

# Planning & Community Development

---

Community development as a field embraces both citizen activists and professionals in planned efforts to create social and physical solutions to improve quality of life. Community development focuses on grass roots, community-based initiatives, complementing the field of Urban Planning, which is often more policy driven and government sponsored.

Students will learn to understand and think critically about the social, political, economic, historic, and cultural dynamics shaping various types of communities. Students will learn how to engage stakeholders; assess a community's assets, needs and opportunities; plan what the community wants to achieve; and develop strategies, programs, and policies to improve quality of life. Learning will extend beyond the classroom with hands-on experience through service learning, field research, informal gatherings, and workshops.

In the community development program students prepare to tackle the challenges of the community development worker in the 21st century, specifically how to empower culturally, economically, or geographically disadvantaged communities to address inequalities and improve their long-term social, economic, and environmental sustainability. Graduates are prepared to serve as the critical link between communities, local governments, and state and federal programs in various positions including community organizing, nonprofit organizations, private foundations, community development corporations, community investment specialists and more.

Rashida Ng, Chair, Architecture and Environmental Design  
Tyler School of Art and Architecture  
Architecture Building, Room 204  
2001 N. 13th Street  
Philadelphia, PA 19122  
215-204-8813  
rashida.ng@temple.edu

Jeffrey P. Doshna, Ph.D., AICP, Program Head, Planning and Community Development  
Tyler School of Art and Architecture  
Architecture Building, Room 213  
2001 N. 13th Street  
Philadelphia, PA 19122  
doshna@temple.edu

## Programs

- Bachelor of Science in Community Development (<http://bulletin.temple.edu/undergraduate/tyler/planning-community-development/bs-community-development>)

## Community Development Courses

### **CDEV 1113. Introduction to Community Development. 3 Credit Hours.**

Community development refers to the broad set of skills and institutions that local communities utilize in an effort to improve the quality of life for all residents. The course examines the history of housing, economic trends, and social policies that have affected low-income communities across the US, and the various ways through organizing and capacity building that community development professionals and activists have sought to improve these conditions. Topics include the provision of affordable housing, community economic development and finance, public education and workforce development, local food systems, and environmental sustainability.

**Repeatability:** This course may not be repeated for additional credits.

### **CDEV 2013. Community Redevelopment and Revitalization. 3 Credit Hours.**

This required course within the core curriculum of the community development major is designed to give students a background on the history of urban redevelopment programs, and their impact on individuals and communities. Spanning the period from the early 20th century through the first years of the 21st, students will learn about early progressive era reforms, programs of the New Deal, Urban Renewal, Model Cities, and the Great Society. It will also cover the development of community development corporations, and their role in revitalizing cities across the United States. Market-based and neoliberal programs that began in the 1980s will also be discussed, as will the current policy landscape for redevelopment of urban communities. Particular focus will be paid to this history in the City of Philadelphia.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 2155. Housing and Community Development. 3 Credit Hours.**

A comprehensive study of housing and community development within the context of its environment, both natural and built. Explores the implications on housing of topography, public policy, demographics, transportation, adjacent uses, local culture, building practices, zoning, climate, and historical patterns. A broad range of housing types and densities are examined along with housing as both shelter and social symbol. This course has both historical and current references and introduces the role of the community development professional or planner as a community designer and advocate.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 2255. Environmental Justice in Communities. 3 Credit Hours.**

This course explores the histories, policies, and innovations associated with environmental justice movements in the United States and throughout the world. It will explore public policy responses to social movement against environmental injustices and environmental racism; discuss the role of science in the public debate; and connect environmental justice to community development theories, policies, and practices. Service learning for a Philadelphia-area organization on an environmental justice project is a key component to this course.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 2354. Cooperatives. 3 Credit Hours.**

Cooperatives serve a unique role in the modern economy. Having first emerged during the Industrial Revolution, cooperatives were an alternative way for individuals to work together on food production, ownership of businesses, and labor. Today, cooperatives represent a significant portion of the economy around the world, and are a vital component of place-based grassroots community development. This course examines the history and development of cooperatives in the United States and around the world, as well as exploring the innovations that cooperatives continue to bring to communities. Philadelphia is a recognized center of cooperatives in the United States, many of which will be engaged as part of this course. Specific attention will be paid to the Rad Dish Co-Op Cafe, Temple University's student-run co-op.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 2454. Grant Writing for Non-Profits. 3 Credit Hours.**

