

COURSE OVERVIEW

As the world's urban population grows towards six and a half billion by 2050, cities all over the world are producing residential super-blocks to address new urban housing demands. But is this model applicable regardless of their environmental, social, political and economic differences? This seminar will provide an opportunity to understand how planning code regulations - specifically residential codes - can shape the functioning of future neighborhoods in our rapidly urbanizing age. In this course students will explore the world, learn about different planning models and have a chance to develop their own ideas of how to better address challenges facing cities today. This seminar offers a multi-disciplinary approach to the course that gives students from different related fields, such as architecture, urban design, planning and real estate, the opportunity to collaborate and holistically as they think about the complex planning challenges ahead in our urban future.

COURSE ORGANIZATION & ASSIGNMENTS

In this seminar students will be regularly reading, researching, and presenting their own ideas to the class, both individually and in teams. With the readings, students will be asked to submit short reading reflections (three or more questions) in advance of class to inspire class discussion. There will be two project submissions. The first project is to document an existing notable zoning system from a selected residential neighborhood (cases include districts in Shanghai, Hong Kong, Singapore, Tokyo, Amsterdam, Barcelona, Vancouver, New York City, and Rio de Janeiro). For their second project, students will have an opportunity to reflect on what they have learned and propose their own zoning system for a hypothetical site. Students will be expected to do the readings, research, and to participate actively in class to present their work and ideas both in teams and as individuals.

COURSE GRADING

- 30% Team case study report
- 30% Final project report
- 30% Reading reflections
- 10% Class participation

SCHEDULE SUMMARY



Date	Class	Class Topics	Assi
16-Jan	1	SEMINAR INTRODUCTION & HOMETOWN DISCUSSION	Submit Hometo
23-Jan	2	OVERVIEW OF NYC RESIDENTIAL ZONING [Guest Speaker from NYCDP]	Readings & refle Start case study Schedule Office
30-Jan	3	OVERVIEW OF CHINA RESIDENTIAL ZONING	Readings & refle Work on Case S
6-Feb	4	PRESENTATIONS & DISCUSSION: CASE STUDY	Submit Case Stu Prepare Case St
13-Feb	5	OTHER CONTEMPORARY PLANNING MODELS: ECO & FORM BASED ZONING SYSTEMS	Readings & Refl Start final proje Schedule Office
20-Feb	6	ALTERNATIVE ZONING APPROACHES [Guest Speaker]	Readings & refle Work on final p
27-Feb	7	PRESENTATIONS & DISCUSSION: FINAL PROJECT	Submit Final Pro Prepare Final Pr

*** Assignments are due by 9**

*** ASSIGNMENT INSTRUCTIONS ***

Make sure to click on the ASSIGNMENT LINKS in the syllabus to get the most up-to-date assignments posted in CourseWorks. (The following syllabus is only a general outline of the lectures and assignments.)

Readings & Reflections (to be done individually):

- Do all the required readings and if time allows take a look at the optional readings in CourseWorks.
- Reflect on the required readings and write up at least three comments or questions you have based on the readings to contribute to class discussion.
- Submit your reflections on-line through CourseWorks and hand in a printed copy at class.

Project Report and Presentations (to be done in teams):

- Use the required project templates which will be provided in Courseworks/Files

Submission requirements for all assignments (including project reports and presentations):

- Include the date and your name(s) at the top of the front page
- Submit the **hardcopy** of all your assignments **at the start of class.**

- Submit the **digital version** of all your assignments **on-line by 9PM the night before class**. Use the following format for on-line submissions:

Last name_First name - assignment_## – 2017####

(your name - assignment_# - due date as yearmonthday).

For example: Dunham_Kate - assignment_02 - 20180123.pdf

*** SYLLABUS & ASSIGNMENTS SUMMARY ***

CLASS 1

Tue 1/16

COURSE INTRODUCTION & HOMETOWN DISCUSSION

ASSIGNMENT FOR CLASS 1:

HOMETOWN INTRODUCTION [[assignment-01](#)]

Submit one ppt slide of your hometown neighborhood to be shared in class as part of your introduction. Please use the powerpoint “*HOMETOWN - template - 2018.ppt*” provided in the CourseWorks/Files folder for [assignment 01 folder \(Links to an external site.\)](#) Links to the instructor if you have any questions.

