

### Faculty of Architecture / ARCHITECTURA / ARCHITECTURAL DESIGN I

<b>Course:</b>	ARCHITECTURAL DESIGN I			
<b>Course ID</b>	<b>Course status</b>	<b>Semester</b>	<b>ECTS credits</b>	<b>Lessons</b> (Lessons+Exercises+Laboratory)
1659	Mandatory	3	9	3+4+0
<b>Programs</b>	ARCHITECTURA			
<b>Prerequisites</b>	No prerequisites.			
<b>Aims</b>	Students are introduced to most important of spatial - functional and formal characteristics, and methods of organisation and design of residential buildings.			
<b>Learning outcomes</b>	It is expected that the student, after passing the exam at Architectural Design 1: 1. Has an adequate theoretical knowledge of appropriate facilities typologies - collective residential housing; 2. Has knowledge of contexts, i.e. integration of the facility into the existing local, social and physical context; 3. Has knowledge related to the historical development of appropriate typology of architectural facilities, corresponding theoretical concepts, as well as contemporary tendencies; 4. Has knowledge of the historical development of the corresponding typology of architectural objects, the corresponding theoretical concepts, as well as modern tendencies.			
<b>Lecturer / Teaching assistant</b>	Marija Bojović, PhD, Assistant Professor; Teaching Associates: Sanja Paunović Žarić, PhD; Marija Čačić, PhD; MSc Nemanja Miličević; MSc Nikolina Sekulović.			
<b>Methodology</b>	Lectures, exercises, consultations, study tours and professional student workshops. During lectures students are introduced to residential buildings and their importance. During practical classes in the course of semester, students prepare a preliminary design of a residential building. On student excursions the students, accompanied by teachers and staff, visiting typical examples of residential buildings, with expert explanations and comments on the site.			
<b>Plan and program of work</b>				
Preparing week	Preparation and registration of the semester			
I week lectures	The concept and meaning of "collective housing. Introduction.			
I week exercises	Working on a studio project, in all the phases of the design process.			
II week lectures	Historical development of collective housing. Development and interdependence of different concepts.			
II week exercises	Working on a studio project, in all the phases of the design process.			
III week lectures	Typology of collective housing: apartment buildings in a row, free-standing building. Condominium.			
III week exercises	Working on a studio project, in all the phases of the design process.			
IV week lectures	The advantages and disadvantages of collective housing. Social dimensions. Standards.			
IV week exercises	Working on a studio project, in all the phases of the design process.			
V week lectures	Types of housing units: level apartment, duplex, penthouses.			
V week exercises	Working on a studio project, in all the phases of the design process.			
VI week lectures	The functional elements of the building. Different concepts. Persons with disabilities.			
VI week exercises	Working on a studio project, in all the phases of the design process.			
VII week lectures	1st TEST (colloquium)			
VII week exercises	1st Test.			
VIII week lectures	Entrance hall and communication in building.			
VIII week exercises	Preliminary presentations of studio work.			
IX week lectures	The concept of the apartment in relation to communication and orientation.			
IX week exercises	Working on a studio project, in all the phases of the design process.			
X week lectures	Typology of housing in relation to the position of floor.			
X week exercises	Working on a studio project, in all the phases of the design process.			
XI week lectures	Grouping zones within the apartment. Functionality of the segments of apartment.			
XI week exercises	Working on a studio project, in all the phases of the design process.			
XII week lectures	The spatial concept of the apartment and its readability as an imperative of its quality. The flexibility of the apartment.			

XII week exercises	Working on a studio project, in all the phases of the design process.					
XIII week lectures	Analysis of contemporary concepts in the world and in our country. Design of residential buildings.					
XIII week exercises	Working on a studio project, in all the phases of the design process.					
XIV week lectures	2nd TEST (colloquium)					
XIV week exercises	2nd TEST.					
XV week lectures	Submission and presentation of the studio project - first deadline.					
XV week exercises	Submission and presentation of the studio project - first deadline.					
<b>Student workload</b>	Weekly 9.0 credits x 40/30 = 12 hours Structure: 3 hours of lectures; 4 hours of practical work in studio 5 hours of individual work, including consultations. During the semester Teaching and the final exam: (12 hours) x 16 = 192 hours Necessary preparations before the start of the semester (administration, registration, certification) 2 x (12 hours) = 24 hours Total hours for the course: 9.0x30 = 270 hours Additional hours: 54 hours Structure of workload: 192 h (lectures )+ 24 h (preparation) + 54 h (add. hours) = 270 h					
<b>Per week</b>			<b>Per semester</b>			
<b>9 credits x 40/30=12 hours and 0 minuts</b> 3 sat(a) theoretical classes 0 sat(a) practical classes 4 excercises <b>5 hour(s) i 0 minuts</b> of independent work, including consultations			Classes and final exam: <b>12 hour(s) i 0 minuts x 16 =192 hour(s) i 0 minuts</b> Necessary preparation before the beginning of the semester (administration, registration, certification): <b>12 hour(s) i 0 minuts x 2 =24 hour(s) i 0 minuts</b> Total workload for the subject: <b>9 x 30=270 hour(s)</b> 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) <b>54 hour(s) i 0 minuts</b> Workload structure: <b>192 hour(s) i 0 minuts (courses), 24 hour(s) i 0 minuts (preparation), 54 hour(s) i 0 minuts (additional work)</b>			
<b>Student obligations</b>						
<b>Consultations</b>						
<b>Literature</b>			- Grozdan Knežević, »Višespratne stambene zgrade«, ZG. 1986. - Tehničar – građevinski priručnik. Stanovanje, BG. 1989. - Kent W. Colton, "Housing in the Twenty-First Century", Harvard University Werthei; Publications Committee, 2003. - Paul Reeves, "Introduction to Social Housing", A Butterworth-Heinemann Title; 2 edition 2005. - Barbara Miller Lane, "Housing and Dwelling", Routledge; New Ed edition , 2006. - Peter King, »Choice and the End of Social Housing", Institute of Economic Affairs,2006. - Suzanne Fitzpatrick, "Future of Social Housing", Shelter Publikations, 2008. - Carles Broto, „Apartment Buildings Today“ , Links International, Ceg, 2011.			
<b>Examination methods</b>			* Student has to pass both tests and to have positively evaluated studio project. - Regular attendance of classes: 5 points (each one less cause failure point), maximum 3 absences; - First test: maximum 22,5 points - Second test: maximum 22,5 points - Semester work (studio project): maximum 50 points			
<b>Special remarks</b>						
<b>Comment</b>						
<b>Grade:</b>	F	E	D	C	B	A
<b>Number of points</b>	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points