The course will help to develop the skills necessary for students to have the knowledge to be able to develop, write and submit a solid grant proposal. Students will obtain hands-on practice to learn to write successful grants. The course will start with an introduction to grants and their place in the development and funding of non-profit organizations. Students will learn the roles of both government and private grant funding for non-profits. Students will learn sound planning skills, write a grant proposal and get feedback on their proposals. Using interactive learning and assigned tasks, we will focus on planning, research, evaluation techniques, budgeting, and how to effectively communicate issues and needs in a clear and concise manner. There will be some exposure to grant-writing software, as applicable.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 2596. Community Planning Analysis. 3 Credit Hours.**

Community development and planning practitioners use tools to gather, analyze, and present information. This course provides an introduction to a broad range of analytical methods and techniques used in the field to understand communities. Students learn to obtain data, select and use the most appropriate analytical methods (with an emphasis on computer applications, such as Microsoft Excel), and present results effectively. Topics to be covered include primary and secondary data collection, basic methods of descriptive statistics, demographic models, population projections and forecasts, economic analysis, housing indicators, surveys, interviews, questionnaires, community asset mapping and zoning. Classes consist of a mix of lectures, small group exercises, and hands-on computer labs. Students, over the course of the semester, develop a portfolio of analytical tools for an assigned community. Consistent with the University's Writing Intensive Program, each weekly assignment will be returned with comments for revision and compilation into a single portfolio. This 'thick description' of a community demonstrates competency with the wide range of methods used in community development. Note: Basic computer skills required. By lecture 4, students must have familiarity with Microsoft Excel. Go to <http://www.temple.edu/cs/training/> for information on free seminars offered by Temple University Computer Services.

**Course Attributes:** WI

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 3113. Nonprofit Management. 3 Credit Hours.**

The course provides an overview of management of nonprofit organizations, including issues pertinent for nonprofit managers and leaders faced with changing organizational environments. Most community development activities are centered within a nonprofit organization or work closely with these community-based organizations. Students are introduced to the major aspects of nonprofits and voluntary organizations that distinguish them from public and private organizations: mission/vision; legal definitions/IRS rulings; voluntary governance structures; and a social change agenda. Topics covered include the history and scope of the nonprofit sector, variations within the sector, contemporary theories of nonprofit enterprise, growth in the international nonprofit sector, management issues which pertain to nonprofits, financial management, accountability, human resources management, strategic planning, collaborative partnerships, leadership, advocacy, and the future of the sector.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 3155. Healthy Community Design and Development. 3 Credit Hours.**

This course seeks to bridge the gap between planning and public health, providing an interdisciplinary approach to address the health implications of the built environment. Students will understand public health and planning history, evolution and significant movements to the present, and historical and current theories on the relationship between the built environment and public health. They will identify contemporary features of the built environment such as patterns of development, parks, public works projects, houses, and transportation systems that reflect past efforts to influence health, and use methods developed by architects, urban planners, public health professionals, sociologists and anthropologists to address current health impacts of the built environment. Students learn about vulnerable populations and health disparities, and develop skills to identify studies and engage communities, critique methods and findings, and apply lessons from planning and public health research to current and future problems.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 3165. Placemaking: Revitalizing Urban Communities. 3 Credit Hours.**

The term placemaking (sometimes referred to as "creative placemaking") refers to a particular approach to community building and revitalization that has gained popularity in recent years. Through readings, lectures, exercises, and tours students will explore placemaking practices focused on asset based, bottom up approaches that seek to enhance the social fabric while improving physical places. This includes local economic development and revitalization practices that value community identity as expressed in local cultural, historic and natural resources, but also includes other types of practices that simply seek to create a sense of "place" in some otherwise under-used or ill-defined space. Students will assess placemaking practices and identify opportunities for "creative placemaking" in Philadelphia's neighborhoods.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 3175. Gentrification and Equitable Development. 3 Credit Hours.**

