SPRING 2015
Graduate City & Regional Planning

ARCH/CRPLAN/LARCH 5960: DESIGN COMPETITION

Daniel

Title: Urban Land Institute (ULI) Hines Competition

This competition will ask students to work in multi-disciplinary design teams on a large-scale urban design project. The competition runs from January 10 - January 28. For more information, visit udcompetition.org.

Prereq: Open to graduate students only. Repeatable to a maximum of 9 cr hrs or 3 completions. Cross-listed in CRPlan, Arch and LArch.

2 credit hours

CRPLAN 5200: METROPOLITAN AND REGIONAL PLANNING

Hanlon

Cities and towns are becoming increasingly dependent on each other. Progressive approaches to regional planning directly influence the economy and quality of life.

Prereq: Sr or Grad standing.

3 credit hours

CRPLAN 5300: AIRPORT PLANNING, DESIGN AND DEVELOPMENT

Young

A comprehensive study of airport planning, design and development, the role of the airport and its components as part of the overall air transportation system, the issues related to the planning, design, and development of the airport and its system.

Prereq: Aviatn 3000. Cross-listed in Aviatn and CivilEn.

3 credit hours
CRPLAN 5400: PLANNING FOR HOUSING
Hanlon

Housing - including its uses, meaning, design, and role. The creation of a range of housing to support growth and revitalization of cities and regions. History of federal state and local policy and their interaction in metropolitan regions. Emphasis on housing affordability and housing's multiple roles as home, investment, and social support.

Prereq: Not open to students with credit for PubAfrs 5400. Cross-listed in PubAfrs.

3 credit hours

CRPLAN 5880: INTERDEPARTMENTAL SEMINAR
Boswell

Title: NO/LEX Seminar

Intention: The seminar will provide a forum through which CRP students can engage with the questions posed by the NO/LEX (New Orleans Land Exchange) proposal. These are: urban vacancy, definitions of property and land tenure, land expropriation, ecosystem service exchange markets, stakeholder negotiation, and negotiation simulation. The seminar will bring together students in planning with overlapping MLA students already enrolled in LArch 7940.

Course Goals: the goal of the seminar is to engage students in the production of the NO/LEX negotiation simulation and associated visual lexicon of land use types. Students will actively write, participate in, and provide feedback on a series of test simulations. By the end of the semester students will have helped to better articulate and refine NO/LEX and will have a strong familiarity with the variety of assumptions, considerations, models, and precedents that undergird the proposal. Further, students will have engaged in a series of simulated negotiations and will have helped to refine the lexicon of land use types.

Method: The seminar will facilitate a series of external speakers. Each speaker will present on a particular area or aspect relative to the proposal. We expect to be able to host 5-6 different speakers who will engage the students in both a short lecture and a workshop. Other class periods will be devoted to developing and simulating negotiations as envisioned by the NO/LEX proposal.

Potential Speakers:
- Terry Schwartz – Cleveland Urban Design Collaborative – Vacant land reuse.
- Todd BenDor (UNC Chapel Hill) and/or Becca Madsen (EPRI) – Ecosystem Services Stacking.
- Jennie Miller – Andrews Kurth LLP – Expropriation and Louisiana’s response to Kelo.
- Elizabeth Mossop – Vacant land management strategies in New Orleans.
• Brad Cantrell – Simulation strategies in Landscape.
• Someone from Youngstown TBD.
• Todd Schenk – (MIT) PhD Candidate and expert on the development and use of negotiation simulations in complex environmental policy settings.
• Andrea Galinski – Louisiana Coastal Protection and Restoration Authority.

Open to Open to graduates and upper level undergraduates.

2 credit hours

CRPLAN 5890: WORKSHOP IN CITY AND REGIONAL PLANNING

Evans-Cowley

Title: TechniCity

We are part of the ‘TechniCity’. The increasing availability of networks, sensors and mobile technologies allows for new approaches to address the challenges that our cities face. The way we understand cities is undergoing sweeping transformation, right along with the analytical tools we use to design our cities and the communication tools we use to engage people. Absorbing, studying and understanding the role of technology from a critical viewpoint allows us to generate creative ideas for improving our cities. This is a completely online course where you will be engaging from students from across the globe. See coursera.org/course/techcity for more details. You must enroll through OSU to receive course credit.

2nd Session course - distance learning

3 credit hours

CRPLAN 5890: WORKSHOP IN CITY AND REGIONAL PLANNING

Instructor: Leonardo Vazquez

Title: Local Economic Development

Every local planning decision has economic implications, making local economic development an essential area for planners. In this class, students learn the various ways communities enhance standards of living and increase economic opportunities. Students will:

• explore economic theories used for decision-making;
• understand the practice of economic development;
• learn research and analytical skills for practice;
• and explore strategies for economic development.
Issues of national and international economic development are the context for this course’s focuses on economic development methods that cities, regions and states use in the United States.

Open to graduate students only.

3 credit hours

CRPLAN 6080: ADVANCED GIS FOR PROFESSIONAL PLANNING PRACTICE

Cartwright

Applied GIS, hands-on training for the use of ArcGIS in research and analysis. Discussion and lab topics include; Community Viz, Network Analysts, ArcScene, Raster analysis, Suitability, etc.

