

# PLANNING & DESIGN I

URP6871

3 Credit Hours

FALL 2022

## INSTRUCTOR

Huiqing 'Hui' Kuang, PLA  
Instructional Assistant Professor,  
School of Landscape Architecture and Planning  
Room 430 Architecture Building,  
hkuang@ufl.edu

## OFFICE HOURS

- Campus: 11-12pm, Thursday
- Online: by appointment

## COURSE WEBSITE:

All material will be posted on the Canvas, eLearning website. The Canvas could be accessed at: <https://elearning.ufl.edu>. For any assistance with eLearning website, contact UF Computing Help Desk (<http://helpdesk.ufl.edu/>).

## COURSE COMMUNICATIONS:

- Campus: in class, office hours, email communication through the Canvas.
- Online: office hours (by appointment), email communication through the Canvas.

*All email communication should be through the Canvas. Use UF email address only if you have an emergency and/or are unable to access the Canvas email.*

## REQUIRED TEXT:

- (a) Carmona, M., Heath, T., Oc, T., & Tiesdell, S. (2010). *Public places urban spaces: The dimensions of urban design* (2nd ed.) Elsevier Science.

## ***Additional References (Optional, but several references will be used for assignments.)***

- (b) Alexander, C., Ishikawa, S., & Silverstein, M. (1977). *A pattern language: Towns, buildings, construction*. New York: Oxford University Press.
- (c) Antoniades, A. C. (1980). *Architecture and allied design: An environmental design perspective*. Dubuque, Iowa: Kendall/Hunt Pub. Co.
- (d) Bacon, E. N. (1976). *Design of cities* (Rev. 6th ed.). New York: Penguin Books.
- (e) Barnett, J. (1982). *An introduction to urban design* (1st ed. ed.). New York: Harper & Row.
- (f) Collins, G. R. (1986). *Camillo sitte : The birth of modern city planning*. New York: Rizzoli.
- (g) Cullen, G. (1971). *The concise townscape*. New York: Van Nostrand Reinhold Co.
- (h) Gehl, J. (1987). *Life between buildings: Using public space*. New York: Van Nostrand Reinhold.
- (i) Gehl, J. (2010). *Cities for people*. Washington, DC: Island Press.
- (j) Jacobs, A. B. (1993). *Great streets*. Cambridge, Mass: MIT Press.
- (k) Jacobs, J. (1961). *The Death and Life of Great American Cities*. New York: Random House.
- (l) Kostof, S. (1991). *The city shaped: Urban patterns and meanings through history* (1st North American ed. ed.). Boston: Little, Brown.

- (j) Lynch, K. (1960). *The image of the city*. Cambridge Mass: Technology Press.
- (k) Lynch, K. (1971). *Site Planning* (2nd paperback ed. ed.). Cambridge, Mass: MIT Press.
- (l) Lynch, K. (1984). *Good city form* (1st paperback ed. ed.). Cambridge, Mass: MIT Press.
- (m) Madanipour, A. (1996). *Design of urban space: An inquiry into a socio-spatial process*. Chichester ; New York: Wiley.
- (n) Project for Public Spaces. (2000). *How to turn a place around: A handbook for creating successful public spaces*. New York, NY: Project for Public Spaces.
- (o) Trancik, R. (1986). *Finding lost space: Theories of urban design* John Wiley and Sons.
- (p) Whyte, W. H. (1980). *The social life of small urban spaces*. Washington, D.C: Conservation Foundation.
- (q) Lorraine Farrelly (2011). *Drawing for Urban Design*. Laurence King Publishing Ltd
- (r) Laurie Olin (2008), OLIN: Placemaking. The Monacelli Press
  
- (s) Pope, A. (1974). "Cities for people"-video
- (t) Bacon, E. (1983). "Understanding cities" Instructional videos on Rome, Paris, London, US-video
- (u) Whyte, W (1988). "The social life of small urban spaces: a film" -video

## ADDITIONAL RESOURCES

### **Computer and Software**

Students are required to have a computer. The following software expected to be used in this class for presentation and visualization needs.

- SketchUp Make (free version, not pro version): Downloads for free at <http://www.sketchup.com/download/all>
- Gimp (for image/ photo editing): Downloads for free at <http://www.gimp.org/>
- Microsoft Office (Word, Powerpoint): Downloads for free at <http://www.it.ufl.edu/gatorcloud/free-office-365-downloads/>
- ArcGIS Desktop Request a Student Copy at [http://www.geoplan.ufl.edu/software/student\\_license.php](http://www.geoplan.ufl.edu/software/student_license.php)

Above software are also available in UF Apps (<https://apps.ufl.edu>). For any assistance with UF Apps, contact UF Computing Help Desk (<http://helpdesk.ufl.edu/>).

