CRPLAN 5001: INTRODUCTION TO GIS
Introduction to the basic principles of geographic information systems and their use in spatial analysis and information management.
4 credit hours

CRPLAN 5010: HISTORIC PRESERVATION PLANNING (SESSION 1)
Recchie
Cities are rich in history. Policies, incentives and planning aid in preserving unique historic character and heritage of cities.
3 credit hours

CRPLAN 5194: SEPARATE AND UNEQUAL: THE HISTORY OF RACE & REAL ESTATE IN URBAN OHIO
Sponsored by the Kirwan Center.
- How did public and private entities structure investment and disinvestment in American cities?
- How were Ohio's urban communities shaped by those actions?
- What are the continuing impacts of historical planning and development decisions?
This course draws on literature from planning, geography, and sociology to investigate the variety of public and private tools that shaped urban development, demographics, and design. Redlining, zoning, restrictive covenants, highway construction and school desegregation will be covered.
Drawing on the OSU Geography Library's recently acquired and digitized "redline" maps of fourteen Ohio cities (Akron, Canton, Cleveland, Columbus, Dayton, Hamilton, Lima, Portsmouth, Springfield, Toledo, Warren, and Youngstown) from the National Archives, students will have the opportunity to do the first scholarly and analytic explorations of these discriminatory maps and the role they played in shaping Ohio's urban neighborhoods.
3 credit hours

CRPLAN 5500: ENERGY PLANNING
Burton
Energy makes cities run, from renewable and non-renewable sources. Energy is a driving opportunity and constraint in urban development.
3 credit hours
CRPLAN 5700: URBAN TRANSPORTATION DEMAND FORECASTING  
Viton, Mishalani
Introduction and applications for quantitative demand forecasting in urban transportation.

Prereq: Math 1118 or equiv, or Grad standing. Cross-listed in CivilEn.

3 credit hours

CRPLAN 5900: FOOD SYSTEM PLANNING AND THE ECONOMY  
Clark
The purpose of this course is to build knowledge of the food system from local planning and policy and applied economic perspectives. The food economy, planning and policy have traditionally been considered a national domain, and has dealt with issues such as public health, nutrition, anti-hunger, food safety, food labeling, international trade and food aid. In the past several years, however, food has been recognized as an issue for local governance, planning and economic development. Community food governance and planning (or lack thereof) affects the ways that people produce, obtain, consume and dispose of their food. Food decisions affect where and how food can be grown, where and how food can be accessed, and how food is integrated into broader community goals.

The intent of the course is to familiarize students with key players and issues related to the practice of food system planning (the process and practice of creating and implementing food policies) and how this practice interfaces with the economy - and to place these issues in a global context. Further, basic issues in our conventional food system (production, distribution, marketing, and disposal of food), particularly with regard to those elements that may be influenced by civic action and public regulation, will be addressed. Building on these basic issues, the course will provide the fodder to examine and critique alternatives to this system (e.g., urban farming, local foods, direct markets, civic agriculture). The class is structured to develop and challenge participants’ thinking through readings, lectures, interaction with participants in alternative food system, and structured discussion. At the end of the class, students should have an increased understanding of food systems as a planning and community development topic.

Cross-listed in ADEEcon and CRPlan.

3 credit hours

CRPLAN 6010: INNOVATION IN CITY AND REGIONAL PLANNING  
Ezell
Successful cities are innovative and forward-thinking. Challenges students to focus on generation of truly innovate ideas to improve cities and regions.

3 credit hours

CRPLAN 6310: LAW AND PLANNING II: ENVIRONMENT AND SOCIETY
The role of social and environmental justice and other societal considerations in the establishment of a legal framework in planning.

Instructor name coming soon. Prereq: 6300 (761), and Grad standing; or permission of instructor.

