

Number & Title of Course:

ARC 6398, Introduction to Urban and Community Design, 3 cr hrs

Course Description:

This course introduces students to the discipline of urban and community design. It focuses on the physical form, character, function, sustainability and livability of urban, suburban and community contexts.

Course Goals & Objectives (list):

- Introduce students to the discipline of urban design and design at the scale of urbanism
- Provide students with a primer on urban design prior to taking the urban design studio
- Help students understand the complexities of urban contexts and the role of designers play in influencing it
- Help students learn how to read and interpret the design structure of aggregate conditions in cities, towns and suburbs; Inform students of the integrated nature of the discipline as it creates relationships between architecture, landscape architecture, urban planning, real estate development; Help students understand the various dimensions of urban and community design and how they affect the human experience

Student Performance Criterion/a addressed (list number and title):

A.6 Use of Precedents; A.8 Cultural diversity; D.1 Stakeholder Roles in Architecture

Topical Outline (include percentage of time in course spent in each subject area):

- Introduction to the discipline – 1 class period / Origins and history of urban form – 2 class periods
- Evolution of urban form and stages of urban growth / Emergence of urban design and architecture - 2 class ea
- Multiple scales of urbanism and urban design interventions – 1 class period
- Three-dimensional urban form, spatial patterns and morphology – 2 class periods
- Visualizing, understanding and calculating density – 2 classes / Building types in urban and community design- 1
- Urban infrastructure/systems – 1 class period / Streets, open spaces and the public realm – 2 class periods
- The grid - urban order, ordering systems and the 1785 National Land Ordinance - 2 class periods
- Urban neighborhoods and residential districts – 1 class period
- The social dimensions of urban design / Visual order and perceptual dimensions of urban design – 1 class period
- The functional dimensions of urban design / Political and economic influences - built environment – 1 class ea
- Regulatory influences on urban form – 1 class period / Major themes in contemporary urbanism – 2 class period

Prerequisites:

None

Textbooks/Learning Resources:

History of Urban Form: Before the Industrial Revolution, Morris, A.E.J., 2011 Routledge, 1992, 3rd ed.

Companion to Urban Design, Birch, Eugenie L., Routledge Press, 2011

Public Places – Urban Spaces, 2nd ed., Carmona, Matthew, et. al., Architectural Press, 2010

The Urban Design Reader, 2nd ed., Larice, Michael, Macdonald, Elizabeth, Routledge, New York, NY, 2013

Urban Design, Krieger, Alex, Saunders, William, University of Minnesota Press, 2009

Offered (semester and year):

Fall semester – every year

Faculty assigned:

Theodore Trent Green