With the recent revitalization of cities, gentrification has become a real, complex and highly contested issue that represents progress for some and displacement or its threat for others. This course investigates gentrification and interventions aimed at limiting its negative effects. Through analyzing academic literature, current events and case studies, we consider: the processes, forms, agents and impacts (positive and negative) of gentrification; examine the roles of policy, planning and community development in the gentrification process; and investigate programs and strategies that practitioners could implement to foster equitable development.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 3197. Community-based Organizations. 3 Credit Hours.**

For the past 50 years, community-based organizations (CBOs) have played an important role in the housing, economic and social development in low-income communities: community development corporations (CDCs) were established to construct and manage affordable housing; community economic development programs seek to empower local residents through job training and entrepreneurial assistance; and faith-based organizations continue to play an important role in social service provision in many communities. Fundamentally, CBOs strive to build community leadership and empower low-income people to take charge of their own future. Understanding the role of such organizations is crucial in being an effective planner. Synthesizing skills developed in lower-level courses within the Community Development major, students in this writing-intensive course produce - over the course of the full semester - a strategic plan for a community-based organization of their choosing. Beginning with a profile of the community served, students develop a profile of a specific CBO within the Philadelphia region. After meeting with stakeholders, students develop and present a strategic plan to assist that organization in meeting the needs of its client community, both now and in the future. The plan produced is a result of ongoing feedback from classmates, stakeholders, and the instructor.

**Course Attributes:** WI

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:**

(CDEV 1113|Minimum Grade of C-|May not be taken concurrently)  
AND (CDEV 2596|Minimum Grade of C-|May not be taken concurrently)

**CDEV 3313. Community Development Finance. 3 Credit Hours.**

The course examines the history and practice of community development finance in the United States. Low-income communities face particular challenges in meeting their credit needs through the traditional financial sector. Over the past 100 years, various institutions have developed to both advocate for change and to cover this gap. The course explores strategies for developing assets for low-income families and low-income communities. Different types of community development finance projects are discussed, including affordable housing, charter schools, community facility, small business lending, and nonprofit real estate projects. The course concludes with an examination of continuing challenges to meet the depository and credit needs of low-income communities.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 3334. Community Economic Development. 3 Credit Hours.**

This elective course within the community development program is designed for students seeking to work in the areas of community economic development. It begins with a thorough examination of the theories of regional, city, and local economic growth and development, including tools necessary to document economic indicators. The second part of the course utilizes a case-study approach of methods and practice, including topics such as workforce development, entrepreneurship, small business attraction and retention, commercial corridors, immigrant communities, leveraging the creative economy, and development without displacement. Examples from the Philadelphia region will be given particular focus.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 3455. Community Engagement and Empowerment. 3 Credit Hours.**

This class explores the theory and practice of involving citizens in agency-led and community-based planning processes. Readings, class discussions, case studies, and guest lectures emphasize building knowledge and skills necessary to develop open and inclusive processes using a continuum of civic engagement practices such as community organizing, outreach and education, interactive tools and technologies, charrettes and full empowerment.

**Repeatability:** This course may not be repeated for additional credits.

**CDEV 3860. Topics in Community Development. 1 to 3 Credit Hour.**

Variable offerings from semester to semester of selected topics not part of the regular listing of courses. The topic can be in an area of specialization of a faculty member or an examination of a current development in the field. NOTE: Students may obtain a description of the current version at the department office and in the schedule of classes. This course may be repeated for credit.

**Repeatability:** This course may be repeated for additional credit.

**CDEV 3870. Special Topics in Community Development. 1 to 3 Credit Hour.**

Variable offerings from semester to semester of selected topics not part of the regular listing of courses. The topic can be in an area of specialization of a faculty member or an examination of a current development in the field. Students may obtain a description of the current version at the department office and in the schedule of classes. This course may be repeated for credit.

**Repeatability:** This course may be repeated for additional credit.

**CDEV 3882. Independent Study in Community Development. 1 to 3 Credit Hour.**

An advanced course that involves explorative study or research not met in any established course. Initiated by the student, the project must be sponsored by a faculty member with an approved agreement outlining the content and requirements, including readings, meetings, and papers. NOTE: Students must have the agreement of a faculty sponsor and must submit a formal proposal to this faculty member and Department before registering for the course. A maximum of 3 s.h. of Community Development directed reading/study or independent study may be used as elective credit toward the B.S. in Community Development.

