

Faculty of Architecture / ARCHITECTURA / GRADUATE THESIS / PROJECT

Course:	GRADUATE THESIS / PROJECT			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
11882	Mandatory	10	30	12+14+0
Programs	ARCHITECTURA			
Prerequisites	All study obligations completed in all the other subjects of the study programme.			
Aims	<p>- The theoretical and practical aspects of architecture and architectural design, mastering methods of planning and knowledge of basic legal aspects of spatial management, the basics of architectural planning; the ability of architectural design that meets both the technical and aesthetic requirements;</p> <p>- Adequate knowledge of the history and theories of architecture and the related arts, technologies and human sciences; knowledge of the fine arts as an influence on the quality of architectural design;</p> <p>- Adequate knowledge of urban design, urban planning and skills required for planning; - Understanding the relationship between people and buildings, and between buildings and their environment, and an understanding of the needs that the buildings and the spaces between them to human needs and their mutual relationship; - Understanding of the profession and the role of the architect in society, in particular in preparing briefs that take account of social factors; - An understanding of research methods and techniques for the preparation of conception of the project; - Understanding spatial, architectural and building plans and structural problems associated with building design; - Adequate knowledge of physical problems and technologies and of buildings so as to provide them with a comfortable edit and protection against the climate; - The necessary skills for the design of enabling the fulfillment of the requirements within the constraints imposed by cost factors and building regulations; - Adequate knowledge of the industries, organisations, regulations and procedures involved in translating design concepts and integrating plans into overall planning.</p>			
Learning outcomes	<p>It is expected that the student, after passing the final exam work (project): 1. Appropriately apply the theoretical and practical aspects of architecture, urban planning and architectural and urban design and planning; 2. Knows and applies research methods and techniques for the development of projects of different types and purposes; 3. Adequate apply knowledge in construction and assembly of structural, environmental strategy and regulatory - legal requirements relating to the design and construction of a complete architectural design and urban plan; 4. Analyses, interprets and evaluates spatial urban and architectural - building plans that are associated with the design and construction of facilities; 5. Knows impact of buildings on the environment and the premise of sustainable design; 6. It is capable of making architectural design of different types and purposes that meets the technical and aesthetic requirements of the project program.</p>			
Lecturer / Teaching assistant				
Methodology	Research approach, interdisciplinary work, teamwork, fieldwork.			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	<p>As a rule, complex tasks in architecture are dealt with in a graduation thesis, and complex solutions are offered based on knowledge acquired during the studies by meeting regular study obligations and with individual research work. A master's thesis is written under the mentorship of a chosen teacher members of evaluation committee contribute additional guidelines and instructions. The thesis is presented publically after the completion of studies. It has to contain: - 10% theoretical part (an introduction with a theoretic definition of the topic discussed and the definition of the problem, working hypothesis, description of method and work proceedings, and written and numeric substantiation, correction of hypothesis through discussion, summary of findings and project references, sources and literature); - results in the form of the project, that have to contain: 20% of urban and 70% of design part.</p>			
I week exercises				
II week lectures				
II week exercises				
III week lectures				
III week exercises				
IV week lectures				
IV week exercises				
V week lectures				

V week exercises						
VI week lectures						
VI week exercises						
VII week lectures						
VII week exercises						
VIII week lectures						
VIII week exercises						
IX week lectures						
IX week exercises						
X week lectures						
X week exercises						
XI week lectures						
XI week exercises						
XII week lectures						
XII week exercises						
XIII week lectures						
XIII week exercises						
XIV week lectures						
XIV week exercises						
XV week lectures						
XV week exercises						
Student workload	Weekly 30.0 credits x 40/30 = 40 hours Structure: 12 hours of lectures 14 hours for tutorial 14 hours of individual work, field work (FW), including consultations. During the semester Teaching and the final exam: (40 hours) x 16 = 640 hours Necessary preparations before the start of the semester (administration, registration, certification) 2 x (40 hours)=80 hours Total hours for the course:30.0x30 = 900 hours Additional hours: 180 hours Structure of workload: 640 hours (lectures) + 80 hours (preparation) + 180 hours (Add. hours) = 900 hours					
Per week	Per semester					
30 credits x 40/30=40 hours and 0 minuts 12 sat(a) theoretical classes 0 sat(a) practical classes 14 excercises 14 hour(s) i 0 minuts of independent work, including consultations	Classes and final exam: 40 hour(s) i 0 minuts x 16 =640 hour(s) i 0 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 40 hour(s) i 0 minuts x 2 =80 hour(s) i 0 minuts Total workload for the subject: 30 x 30=900 hour(s) Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) 180 hour(s) i 0 minuts Workload structure: 640 hour(s) i 0 minuts (cources), 80 hour(s) i 0 minuts (preparation), 180 hour(s) i 0 minuts (additional work)					
Student obligations						
Consultations						
Literature	All materials of the Master's Study Programme Architecture and additional titles selected by the teacher-mentor relating to the concrete topic involved.					
Examination methods	Control by the University, the control of the teaching process by the faculty, the list of presence of students, analysis of the degree of transience (quality management system in accordance with ISO 9001).					
Special remarks						
Comment						
Grade:	F	E	D	C	B	A
Number of points	less than 50 points	greater than or equal to 50 points	greater than or equal to 60 points	greater than or equal to 70 points	greater than or equal to 80 points	greater than or equal to 90 points

		and less than 60 points	and less than 70 points	and less than 80 points	and less than 90 points	
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