

## COURSE OUTLINE

### 1. GENERAL

<b>SCHOOL</b>	ENGINEERING		
<b>DEPARTMENT</b>	ARCHITECTURE		
<b>LEVEL OF COURSE</b>	UNDERGRADUATE		
<b>COURSE CODE</b>	ARC_E211	<b>SEMESTER OF STUDIES</b>	7 <sup>th</sup>
<b>COURSE TITLE</b>	SPECIAL TOPICS OF URBAN DESIGN I		
<b>INDEPENDENT TEACHING ACTIVITIES</b>		<b>TEACHING HOURS PER WEEK</b>	<b>ECTS CREDITS</b>
	Lectures, seminars	4 (lec. +sem.)	4
<b>COURSE TYPE</b>	Field of Science (Elective Course)		
<b>PREREQUISITE COURSES:</b>	NO		
<b>TEACHING AND ASSESSMENT LANGUAGE:</b>	Greek, English		
<b>THE COURSE IS OFFERED TO ERASMUS STUDENTS</b>	Yes (in English)		
<b>COURSE WEBPAGE (URL)</b>	<a href="https://eclass.upatras.gr/courses/ARCH424/">https://eclass.upatras.gr/courses/ARCH424/</a>		

### 2. LEARNING OUTCOMES

Learning outcomes
<p>Urban Design is often understood/witnessed/viewed as a concise architecture on a large scale. This misperception leads to designs of urban environments that fail to meet the criteria for urban design as well as architecture.</p> <p>The course «Urban Alphabet: Concepts and Morphology in Urban Design» aims at providing the appropriate/adequate conceptual and design assets for the better understanding of urban phenomenon, the parameters of its framework and a more comprehensive design of the urban landscape.</p> <p>It explores specific aspects of past and recent trends and methods that define contemporary urban design theory and practice.</p> <p>In a vocabulary format, the course</p> <ul style="list-style-type: none"> <li>- identifies and analyzes concepts and terms, and</li> <li>- documents and interprets main urban forms as they are found in design practice.</li> </ul> <p>It creates correlations between the scales of architecture, urban design and planning. It motivates students to:</p> <ul style="list-style-type: none"> <li>- indulge in the relation between design concepts and urban form,</li> <li>- understand the multi-level thematology of urban environments,</li> <li>- sharpen their critical thinking on public space issues</li> <li>- shape their own way of thinking in order to be able to make better, more conscious design choices.</li> </ul> <p>Students that select this course are asked to conduct a thorough research and write a paper on a concept discussed in class or of their interest. The selected urban concept and the research methodology are discussed in ‘face to face’ tutorials with the instructor. The research focuses in the</p>

analysis and evaluation of urban design projects with a concept-based criteria. Students are asked to understand/interpret the design works and projects in terms of (a) contemporary urban components, (b) their authors' theoretical approaches and design intentions and (c) their critical personal view.

After having successfully completed the course, students will:

- have acquired knowledge on city evolution,
- be able to identify and understand concepts and forms of urban phenomena,
- be able to define the social, economic and environmental aspects and impacts of urban transformations,
- be familiar to innovative intervention tactics and urban development/regeneration strategies.
- have an oversight of tools and methods for the comparative analysis and evaluation of urban typomorphological features and the skills to use them,
- have developed the ability to conduct a research on concept-based urban morphology, determine related criteria and create design guidelines for (re)designing urban space.

#### **General Abilities**

By the end of this course the student will, furthermore, have developed the following skills (general abilities):

- Search for, analyze and synthesize data and information, using the necessary technologies
- Decision-making
- Working independently
- Working in an international environment
- Developing new research ideas
- Respect for difference and multiculturalism
- Respect for the natural environment
- Exercise of criticism and self-criticism
- Production of free, creative and inductive thinking

### **3. COURSE CONTENT**

Lecture 1: "Urban Decline and Regeneration"  
 Lecture 2: "Urban Sustainability and Resilience"  
 Lecture 3: "The Generic City"  
 Lecture 4: "Linear City"  
 Lecture 5: "Collage City"  
 Seminar/Student presentations  
 Lecture 6: "Garden Cities"  
 Lecture 7: "New urbanism"  
 Lecture 8: "Utopian City"  
 Lecture 9: " Situationism and the City"  
 Lecture 10: "Landscape Urbanism"  
 Lecture 11: "Futurism and the City"  
 Students' final presentations and Discussion

### **4. TEACHING AND LEARNING METHODS - ASSESSMENT**

<b>TEACHING METHOD</b>	Lectures, Face to face tutorials and seminars.
<b>USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES</b>	Digital library of academic journals, books, and primary sources. Specialized architectural design software for drafting and modeling (in two and three dimensions) and digital image processing. Support learning through the e-class platform.

TEACHING ORGANIZATION	Activity	Work-load during semester
	Lectures	25
	Presentations and Discussions	10
	Seminars	15
	Bibliographic Research	10
	Introductory Exercises	15
	Final Project	25
	<b>Course Total (25hrs of work-load per ECTS unit)</b>	<b>100</b>
STUDENT ASSESSMENT	<p>I. Participation in the course (60%). Participation in class, seminars and tutorials throughout the semester with question and comments, as well as the consistency and progress of the work and the mid-term presentation.</p> <p>II. Final presentation (40%) and delivery of research paper with text, drawings, diagrammes, tables and digital audio-visual material. The work is assessed in terms of the originality of the subject, the completeness of the literature and analysis, the research methodology, the coherence in writing and the quality of the use of the means of representation.</p>	

## 5. RECOMMENDED LITERATURE

### Books:

- Αραβαντινός, Αθανάσιος Ι., *Πολεοδομικός Σχεδιασμός*, Athens : Symmetria, 2007.
- Γερόλυμπου, Αλεξάνδρα, *Urban Transformations in the Balkans 1820-1920*, Thessaloniki: University Studio Press, 1996.
- Jacobs, Jane. *The Death and Life of Great American Cities*. New York: Random House, 1961.
- Κύρτσης, Αλέξανδρος (ed.), *Κωνσταντίνος Α. Δοξιάδης, Κείμενα, Σχέδια, Οικισμοί*, Athens: Ikaros, 2006.
- Lefebvre, Henri, *Το Δικαίωμα στην Πόλη*. Αθήνα: Παπαζήσης, 1977.
- Lynch, Kevin. *The Image of the City*. Cambridge, MA: MIT Press, 1960.
- Μπαστέα, Ελένη, *Νεοκλασική Πολεοδομία & Ελληνική Εθνική Συνείδηση*, Αθήνα: LIBRO, 2008.
- Μπίρης, Κώστας Η. *Αι Αθήναι : Από τον 19ον εις τον 20ον αιώνα*, Athens : 1966 (reprinted by Melissa in 1995)
- Παπαγεωργίου-Βενετάς, Αλέξανδρος, *Αθήνα ένα όραμα του κλασικισμού*, Athens: Karon, 2001.
- Ρόδη, Άλκηστις Π.; Τουρνικιώτης, Παναγιώτης, (eds) , *Do.co.mo.mo. 04: Εκδοχές του Μοντέρνου στην Αθήνα του μεσοπολέμου*, Athens: Futura, 2010.
- Rossi, Aldo, *Η αρχιτεκτονική της πόλης*. Thessaloniki: University Studio Press, 1991.
- Rowe, Colin and Fred Koetter. *Collage City*. Cambridge, MA: MIT Press, 1978.

### Periodicals:

- Architecture in Greece
- Architecture and Urbanism (A+U)
- ΔΟΜΕΣ
- URBAN STUDIES