**Repeatability:** This course may be repeated for additional credit.

**CDEV 3883. Directed Reading/Study in Community Development. 1 to 3 Credit Hour.**

Prerequisite: Written contract with faculty member and approval of the Department Chair.

Advanced reading/study tutorial arranged between the student and a faculty member. Requirements are jointly determined relative to the specific focus of the course and may include literature review; preparation of journals, bibliographies and/or paper(s); and participation in regularly scheduled discussions. The level of work required is equivalent to a traditional course. Writing skills are evaluated for the final grade. Students are expected to demonstrate personal initiative in framing and meeting course requirements. NOTE: This course may be repeated for credit. A maximum of 3 s.h. of Community Development directed reading/study or independent study may be used as elective credit toward the B.S. in Community Development.

**Repeatability:** This course may be repeated for additional credit.

**CDEV 4885. Internship and Professional Practice in Community Development. 3 Credit Hours.**

The course requires 180 hours of supervised internship experience with public agencies, non-profit institutions, and private entities. The internship must have a designated field supervisor and must emphasize the acquisition and application of practical skills in community development. Undergraduates may register for CDEV 4885 only once.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:**

(CDEV 1113|Minimum Grade of C-|May not be taken concurrently)  
 AND (CDEV 2596|Minimum Grade of C-|May not be taken concurrently)  
 AND (CRP 2524|Minimum Grade of C-|May not be taken concurrently)  
 OR CTRP 2524|Minimum Grade of C-|May not be taken concurrently)  
 AND (CDEV 3113|Minimum Grade of C-|May not be taken concurrently)  
 OR CDEV 3197|Minimum Grade of C-|May not be taken concurrently)

**CDEV 4889. Community Development Workshop. 3 Credit Hours.**

This capstone course in the Community Development major focuses the practice of contemporary community development in collaboration with a community-based organization. It builds upon the knowledge and skills students acquired earlier in the degree program and demonstrate their abilities to resolve real-life problems. Students work in small teams to formulate a research design and scope of services to investigate existing conditions; collect and analyze data needed to devise effective solutions to local problems which build on available community assets; and produce reports local leaders can use to guide their future revitalization efforts.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:**

(CDEV 1113|Minimum Grade of C-|May not be taken concurrently)  
 AND (CDEV 2596|Minimum Grade of C-|May not be taken concurrently)  
 AND (CRP 2524|Minimum Grade of C-|May not be taken concurrently)  
 OR CTRP 2524|Minimum Grade of C-|May not be taken concurrently)  
 AND (CDEV 3197|Minimum Grade of C-|May not be taken concurrently)

**City and Regional Planning Courses****CTRP 0807. People, Places, and Environment. 3 Credit Hours.**

Have you ever thought about the relationship people have to their place - home, neighborhood, town, or city? How about to the environment? Have you ever thought about how people have shaped the places of our everyday lives - suburban housing developments, shopping malls, and small towns? And, have you ever thought about what will happen in the future to the Earth's natural resources - the air, water, and land - as we continue to build and expand? Explore these kinds of questions through readings, lectures, video presentations, and group discussions. Challenge your mind - and imagination - and open up new avenues of discovery. NOTE: This course fulfills the U.S. Society (GU) requirement for students under GenEd and American Culture (AC) for students under Core. Students cannot receive credit for CTRP 0807 if they have successfully completed CTRP 1007, CRP 1007 or CRP C061.

**Course Attributes:** GU

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 0821. Digital Mapping: From Mercator to Mashups. 4 Credit Hours.**

Almost all of us interact with digital maps regularly for finding directions and the locations of services, like the nearest coffee shop. Yet for most, the inner workings of digital maps remain a mystery. This course provides an in-depth exploration of how digital maps work - what technologies support location tracking, where do the mapped data come from, and how digital maps are used to analyze geographic problems in urban and environmental planning and policy, health, and business. Along the way, you will develop quantitative literacy by learning how to acquire spatial data, make digital maps, and critically evaluate mapping applications. NOTE: This course fulfills the Quantitative Literacy (GQ) requirement for students under GenEd and a Quantitative Reasoning (QA or QB) requirement for students under Core. Students cannot receive credit for CTRP 0821 if they have successfully completed CRP 0821, GUS 0821 or GUS 0921.