### **Web Resources**

UF Libraries and Labs (links and web addresses to facilitate your access)

- University of Florida (Library homepage): <http://cms.uflib.ufl.edu/>
- VPN connection (Off campus access): <https://connect.ufl.edu/it/wiki/Pages/glvpn.aspx>

ArcGIS Desktop

- Getting started: <https://desktop.arcgis.com/en/arcmap/latest/get-started/main/get-started-with-arcmap.htm>

SketchUp

- SketchUp: <http://www.sketchup.com/>
- SketchUp Resources: <http://www.sketchupschool.com/>

## COURSE DESCRIPTION:

The course covers several dimensions of city design which define and characterize the urban environments in which we live, work, and play. Students' success in understanding these concepts will be gained through research assignments, presentations, and a final design project.

The course will be divided into two parts: The first half of the semester will cover the principles of city design through lectures, guest speakers, and visual and graphic media instruction, supplemented by individual and collaborative team assignments and presentations focusing on design principles discussed during the weekly lectures. Additionally, videos and other multi-media aides will be used to instruct the historical aspects of city planning and design, teach practical applications for creating, using, and presenting plans and designs, and introduce students to various factors that drive the development and design of cities. The second half of the semester will consist of a final design project. Students will analyze an urban site and develop design intervention strategies by applying the principles learned throughout the semester.

**PREREQUISITE KNOWLEDGE AND SKILLS:** None

### **PURPOSE OF COURSE**

The purpose of the course is to introduce students to the theoretical principles that constitute the physical planning and design of cities. Students will gain a strong understanding of how cities are composed and organized based on their physical and non-physical attributes. Students will learn how to analyze urban environments utilizing common design principles that express the way individuals perceive, visualize, and navigate urban landscapes. In addition to the theoretical components of the course, graphic communication methods will be introduced to help students further comprehend, evaluate, and communicate concepts and ideas about the planning and design of cities more effectively.

### **COURSE GOALS AND/OR OBJECTIVES**

By the end of this course, students will:

- Learn how to effectively analyze the various components that formulate cities – past, present, and future – by examining the physical organization and visual elements as they apply to various scales.
- Demonstrate research and critical thinking skills reflecting comprehension with regard to the use of various dimensions and aspects for urban and regional planning.
- Apply knowledge of urban design theories, historical and contemporary data, organizational and institutional data, and policy and processes relevant to urban and regional planning.
- Discuss cultural sensitivity, teamwork, professional conduct and the importance of developing communication skills regarding presentations and final design project.

### **HOW THIS COURSE RELATES TO THE STUDENT LEARNING OUTCOMES IN THE DEPARTMENT OF URBAN AND REGIONAL PLANNING:**

Students taking this course will develop practical presentation skills necessary for support of research and professional practice through lectures, reading assignments, essays, presentation assignments/oral presentation, and a final design project/presentation. Each student's work will be reviewed based upon the department's student learning outcomes as those relate to urban design theories.

### **TEACHING PHILOSOPHY**

I expect all graduate students should be able to accomplish the basic requirements for the course and attain a minimum "B" grade. I will not hesitate to mark lower when a student does not meet that expectation and adequately

display an understanding of the materials presented. In order to attain an “A” grade requires performance that displays quality work, depth of knowledge, and the ability to synthesize of ideas into actions or solutions. I will be happy to meet individually with any student during office hours or by appointment for additional discussion on concepts, techniques, or methodology presented in this course.

## **INSTRUCTIONAL METHODS**

The course objectives will be achieved through lectures, visual media/essay assignments, readings, and class presentations as well as class discussions. All assignments, including the final project will have a weight in the final grade. Submitted assignments are required to meet scheduled deadlines and delivery dates. The evaluation and grading of assignments will include willingness to conduct effective and meaningful research, exploration of design options and alternatives, development and depth of visualization methods and techniques, and the capacity to work independently.

## **COURSE POLICIES**

### **ATTENDANCE POLICY:**

Class attendance is mandatory and should be respected. It’s understandable that students may have to miss the class occasionally for various good reasons. In such cases, students must contact the instructor prior to the class to be excused from attendance. While in class, playing an active role during lectures and class discussions is encouraged.

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies. Consult relevant graduate or undergraduate catalog respectively at <http://gradcatalog.ufl.edu/content.php?catoid=11&navoid=2486#attendance> or <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

**MAKE-UP POLICY:** Student’s with a valid reason will be allowed to present or submit assignments late. Students must present on the appointed time and must submit the assignments at the appointed time or a grade deduction will be enforced.

## **UF POLICIES**

### **University Policy on Accommodating Students with Disabilities**

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center. [Click here to get started with the Disability Resource Center](#). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

### **The university’s honesty policy**

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code specifies a number of behaviors that are in violation of this code and the possible

sanctions. [Click here to read the Honor Code](#). Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

### Netiquette: Communication Courtesy

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. Please see <http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf>.

