least 6 must be 5000-series core courses</td>
</tr>
</tbody>
</table>

Total Credit Hours: 12

### AFTER YEAR 1 SPRING

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th># Credits</th>
<th>Semester Offered</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>URPL 6000</td>
<td>Planning Project Studio</td>
<td>6</td>
<td>Summer or Fall</td>
<td>URPL 5060 Planning Workshop</td>
</tr>
<tr>
<td>URPL 5020</td>
<td>Planning Law and Institutions</td>
<td>3</td>
<td>Fall only</td>
<td>None</td>
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<tr>
<td></td>
<td>Elective courses</td>
<td>15</td>
<td></td>
<td>See course description</td>
</tr>
</tbody>
</table>

Student’s choice of ONE of the following 6-credit courses:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th># Credits</th>
<th>Semester Offered</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>URPL 6900</td>
<td>Planning Capstone</td>
<td>6</td>
<td>Spring</td>
<td>URPL 5060 Planning Workshop</td>
</tr>
<tr>
<td>URPL 6920</td>
<td>Planning Thesis A</td>
<td>6</td>
<td>Fall / Spring</td>
<td>URPL 5060 Planning Workshop</td>
</tr>
<tr>
<td>URPL 6925</td>
<td>Planning Thesis B</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours: 30

Typical two-year course sequence and prerequisites
# PROGRAM REQUIREMENTS

## Core Courses

<table>
<thead>
<tr>
<th>Course #</th>
<th>Core Course Name</th>
<th># Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>URPL 5000</td>
<td>Planning History and Theory</td>
<td>3</td>
</tr>
<tr>
<td>URPL 5010</td>
<td>Planning Methods</td>
<td>3</td>
</tr>
<tr>
<td>URPL 5020</td>
<td>Planning Law and Institutions</td>
<td>3</td>
</tr>
<tr>
<td>URPL 5030</td>
<td>The Planning Profession</td>
<td>3</td>
</tr>
<tr>
<td>URPL 5040</td>
<td>Urban Sustainability</td>
<td>3</td>
</tr>
<tr>
<td>URPL 5050</td>
<td>Urban Development</td>
<td>3</td>
</tr>
<tr>
<td>URPL 5060</td>
<td>Planning Workshop</td>
<td>6</td>
</tr>
<tr>
<td>URPL 6000</td>
<td>Planning Project Studio</td>
<td>6</td>
</tr>
</tbody>
</table>

Student's choice of ONE of the following 6-credit courses:

- URPL 6900 Planning Capstone 6 credits
- URPL 6920 and 6925 Planning Thesis A and B

**Core Courses Total**

- 36 credits

**Regular Elective Courses**

- 15 credits

**Advanced Skills/Methods Elective Course**

- 3 credits

**Required Total Credit Hours**

- 54 credits

## Elective Courses

<table>
<thead>
<tr>
<th>Course #</th>
<th>Elective Course Name</th>
<th># Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>URPL 6210</td>
<td>Planning Engagement</td>
<td>3</td>
</tr>
<tr>
<td>URPL 6225</td>
<td>Urban Policy Analytics</td>
<td>3</td>
</tr>
<tr>
<td>URPL 6250</td>
<td>GIS for Urban Planning</td>
<td>3</td>
</tr>
<tr>
<td>URPL 6265</td>
<td>Visualization for Planning</td>
<td>3</td>
</tr>
</tbody>
</table>

## Core courses and credit hour requirements

## Advanced skills/methods elective courses
DUAL DEGREES AND CERTIFICATES

- MURP + Master of Architecture (MArch) Dual
- MURP + Master of Landscape Architecture (MLA) Dual
- MURP + Master of Business Administration (MBA) Dual
- MURP + Master of Public Administration (MPA) Dual
- MURP + Master of Public Health (MPH) Dual
- MURP + Juris Doctorate (JD) Dual
- MURP + Master of Science in Historic Preservation (MSHP) Dual
- MURP + Master of Engineering – Transportation (MENG) Dual
- MURP + Master of Urban Design (MUD) Concurrent
- MURP + Geographic Information Systems (GIS) Certificate
CORE LECTURE COURSES
PLANNING HISTORY AND THEORY

- Why do we plan?
- Why did the profession of planning develop?
- How has planning affected people and cities?
- Are there good and bad ways to practice planning, and if so, how do we know what these are?
PLANNING METHODS

- What is data and how do we use it in planning?
- How do we organize and manage data?
- What are planning data collection methods?
- How do we analyze and synthesize planning data?
- How do we tell the story about our data through written, oral, and graphic communication?
- How do we use tools like Access and Excel in planning?
THE PLANNING PROFESSION

- Types of planners and planning employment sectors
- Planning skills, knowledge areas, and values
- Networking and building relationships
- Personal marketing and career development
- Planning ethics and professional conduct
- Project solicitation, contracting, work plans, budgets
- Intro to Adobe Photoshop, Illustrator and InDesign
- Over 25 different planners as guest speakers!
PLANNING LAW AND INSTITUTIONS

- Government/institutional settings where planning takes place
- Planning-related legal doctrines
- Planning-related statutory laws and ordinances
- Legal aspects of planning substance and procedure
- Drafting planning law and ethics-related memoranda
URBAN SUSTAINABILITY