**Course Attributes:** GQ

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:**

MATH 0701|Minimum Grade of C-|May not be taken concurrently  
 OR MATH 0702 to 4999| Required Courses:1|Minimum Grade of D-|May be taken concurrently  
 OR MC3 Y|May not be taken concurrently  
 OR MC4 Y|May not be taken concurrently  
 OR MC5 Y|May not be taken concurrently  
 OR MC6 Y|May not be taken concurrently  
 OR MC3A Y|May not be taken concurrently  
 OR MC6A Y|May not be taken concurrently  
 OR MATW Y|May not be taken concurrently  
 OR MC3S Y|May not be taken concurrently.

**CTRP 1001. Freshman Seminar/Discovery Series. 1 Credit Hour.**

Introduces first-year students to the purpose of higher education and the skills needed to use information technology and academic resources successfully in college and the workplace. Focuses on topics useful to college students, including time management, teamwork, study skills, and academic and career planning.

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 1017. City Planning Principles and Practice. 3 Credit Hours.**

Theory and practice of urban planning in the United States. Discussion of planning policy, methodology, and implementation in such areas as land use, housing, environment, economic development, and transportation. Particular emphasis is given to the ways in which values and ethics inform the planning process, as well as how societal changes are affecting our land use options. Note: Prior to fall 2017, the course title was "Introduction to Community and Regional Planning."

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 2114. Urban Form and Design. 3 Credit Hours.**

Basic design principles, techniques, and practices of sustainable urban form and design. The topics for most readings, projects, and guest lectures are people oriented and examine the many elements that contribute to the aesthetic and human quality of communities of all sizes. Through poster presentations, field visits, and other assignments, students analyze the nature of public spaces, streets and boulevards, landscaping, water, materials, light, scale, mass, and time. Explores the roles of unity, harmony, symbolism, and cultural values. Course readings have both historical and current references. Students participate in real-world urban design projects, visual design analyses, and presentations in a studio setting.

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 2166. Land Use Planning. 3 Credit Hours.**

At the heart and soul of community and regional planning is land use. How we use land and the institutional and legal basis by which we establish and implement land use goals are key elements in how our communities and regions are shaped. This course examines the foundations of land use planning, which begins with an understanding of attitudinal, value, and ethical perspectives of how land resources are used. The range of land use implementation approaches - regulatory, fiscal, incentives, and public investment - are also evaluated. The course additionally discusses the importance of ecological planning and design as prospects for contemporary land use planning to create sustainable communities and regions. NOTE: This course is not open to students who have taken Geography and Urban Studies 4015 (0215).

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 2213. Environmental Planning. 3 Credit Hours.**

A comprehensive overview of physical and environmental systems, including land, air, and water, and how planning can be conducted to protect such systems. Topics include environmental assessments and impact statements, storm water and floodplain management, water conservation, protection of open spaces and water supplies, waste management, and air pollution control.

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 2251. Sustainable Food Systems Planning. 3 Credit Hours.**

Planners are paying attention to the notion of food system planning: farm land preservation and environmental stewardship; economic development including distribution, processing, employment and globalization; and food security, involving access to affordable, healthy foods. There are also issues of public health, food cultures, consumer spending patterns, and education. This course explores all of these concerns. Guest speakers and field trips provide a focus on regionally based food systems initiatives. Course readings and lectures address work that is underway elsewhere in North America. Students develop an appreciation for the ways in which a food systems perspective can enrich community planning efforts and create more sustainable and vital places in which to live and flourish.

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 2524. Fundamentals of Geographic Information Systems (GIS). 3 Credit Hours.**

Basic principles and techniques of GIS, a computer-based system that uses spatial (geographic) data to analyze and solve real-world issues. Lab exercises, exams, and projects emphasize spatial data collection, entry, storage, analysis, and output using ArcGIS, the most widely used desktop GIS software. Students are expected to create maps, following basic cartographic rules and techniques, and to understand basic spatial data analysis techniques, including spatial query, geo-processing, and surface analysis. NOTE: This course is not open to students who have taken Geography and Urban Studies 3062 (0262). This course is the prerequisite for Advanced GIS (CTRP 5525) for all students (both undergraduate and graduate).

