

COURSE OUTLINE

1. GENERAL

SCHOOL	POLYTECHNIC		
DEPARTMENT	ARCHITECTURE		
LEVEL OF COURSE	UNDERGRADUATE		
COURSE CODE	ARC_080	SEMESTER OF STUDIES	EIGHTH
COURSE TITLE	ARCHITECTURE DESIGN 8		
INDEPENDENT TEACHING ACTIVITIES	TEACHING HOURS PER WEEK	ECTS CREDITS	
Lectures, seminars	1		
Studio Work & Assignments	7		
		12	
COURSE TYPE	Field of Science (Architectural Design) and Skills Development		
PREREQUISITE COURSES:	ARCHITECTURE STUDIO 6		
TEACHING AND ASSESSMENT LANGUAGE:	Greek. Teaching may be however performed in English in case foreign students attend the course.		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	Yes		
COURSE WEBPAGE (URL)	https://eclass.upatras.gr/courses/ARC_080/		

2. LEARNING OUTCOMES

The exploration of the concepts of "coupling" and "coherence" in architectural design. The case study of a semi-urban site that shows discontinuities in order to ensure consistency in the future. The research challenge of the elements that make the follow-up possible. The processing of a set of structured and reasoned decisions. The holistic design parameters concerned with a view to reconnect with society and innovation.

On successful completion of the module, students will be able to:

- Address complex design problems.
- Understand the gradual development of individual phases of analysis and synthesis of ideas, handling different scales and tools of communication, reflection on the social forces, investigating the cases for the relationship with the surrounding, environment, the functioning, structure, style, materials, aesthetic.
- Craft architectural proposals simultaneously in different scales moving from both near and far, without necessarily following hierarchies.
- Use and manage a set of techniques and methods for reading of space such as: sketches, photography, video, animations and diagrams of spaces, models, diagrammatic syntax of space (space syntax) etc.
- Challenge or to consider new programs related to the needs of a particular design, and object-dependent potential or present the specific situation (spatial – cultural).

General Abilities

Generally, by the end of this course the student will, furthermore, have develop the following general abilities:

- *Searching, analysis and synthesis of facts and information, as well as using the necessary technologies*
- *Adaptation to new situations*

- *Decision making*
- *Group work*
- *Excercise of criticism and self-criticism*
- *Promotion of free, creative and inductive thinking*
- *Respect to natural environment*
- *Respect for diversity and multiculturalism*
- *Demonstration of social, professional and ethical responsibility.*
- *Work design and management*

3. COURSE CONTENT

The general theme of AS08 titled: "Versions of urbanity" combines the architecture of buildings and urban planning strategies. Investigates the role of architecture in the changes of urban development and aims at proposals that face the city as an architectural project.

The workshop will study an environmental research facility on the empty site right next (South) to the Archeological Museum of Patras with a long front on Athens – Patras National road. The lab is called to investigate issues of discontinuity, relationships and dipoles: the relationship of large-scale (Museum) with the small neighborhood, the discontinuity of the urban front, City-University relationship, the relationship of the research and society/ environment, the relationship of quality with the technical parameters of the design, the relationship of simplicity with complexity. It will also be given the opportunity to investigate, the role of design in society and its future agenda. Lastly, emphasis will be placed on Bioclimatic functioning issues.

During the semester students are required to work almost simultaneously on two levels:

- critical reading and description of the existing situation (historical, cultural, from information that will be collected and analyzed)
- Suggestions and Edit alternative proposals and ideas for the new design.

Illustratively mentioned, the following features or options, which can be different for each group and will depend on the different reading program that we have done, but (mostly) from the particular interests of each group may have or has formed:

- Design in general level of building set.
- Design of the new building construction.
- Interior design, each corresponding group will judge what is required.
- Proposals for furniture and equipment for individual sites.
- Related proposals for the formation of outdoor spaces and

4. TEACHING AND LEARNING METHODS - ASSESSMENT

TEACHING METHODS	Lectures, seminars and Studio Work Face to Face. The course will be taught through lectures on specific subjects of Design and case studies.	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Use of Information and Communication Technologies (ICTs) (e.g. powerpoint) in teaching providing information on the theory and practice of the laboratory assignments and the methodology for multi-step syntheses. The lectures content of the course for each chapter are uploaded on the internet, in the form of a series of .pdf files, where from the students can freely download them.	
TEACHING ORGANIZATION	Activity	Work Load per Semester
	Lectures (1 conduct hour per week x 13 weeks)	13
	Studio Work (7 hours per week x 13 weeks)	91

	Hours for private study of the student and preparation of assignments (300-13-91)	196
	Total number of hours for the Course (25 hours of work-load per ECTS credit)	300 hours (total student work-load)
STUDENT ASSESSMENT	<p>The evaluation of students will be based on the degree of development of analytical thinking, understanding and assimilating the concepts, creativity, synthetic and design capability, as well as their participation in the educational process. There is no written exam in the course.</p> <ul style="list-style-type: none"> • Interim Presentations Topic: (30% of the total grade) • Final Presentation: (70% of the total grade) <p>The criteria of assessment are listed in the course syllabus (outline and timeline of course) posted on the e-class platform. The criteria listed are the following: "the evaluation of students will be based on the degree of development, the ability of analytical thinking, understanding and assimilating the concepts, on creativity, on synthetic and design capability, as well as on participation in the educational process»</p>	

5. RECOMMENDED LITERATURE (incl. Books in Greek)

Benevolo L., La citta nella storia d' Europa, 1993 Μετάφραση στα Ελληνικά Α. Παπασταύρου, εκδ. Ελληνικά Γράμματα, 1997.

Bosselmann Peter, Urban Transformation. Understanding City Form and Design, Island Press, 2008.

Gehl, J. Ανθρώπινες Πόλεις, Αθήνα: Παπαγεωργίου και Σια, 2013

Lynch Kevin, The Image of the City, Cambridge MA: MIT Press, 1992.

Kostof, S, The City Shaped. Urban Patterns and Meaning throughout History, London Thames & Hudson, 1991

Kostof, S, The City Assembled. The elements of Urban form throughout History, London Thames& Hudson, 1992

Φιλίπιδης Δ., Για την Ελληνική Πόλη: Μεταπολεμική Πορεία και Μελλοντικές Προοπτικές, Αθήνα, 1990.

Anastasia Loukaitou-Sideris, "Addressing the Challenges of Urban Landscapes: Normative Goals for Urban Design," Journal of Urban Design 17 (2012): 4