Learn advanced techniques and programs with GIS (Community Viz, 3d analysis/simulation and City Engine). Focus on how GIS is used to better communicate to the public both in visualization and as a dynamic tool for interaction.

Prereq: 5001 and Grad standing, or permission of the instructor.

4 credit hours

CRPLAN 6350: THE SOCIALLY JUST CITY

Kleit

Poverty reduction, access to public services and improving quality of life are goals to achieving the socially just city.

Prereq: Grad standing, or permission of instructor. Not open to students with credit for 3500.

3 credit hours

CRPLAN 6420: INFRASTRUCTURE PLANNING

Instructor: Wayne Carlson

Infrastructure development plans address the planning, budgeting and programming challenges of making cities run. This is a distance learning course.

3 credit hours
CRPLAN 6430: URBAN DESIGN

Leasure

Vibrant cities contribute to quality of life, through urban design and urban form. Site analysis, context sensitive design and impacts of design choices are explored.

3 credit hours

CRPLAN 6460: REAL ESTATE FINANCE FOR PLANNERS

Instructor: Matt Wetli

Realize plans by understanding the financial mechanisms to fund projects. Explore how public-private partnerships create opportunities for affordable housing, downtown revitalization, and neighborhood improvement.

This course is a hybrid course: it will meet in person on three dates; the rest will be online.

3 credit hours

CRPLAN 6620: PROJECT MANAGEMENT IN THE PUBLIC SECTOR

Instructor: James Morris

Public officials recognize the importance of project management in organization success. Management of complex, high-risk, high-visibility public projects is examined.

Prereq: Cross-listed in PubAfrs 7555.

3 credit hours

CRPLAN 6810: NON-MOTORIZED TRANSPORTATION PLANNING

Akar

Safely design a non-motorized transportation network that accommodates all users. Using effective planning strategies to create transportation master plans for pedestrian and bicycle networks.

3 credit hours

CRPLAN 6890: WORKSHOP IN CITY AND REGIONAL PLANNING
van Maasakkers

Title: Sustainability, Measurement and Power

Indicators drive decisions and inform action. This workshop introduces students to the history, theory and practice of measuring sustainability, with a focus on the metropolitan environment. Students will come to understand the relationship between sustainability, measurement and governance, analyzing and comparing specific indicators within their institutional, political and social contexts. How do communities, experts and organizations use and develop indicators, and how do they drive action and decision-making? The course is intended for students with an interest in sustainability in the urban environment, whether they intend to engage with these issues from a private, public or non-profit perspective.

3 credit hours

CRPLAN 6890: WORKSHOP IN CITY AND REGIONAL PLANNING

Instructor: Leonardo Vazquez

Title: Building Community Capacity Workshop

No matter how good a plan is, it will not be implemented if clients lack to capacity to move from ideas to action. This course will help students diagnose and address capacity issues. In so doing, students will have an added dimension to their practice that many professional planners, architects and other placemakers lack. Students who succeed in this course are more likely to see the plans they develop become reality.

By the end of this course, students will develop their own capacity to:

- Understand the different types of capital that can be mobilized to achieve placemaking goals
- Diagnose strengths and limitations of clients and communities
- Develop strategies to strengthen their clients’ capacity

This is a distance learning course.

3 credit hours

CRPLAN 6950: TRANSPORTATION STUDIO

Sudy

Automated vehicles were, until recently, more of a fantasy than a real possibility. But with the heavy investment and experimentation of Google, Volkswagen, BMW, Daimler AG, and many others companies globally, vehicles with some automated technologies are entering the market, and test self-driving automated vehicles have now logged miles on US roadways. Legislators have begun to enact the first laws reacting to this evolving technology. In May of 2013, the National Highway Traffic Safety Administration released a Preliminary Statement of Policy Concerning Automated Vehicles that begins:
“America is at a historic turning point for automotive travel. Motor vehicles and drivers’ relationships with them are likely to change significantly in the next ten to twenty years, perhaps more than they have changed in the last one hundred years. Recent and continuing advances in automotive technology and current research on and testing of exciting vehicle innovations have created completely new possibilities for improving highway safety, increasing environmental benefits, expanding mobility, and creating new economic opportunities for jobs and investment. The United States in on the threshold of a period of dramatic change in the capabilities of, and expectation for, the vehicles we drive. In fact, many are inspired by the vision that the vehicles will do the driving for us.”

This transportation studio will investigate the potential impacts of automated vehicles on Columbus and the Central Ohio region. Through a collaborative process, the class will determine the specific focus areas of study, the investigative process, and the work products and outcomes. Areas of study might include:

- Urban design impacts on high-use districts / traditional town centers, and redevelopment corridors.
- Potential zoning and policy changes needed for city codes and comprehensive/neighborhood plans.
- Regional transportation network impacts.
- Public transportation impacts.

6 credit hours

**CRPLAN 7131: CREATIVE PLACEMAKING II: BUILDING CAPACITY, MAKING SPACE AND MARKETING**

Instructor: Leonardo Vazquez

Second in a sequence of two courses that train students to understand how to effectively and efficiently integrate community development, economic development and cultural development.

**Prereq: 7130, or permission of instructor.**

3 credit hours

**CRPLAN 7132: CREATIVE PLACEMAKING STUDIO**

Studio capstone course for creative placemaking certification.

**Prereq: 7130 and 7131, or permission of instructor.**

1 credit hour