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 3155. Ecological Planning and Development. 3 Credit Hours.**

The fundamentals of the ecological planning method developed by landscape architect and regional planner, Ian McHarg, establish a basis to plan and develop both individual projects and entire communities that can be enduring (sustainable). Students examine both theory and practice in the relationship between ecological planning and actual development. Case studies, field trips, and guest presenters will highlight specific examples of the successful implementation of ecological planning by the private development sector.

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 3255. Sustainability in Suburban Communities. 3 Credit Hours.**

The physical forms of suburban communities and the social and economic patterns that shape residents' lives make achieving sustainability in suburbia challenging and problematic. Distances between homes, businesses, and worksites are long, transportation choices are few, infrastructure needs are extensive and costly, and impacts on ecological systems can be severe. Many argue that higher-density, urban living holds our best promise for an environmentally sustainable future in the United States, but half of all Americans live in suburbia and finding sustainable solutions for them and their communities must be part of the solution. Lectures, readings, and discussions in this course address sustainability in suburban communities by covering the history of the American suburb and processes of suburbanization; architecture and housing; landscape and community design; transportation and infrastructure; built and natural environments and ecological systems; and planning, administration, and regionalism.

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 3256. Sustainable Community Design and Development. 3 Credit Hours.**

Introduces students to the concept of sustainable development and how it has been applied to the design and development of communities. Beginning with an examination of the historical evolution of the concept of sustainable development, students then review the discourse of theory and practice of sustainable development at local, regional, and global levels. Review of case studies to understand how to evaluate the level of sustainable development principles being incorporated into planning practice.

**Class Restrictions:** Must be enrolled in one of the following Classes: Junior 60 to 89 Credits, Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 3555. Internet and Digital Technologies for Community Engagement. 3 Credit Hours.**

Emerging technologies are directly influencing the planning and management of our urban areas in very profound and pervasive ways. Planning and related professionals increasingly are adopting new technologies to develop plans, communicate ideas and concepts, and engage citizens in the decision-making process. The course introduces many fundamental technology concepts including: e-Planning and e-Government; Cybercities; e-Commerce & Economic Development; Web 1.0, 2.0, 3.x, Web Conferencing Tools; Online Project Collaboration Methods; IT Project Management; Section 508 Accessibility; Planning in Virtual Worlds; Municipal Wireless Networks & Public Spaces; and Digital Divide. Through a series of labs and assignments, students gain hands-on experience with each of these technologies.

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 3655. Transportation Planning. 3 Credit Hours.**

Presents an overview of the history of transportation in the United States and the fundamentals of present day transportation planning and policies. Explores the influences of urban form on: modal choice; accessibility and mobility of various population subsets (such as the economically- and physically-disadvantaged); regional and local travel demand; and the operational efficiency of transit, highways, bicycle, pedestrian and other modes of transportation. Covers the impact of transportation investments on land use and regional population growth, and on environmental, community, and economic sustainability. Introduces students to currently used transportation planning methodologies, legal requirements, and decision-making processes. By studying actual transportation projects, students develop a plan for an assigned project.

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 3755. Introduction to Emergency Management Planning. 3 Credit Hours.**

Provides a fundamental understanding of the emergency planning process, the phases of emergency management, and the roles and responsibilities of all parties involved. Students work in a classroom environment, interacting with others on various assignments, projects and presentations.

**Repeatability:** This course may not be repeated for additional credits.

**CTRP 3860. Topics in Community & Regional Planning. 1 to 3 Credit Hour.**

Variable offerings from semester to semester of selected topics not part of the regular listing of courses. The topic can be in an area of specialization of a faculty member or an examination of a current development in the field. NOTE: Students may obtain a description of the current version at the department office and in the schedule of classes. This course may be repeated for credit.

**Repeatability:** This course may be repeated for additional credit.

**CTRP 3870. Special Topics. 1 to 3 Credit Hour.**

Variable offerings from semester to semester of selected topics not part of the regular listing of courses. The topic can be in an area of specialization of a faculty member or an examination of a current development in the field. NOTE: Students may obtain a description of the current version at the department office and in the schedule of classes. This course may be repeated for credit.

**Repeatability:** This course may be repeated for additional credit.

**CTRP 3882. Independent Study. 1 to 3 Credit Hour.**

Explorative study or research not met in any established course. Initiated by the student, the project must be sponsored by a faculty member with an approved agreement outlining the content and requirements, including readings, meetings, and papers. NOTE: Students must have the agreement of a faculty sponsor and must submit a formal proposal to this faculty member and Department before registering for the course. A maximum of 3 s.h. of Community and Regional Planning directed reading/study or independent study may be used as elective credit toward the Community and Regional Planning major.