- Sustainability theory and frameworks
- Planning and zoning tools for the environment
- Planning-relevant federal environmental legislation
- Indicators and metrics
- Water quality, pollution, storm water management
- Air quality and emissions
- Efficiency in transportation and buildings
- Urban forestry and agriculture
URBAN DEVELOPMENT

- Who are the participants in the city-building process?
- How plans and planning guide development
- Real estate development process
- Development review process and the plan commission
- Zoning and sub-division codes
- Managing risks: pro-formas, market studies
- Public finance: bonds, TIF, taxes, fees, grants
CORE STUDIO COURSES
PLANNING WORKSHOP

- Introduction to physical planning and site design
- Existing conditions data collection
- Plan-making and the planning process
- Written, oral, and graphic communication
- Real-world sites and clients
- Introduction to GIS and SketchUp
PLANNING PROJECT STUDIO

- Single project from start to end for real-world client
- Three options:
  - Fall Semester: Denver-based urban client and project
  - Summer Semester: Mountain-based small-town client and project
  - Summer Semester: International travel abroad client and project
- Urban studio projects from past few years:
  - Golden Triangle Neighborhood Plan Update
  - Downtown to Cherry Creek Streetcar Feasibility Study
  - Lower Downtown Alleys Master Plan
  - Downtown Denver Parks and Public Spaces Concept Plans
STUDYING ABROAD
GREECE

- Multi-disciplinary planning and design studio with an emphasis on sustainable tourism planning
- Work with local planning officials and stakeholders to define the work scope.
SPAIN

- Multidisciplinary course with MUD, MLA, MArch in Barcelona
- Collaborative teams
- Focus on streets as public spaces and revitalizing public spaces
- Public space analysis methodologies
INDIA

- What are the human-caused drivers of landslide risk in the Darjeeling region of India?
- Save the Hills – local nonprofit
- Five students on small research project
CAPSTONE / THESIS
### CAPSTONE/THESIS REQUIREMENT

**Capstone (kap-stohn), noun**

1. A finishing stone of a structure
2. The crowning achievement, element or event

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Client Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>An Action Plan for Initiating Conservation and Recovery Plans for Priority</td>
<td>Boulder County Parks and Open Space</td>
</tr>
<tr>
<td>Species of Special Concern in Boulder County</td>
<td></td>
</tr>
<tr>
<td>U.S. Bicycle Routes for Colorado</td>
<td>CDOT</td>
</tr>
<tr>
<td>Summary and Evaluation of &quot;Big Data&quot; Sources for Transportation Planning</td>
<td>Charlier Associates</td>
</tr>
<tr>
<td>Undue Concentration of Low-Income Households</td>
<td>CHFA (Colorado Housing Finance Assoc.)</td>
</tr>
<tr>
<td>Best Practices and Options for Revision of Steamboat Springs Current</td>
<td>City of Steamboat Springs</td>
</tr>
<tr>
<td>Waterbody Setback Regulations</td>
<td></td>
</tr>
<tr>
<td>Identifying ETOD Investments in Greater Denver</td>
<td>Enterprise Community Partners</td>
</tr>
<tr>
<td>Potential for Form-Based Zoning Codes to Promote Affordable Housing</td>
<td>Housing Colorado</td>
</tr>
<tr>
<td>Sheridan Quincy Trail Improvement Plan</td>
<td>Institute for Environmental Solutions</td>
</tr>
<tr>
<td>Understanding Local Policies for First/Last Mile Connections</td>
<td>Mile High Connections</td>
</tr>
<tr>
<td>Red Rocks Amphitheater Long-Range Plan</td>
<td>Denver Arts and Venues</td>
</tr>
</tbody>
</table>
ELECTIVE COURSES
ELECTIVE COURSES – FALL SEMESTER

- Land Development Regulations
- GIS for Urban Planning
- Visualization for Planning
- Design Practice
- Introduction to Sustainable Infrastructure
- Urban Housing
- Real Estate Development and Finance
- Preservation Theory and Practice
- Environmental Planning and Management
- Transit, Pedestrian, and Bicycle Planning
- Regional Growth and Equity
- Small Town, Rural, and Resort Planning
- Disaster and Climate Change Planning
- International Development Planning
ELECTIVE COURSES – SPRING SEMESTER

- Plan Making
- Planning Engagement
- Urban Policy Analytics
- Advanced Geospatial Methods
- Form and Formation of Cities
- Urban Redevelopment Strategies
- Parks and Public Spaces
- Design Policy
- Design Practice
- Community Development
- Transportation, Land Use and the Environment
ASSISTANCE AND EMPLOYMENT
INTERNERSHIPS AND MENTORING

- Internship Benefits:
  - Hands-on experience; learning to “think like a planner”
  - Professional networking
  - Personal and professional growth

- Eligible for 3 elective credits, or non-credit

- Intentional learning experience:
  - Learning Agreement required
  - Weekly brief writing assignments

- Often paid (but not always)

- CU Denver Handshake Jobs Portal

- Mentorships and job shadowing through APA
INTERNSHIPS AND MENTORING
TAs / RAs / Student Workers

- Teaching Assistants – potential positions for 2nd-year students
- Research Assistants – potential positions through MURP research faculty, CCCD, CCSU
- Student Workers – potential positions for administrative work at College or Department levels
Master of Urban and Regional Planning
COLLEGE OF ARCHITECTURE AND PLANNING
UNIVERSITY OF COLORADO DENVER

QUESTIONS?