## GETTING HELP:

For issues with technical difficulties for the Canvas, please contact the UF Help Desk at:

- <http://helpdesk.ufl.edu/>
- [helpdesk@ufl.edu](mailto:helpdesk@ufl.edu)
- (352) 392-HELP (4357) - select option 2

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from helpdesk when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

### Health and Wellness

If you are experiencing COVID-19 symptoms ([Click here for guidance from the CDC on symptoms of coronavirus](#)), please use the UF Health screening system and follow the instructions on whether you are able to attend class. [Click here for UF Health guidance on what to do if you have been exposed to or are experiencing Covid-19 symptoms](#).

Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work. [Find more information in the university attendance policies](#).

- *U Matter, We Care*: If you or someone you know is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu), 352-392-1575, or visit [U Matter, We Care website](#) to refer or report a concern and a team member will reach out to the student in distress.
- *Counseling and Wellness Center*: [Visit the Counseling and Wellness Center website](#) or call 352-392-1575 for information on crisis services as well as non-crisis services.
- *Student Health Care Center*: Call 352-392-1161 for 24/7 information to help you find the care you need, or [visit the Student Health Care Center website](#).
- *University Police Department*: [Visit UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).
- *UF Health Shands Emergency Room / Trauma Center*: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road,
- Gainesville, FL 32608; [Visit the UF Health Emergency Room and Trauma Center website](#).

### Academic Resources

- [Career Connections Center](#): Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.
- [Library Support](#): Various ways to receive assistance with respect to using the libraries or finding resources.

- [Teaching Center](#): Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.
- [Writing Studio](#): 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.
- *Student Complaints On-Campus*: [Visit the Student Honor Code and Student Conduct Code webpage for more information](#).
- *On-Line Students Complaints*: [View the Distance Learning Student Complaint Process](#).

## GRADING POLICIES

### University of Florida Grading Scale

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E	WF	I	NG	S/U
Range	>93	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	63-66	60-62	<60				
Grade Point	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	.67	0	0	0	0	0

#### Non-Punitive Grades (not counted in GPA)

W	Withdraw
U	Unsatisfactory
H	Deferred
N	No grade reported
I	Incomplete

#### Failing Grades (counted in GPA)

E	Failure
WF	Withdraw failing
NG	No grade reported
I	Incomplete

Grades will be determined from the assignments and final project presentation. Each *assignment and the final project will be graded in a scale of 0 to 100 and will be weighted as follows:*

- Presentation 1: 20%
- Presentation 2: 20%
- Presentation 3: 20%
- Final project Mid-review: 12.5%
- Final project: 20%
- (Total: 100%)
- Video1 summary: 2.5%
- Video2 summary: 2.5%
- Video3 summary: 2.5%

***Late Submissions:*** For assignments/project submitted late there will be a 10 points deduction for each day late for the first three days following the due date. The assignment will not be accepted after three days late and a grade of 0(zero) will be issued. Exceptions could be made for extraordinary circumstances consistent with university policies (See link under Attendance Policy above).

### Course Evaluation

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

## TENTATIVE COURSE SCHEDULE

Week	Topic	Assignment	
		Assigned	Due
01 08/25	<b>Module 1</b> Introduction to Urban Design	#1 Video1: Understanding cities	
02 09/01	<b>Module 2</b> Lecture: Morphological Dimension video 1 discussion Digital visualization workshop (FG map)	#2 Presentation1: Morphological #3 Video2: Cities for people	Video1 summary
03 09/08	<b>Module 3</b> Lecture: Perceptual Dimension video 2 discussion 3D visualization workshop (3D)	#4 Presentation2: Perceptual #5 Video3: Social life	Video2 summary
04 09/15	<b>Module 4</b> Lecture: Visual Dimension video 3 discussion 3D visualization workshop (3D)	#6 Presentation3: Visual	Video3 summary
05 09/22	<b>Module 5</b> Lecture: Social Dimension Presentation1 & Discussion		Presentation1: Morphological
06 09/29	<b>Module 6</b> Lecture: Functional Dimension Presentation2 & Discussion		Presentation2: Perceptual
07 10/06	<b>Module 7</b> Lecture: Temporal Dimension Presentation3 & Discussion		Presentation3: Visual
08 10/13	<b>Module 8</b> Final Project	Final project	
09 10/20	Final Project work & Review (1)		
10 10/27	No class (Hui in LAA2360 field trip)		
11 11/03	Final Project work & Review (2)		
12 11/10	Final Project work & MidReview (3)		
13 11/17	Final Project work & Review (4)		
14 11/24	No class (Thanksgiving)		
15 12/01	Final Project work & Review (5)		
12/06	Final project presentations		Final presentation