**Repeatability:** This course may be repeated for additional credit.

**CTRP 3883. Directed Reading/Study. 1 to 3 Credit Hour.**

Advanced reading/study tutorial arranged between the student and a faculty member. Requirements are jointly determined relative to the specific focus of the course and may include literature review; preparation of journals, bibliographies and/or paper(s); and participation in regularly scheduled discussions. The level of work required is equivalent to a traditional course. Writing skills are evaluated for the final grade. Students are expected to demonstrate personal initiative in framing and meeting course requirements. NOTE: A maximum of 3 s.h. of Community and Regional Planning directed reading/study or independent study may be used as elective credit toward the Community and Regional Planning major.

**Repeatability:** This course may be repeated for additional credit.

**CTRP 3889. Planning Studio. 3 Credit Hours.**

A culminating experience for undergraduates that demonstrates their abilities to resolve real-life problems. Working in small teams, students integrate and apply the previous years of educational experience to a community planning problem: analysis of the problem, data collection, communication of goals and objectives, formulation of a solution, and implementation. NOTE: Studio topics vary. This course may be repeated for credit.

**Field of Study Restrictions:** Must be enrolled in one of the following Majors: Community and Regional Plannin.

**Class Restrictions:** Must be enrolled in one of the following Classes: Junior 60 to 89 Credits, Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

**Degree Restrictions:** Must be enrolled in one of the following Degrees: Bachelor of Science.

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:**

(CRP 2513|Minimum Grade of D-|May not be taken concurrently  
OR CDEV 2596|Minimum Grade of D-|May not be taken concurrently)  
AND (CTRP 2524|Minimum Grade of D-|May not be taken concurrently  
OR CRP 2524|Minimum Grade of D-|May not be taken concurrently)  
AND (CTRP 4896|Minimum Grade of C-|May not be taken concurrently  
OR CRP 4896|Minimum Grade of C-|May not be taken concurrently)

**CTRP 4885. Internship and Professional Practice in Planning. 3 Credit Hours.**

Student must be a Community and Regional Planning major who has completed: CTRP/CRP 1017, 1027, 2014, 2213, 2496, 2513, 2524; plus at least one Community and Regional Planning elective. Students may register for CTRP 4885 only once. Requires 180 hours of supervised internship experience with public agencies, non-profit institutions, and private entities. Must have a designated field supervisor. Emphasizes the acquisition and application of practical skills in planning.

**Field of Study Restrictions:** Must be enrolled in one of the following Majors: Community and Regional Plannin.

**Class Restrictions:** Must be enrolled in one of the following Classes: Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

**Degree Restrictions:** Must be enrolled in one of the following Degrees: Bachelor of Science.

**Repeatability:** This course may be repeated for additional credit.

**CTRP 4896. Community and Regional Planning Senior Capstone Seminar. 3 Credit Hours.**

Students complete a capstone project that simulates the type of work and project research likely to be undertaken in the first years of employment in a planning office. This involves developing and researching a planning topic. NOTE: Fulfills the capstone writing intensive requirement for the Community and Regional Planning major.

**Field of Study Restrictions:** Must be enrolled in one of the following Majors: Community and Regional Plannin.

**Class Restrictions:** Must be enrolled in one of the following Classes: Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

**Degree Restrictions:** Must be enrolled in one of the following Degrees: Bachelor of Science.

**Course Attributes:** WI

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:**

(CTRP 2114|Minimum Grade of D-|May not be taken concurrently  
 OR CRP 2114|Minimum Grade of D-|May not be taken concurrently)  
 AND (CTRP 2213|Minimum Grade of D-|May not be taken concurrently  
 OR CRP 2213|Minimum Grade of D-|May not be taken concurrently)  
 AND (CDEV 2596|Minimum Grade of D-|May not be taken concurrently  
 OR CRP 2513|Minimum Grade of D-|May not be taken concurrently)  
 AND (CTRP 2524|Minimum Grade of D-|May not be taken concurrently  
 OR CRP 2524|Minimum Grade of D-|May not be taken concurrently)