

Columbia University GSAPP | PLAN A4320 Urban Design for Planners

Spring 2018: Thursdays 11:00 AM - 1:00 PM, 200N Fayerweather

Instructor: Adj. Asso. Professor Justin G. Moore, AICP, LEED AP; Teaching Assistant: TBD

Guest Critics: Natasha Trice - OMA New York, and Rebecca Macklis - NYC PDC

SYNOPSIS

This course is an introduction to urban design through weekly discussions and design workshops. The discussions focus on the analysis of urban forms, spaces, landscapes, and systems through presentations and case studies. The workshops develop a project-based exchange and application of the interdisciplinary ideas and techniques – from art and architecture to landscape architecture and environmental engineering – that designers use in developing projects in the urban context. This work will use a site in the greater New York Hudson Valley region as a context for exploring the complex interactions between users, program, buildings, public spaces, infrastructure, and environmental systems in the definition and performance of urban spaces and landscapes.

STRUCTURE

Meeting Times:

The course is scheduled from 11:00 AM to 1:00 PM on Thursdays. The class time will be used for both discussion and workshop sessions. This structure of the course is more analogous to a studio than a lecture with significant portion of the class time used for individual project feedback and presentations. Consequently, the course enrollment will be limited to 15 students; second year planning students will be given priority for the course. In addition, tutorial sessions for basic 3D modeling will occur outside of regular class time in February (dates/times TBD). These tutorials are required for all students in the course except those that demonstrate facility with 3D modeling and other graphics programs.

Guest Critics:

Urban design is an inherently collaborative discipline; complex projects often require consultation from experts with a range of backgrounds, interests, and experience. The UD Workshop will be supplemented by a number of guest critics, all designers who

have worked in an urban planning context with a range of expertise and processes from metropolitan-scale planning and policy to site and project-specific detailed design, construction and implementation.

SITES

The design workshop will generally focus on a community in the greater New York region. The selected location(s) to choose from will be introduced on the first day of class. Students can work individually or in groups of two or three based on their site selections. Students will be expected to visit their site multiple times over the course of the semester for their site research and analysis and to inform the development of a site-specific design proposal.

SCHEDULE

D = Discussion

W= Workshop

T = Tutorial, TBC

January 18: Introduction

D: Introductory discussion – site/context, program, systems, scale, practice, etc. of urban design

Site Presentation – overview of site history, context and recent efforts

*Case Studies + Site Analysis Assigned**

**Students are to email me their case study selections at jgm35@columbia.edu by 10 a.m. Thursday, February 2nd.*

January 25: Urban Site | NO REGULAR CLASS | Site Visit Day/Time To Be Scheduled

Send by email January 29th for feedback: Urban Site Analysis – 10-layer diagram + 10 slide background of site systems, influences

February 1: Urban Issues

D: Opportunities & Constraints – site analysis diagram(s) + montage image(s), Touch base on case studies

February 8: Urban Systems

D (11a-12:45p): Case Study Presentations: ‘National/International/Historical examples’

W (12:45p-1p): Programming Discussion – who, what, when, where, why, how

February 15: Urban Design Interventions

D (11a-12p): Consultant Presentation: Rebecca Macklis, Natasha Trice

W (12p-1p): Intervention

- revised montage image(s) – addressing who, what, when, where, why, how
- site plan sketches

T (TBD week of 2/16): 3D Modeling in SketchUp Session

February 22: Urban Design Interventions

D (11a-11:30a): Lecture

W (11:30a-1p): Working session – intervention development

- 3D using SketchUp Massing at system/site scale
- site plan/section

T (TBD week of 2/23): 3D Modeling in SketchUp Session

March 1: Developing Design Narratives

W: Working session – vision development

- 3D using SketchUp massing & detail at site scale
- Photomontage & narrative

March 8: Interim Project Review

D: Project Review

March 15: Spring Recess NO CLASS

March 22: Urban Fabric

D (11a-12:45p): Case Study Presentations: 'New York City examples'

W (12:45p-1p): Touch base on project visions

March 29: Urban Design Development

W: Massing at block scale + Detailing

April 5: Urban Design Development

D/W: Presentation or Site Visit: TBD

April 12: Urban Design Development

W: Goals & Vision Resolution

April 19: Urban Design Development

W: Final Presentation Storyboard

April 26: Final Project Review

W: Final Presentation Development

May 3: Final Project Review

D: Project Review

EVALUATION

Grades are based on a weighted average of the required course deliverables. Each student/group will be responsible for developing over the course of the term two projects: a case study and a design project. The urban design case study is a research and analysis of a selection of urban design projects that are presented to the class as a PowerPoint presentation and a 200-300 word handout. The design project is developed throughout the term as a cumulative series of exercises that progressively develop a design-scale urban intervention proposal. These assignments will be formally graded twice during the semester at the interim and final reviews, but regular informal project feedback will be given throughout the term. Attendance and active participation in class discussions is also considered in the final grade.

10% Class Participation/Attendance

10% Case Study: National/International/Historical Urban Design

- 400 seconds PDF Presentation – 20 slides, 20 seconds each
- One page text (refer to PowerPoint slides/images)

10% Case Study: New York Urban Design

- 400 seconds PDF Presentation – 20 slides, 20 seconds each
- One page text (refer to PowerPoint slides/images)

30% Interim Design Project: Urban Design | System + Block

- 7 minute PDF Presentation – 25 slides max. (15 minutes, 30 slides max for groups)
 - Up to 15 slides of project research/analysis
 - 5+ slides of design
- One page text (who, what, when, where, why, how) + montage image
- Multi-scalar Urban/Site Plan (8.5x11 color)

40% Final Design Project: Urban Design | System + Block + Building/Landscape + Experience

- 7 minute PowerPoint Presentation – 25 slides max. (15 minutes, 30 slides max for groups)
 - Up to 15 slides of project research/analysis
 - 10+ slides of design (same as 11x17 package)
- 10-page drawing package (11x17 color)
 - Urban Plan
 - Programming/Timeframe Diagrams
 - Site Plan at Grade
 - Project Section + Elevation
 - Urban Form Study
 - Space Study
 - Detail Study
 - Experience Study
 - 3D Bird's Eye View (Money Shot 1)
 - 3D Pedestrian View (Money Shot 2)
- *Revised* one page text (who, what, when, where, why, how) + montage image