3 credit hours
CRPLAN 6420: INFRASTRUCTURE PLANNING: FOUNDATIONS OF LOW IMPACT DEVELOPMENT (LID)
Carlson
This course introduces students to infrastructure planning principles through the lens of green stormwater infrastructure and low impact development (LID).

The planning and design of green stormwater infrastructure is inextricably wedded with other urban infrastructure including transportation facilities, water/wastewater infrastructure, and parks and recreation resources. This course will discuss the interconnectedness of infrastructure systems and their relevance to the city.

The course will explore the history of LID as a stormwater management strategy internationally and nationally by examining the environmental regulations that have spurred the practice of LID and connections with other legislation related to environmental protection and endangered species protection.

Evidence will be presented that LID can be a cost effective method for stormwater management. Students will be introduced to LID best management practices and general rules of thumb as to their applicability for various sites as a foundation. Students will be taught the basics of site assessment, be introduced to the myriad regulations and that may pose impediments to the use of LID, and interact with design teams to learn lessons from previously constructed LID designs.

Through lectures, readings, weekly on-line discussion, assignments, and a field trip, students will:
- Explore the legal foundations requiring stormwater management
- Learn the history of LID as a stormwater management strategy
- Be introduced to LID science and best management practices
- Learn why LID can be a cost effective method for managing stormwater
- Learn financing mechanisms for stormwater improvements and the degree to which the resources can be leveraged for the construction of non-stormwater infrastructure improvements
- Learn how environmental policies such as regional initiatives and local regulations impact the ability to apply LID at various project sites
- Learn how stormwater management impacts ecological processes and habitat
- Learn the basics of site assessment
- Prepare a plan that integrates LID into the standards of a local municipal code for a city or county selected by the student

3 credit hours | online

CRPLAN 6610: GRANT WRITING IN THE PUBLIC SECTOR
Instructor: Amy Wade
Public officials rely on grants to help fund their grand plans. Planners find grants, prepare proposals, and manage grants to effectively support public projects.
Cross-listed in PubAfrs 7501.
3 credit hours
CRPLAN 6700: ADVANCED GRAPHICS: MULTIPAGE DOCUMENT DESIGN (SESSION 1)

Cartwright

Advanced work in the creation of multipage documents. This 7-week course will be used to analyze, design and create multiage documents. Hands on practice in the creation of a document will be used as an armature for this learning process.

Basic knowledge of Adobe InDesign is required.

1 credit hour

CRPLAN 6700: VISUALIZING PLANNING TOPICS USING TRIMBLE SKETCHUP (SESSION 2)

Cartwright

This workshop is designed to introduce 3D modeling as a tool for communicating planning topics such as visualizing zoning, urban density, and future project conceptualization. Trimble Sketchup, a free 3D modeling program, will be used as an armature to create visualizations during the course.

1 credit hour

CRPLAN 6890: CREATIVE PLACEMAKING I: BUILDING CREATIVE COMMUNITIES, ECONOMIES, AND ANALYSES

Instructor: Leo Vazquez

This course is the first of two on Creative Placemaking (the second will be offered in Spring 2014). Each course has three modules. Between each module is a week for written summative work. After all six modules, students can choose to add on a one-credit independent studio project to earn a Master Practitioner Certificate in Creative Placemaking.

The following modules are offered in this course: Module I: Building creative communities; Module II: Building creative economies; Module III: Analysis for creative placemaking.

For more information, click the course title above.

3 credit hours | online

CRPLAN 6910: COMPREHENSIVE PLANNING STUDIO

Gibson

Application of knowledge and skills to a comprehensive planning process in consultation with professionals to produce a plan for use by a real world client.

More detailed topic information coming soon. Prereq: 6400 (745) and 6500 (762), or permission of instructor.

6 credit hours
Planning for sustainability requires systems thinking, strategic solutions and collaborative governance. Sustainability plans will be generated through active engagement with a client community.

More detailed topic information coming soon. Prereq: 6410 (724), and Grad standing, or permission of instructor.

6 credit hours