CLASS 2

Tue 1/23

OVERVIEW OF NYC RESIDENTIAL ZONING (Guest Lecturer)

ASSIGNMENT FOR CLASS 2:

1) READINGS & REFLECTIONS [[assignment-02](#)]

- Talen, Emily: *City Rules*. Chapters 2-5.
- Review the *What is Zoning guidebook* by C.U.P.
- NYC Department of City Planning (DCP) *Zoning Handbook*. Chapters 1-4 & 11.
- Familiarize yourself with the NYCDCP zoning website: <http://www.nyc.gov/html/dcp/html/subcats/zoning.shtml> ([Links to an external site.](#))
- See OPTIONAL READINGS in CourseWorks

CLASS 3

Tue 1/30

OVERVIEW OF CHINA RESIDENTIAL ZONING

ASSIGNMENT FOR CLASS 3:

1) READINGS & REFLECTIONS [\[assignment-03\]](#)

- den Hartog: *Shanghai New Towns*, pp. 305-320 Fujita on “danweis”.
- den Hartog: *Shanghai New Towns*, pp. 369-392 den Hartog on Community Identity
- Lu, Rowe, Jie: *Modern Urban Housing in China*, Conclusion pp. 283-296.
- World Bank: *Urban China*. pp. 43-48 Optimizing Urban Land Use
- Xue: *Building Practice in China*, Chapter 4 Planning Procedure.
- Xue: *Building Practice in China*, Chapter 8 Regulations.
- See OPTIONAL READINGS in CourseWorks

2) START CASE STUDY RESEARCH [\[assignment-04 CASE STUDY\]](#)

As soon as you have been assigned to your case study team you can start your research.

3) **OFFICE HOURS required.** Set up a time with the instructor to review your case study. Not everyone from the team needs to attend.

CLASS 4

Tue 2/6

PRESENTATIONS & DISCUSSION: CASE STUDY PROJECT

ASSIGNMENT FOR CLASS 4: [\[assignment-04 CASE STUDY\]](#)

- 1) COMPLETE AND SUBMIT FINAL CASE STUDY REPORT (team)
- 2) PREPARE BRIEF PRESENTATION (team)

CLASS 5

Tue 2/12

CONTEMPORARY PLANNING MODELS

ASSIGNMENT FOR CLASS 5:

1) READINGS & REFLECTIONS [\[assignment-05\]](#)

Multiple readings covering:

- Form-based zoning and
- Sustainability-driven zoning.
- See OPTIONAL READINGS in CourseWorks

2) START FINAL PROJECT [\[assignment-07 FINAL PROJECT\]](#)

As soon as your team is confirmed you can start work on your final project.

3) **OFFICE HOURS** strongly encouraged

CLASS 6 **ALTERNATIVE BOTTOM UP PLANNING APPROACHES** (Guest Lecturer)

Tue 2/19

ASSIGNMENT FOR CLASS 6:

1) READINGS & REFLECTIONS [[assignment-06](#)]

- Alexander, Christopher. *Notes on the Synthesis of Form*. MIT Press, (Chapters 2 and 3)
- Kwartler, “Daylighting as a Zoning Device for Midtown,” *Energy and Buildings*
- Kwartler, “Housing Quality Program Puts Human Scale in Residential Zoning,” *Planning*
- Kwartler, “Regulating the Good You Can’t Think Of,” *Urban Design International*
- Lynch, Kevin. *Image of the City*. MIT Press, Chapter 1
- See OPTIONAL READINGS in CourseWorks

2) WORK ON FINAL PROJECT [[assignment-07 FINAL PROJECT](#)]

CLASS 7 **PRESENTATIONS & DISCUSSION: FINAL PROJECT**

Tue 2/26

ASSIGNMENT FOR CLASS 7 [[assignment-07 FINAL PROJECT](#)]

1) COMPLETE AND SUBMIT FINAL PROJECT REPORT (team)

2) PREPARE BRIEF PRESENTATION (team)