

Faculty of Architecture / ARCHITECTURA / SYNTHESIS DESIGN V

Course:	SYNTHESIS DESIGN V			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
6505	Mandatory	1	10.4	3+5+0
Programs	ARCHITECTURA			
Prerequisites	No prerequisites.			
Aims	Students learn about the most important functional, formal structural characteristics and methods of the organization designing health facilities.			
Learning outcomes	It is expected that the student after passing the exam Synthesis project V: 1. Has the ability to create and present projects of appropriate typology - Buildings for medical care (health facilities), different proportions and complexity; 2. Has the knowledge of contexts, ie integration of the facility into the existing local, social and physical context; 3. Knows the historical development of the corresponding typology of architectural objects, corresponding theoretical concepts, as well as modern tendencies.			
Lecturer / Teaching assistant	Dragan KMatina			
Methodology	Lectures, semester elaborat, consultations...			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	Project task.			
I week exercises	Project task.			
II week lectures	Site analysis.			
II week exercises	Site analysis.			
III week lectures	Zoning location and traffic connection.			
III week exercises	Zoning location and traffic connection.			
IV week lectures	Functional and dimensional analysis of the object.			
IV week exercises	Functional and dimensional analysis of the object.			
V week lectures	Conceptual design of the building.			
V week exercises	Conceptual design of the building.			
VI week lectures	The structural concept and choice of materials.			
VI week exercises	The structural concept and choice of materials.			
VII week lectures	The preliminary design, urban planing.			
VII week exercises	The preliminary design, urban planing.			
VIII week lectures	1st TEST (colloquium)			
VIII week exercises				
IX week lectures	Work on the preliminary design of the object.			
IX week exercises	Work on the preliminary design of the object.			
X week lectures	Work on the preliminary design of the object.			
X week exercises	Work on the preliminary design of the object.			
XI week lectures	Work on the preliminary design of the object.			
XI week exercises	Work on the preliminary design of the object.			
XII week lectures	Work on the preliminary design of object and graphic presentations.			
XII week exercises	Work on the preliminary design of object and graphic presentations.			
XIII week lectures	Work on the preliminary design of object and graphic presentations.			
XIII week exercises	Work on the preliminary design of object and graphic presentations.			
XIV week lectures	Submission of preliminary design (semester work).2nd TEST (colloquium)			

XIV week exercises	Submission of preliminary design (semester work).2nd TEST (colloquium)					
XV week lectures	FINAL EXAM.					
XV week exercises						
Student workload	Weekly 10.4 credits x 40/30 = 16 hours During semester 256 hours (lectures) + 32 hours (uni.) + 72 hours					
Per week	Per semester					
10.4 credits x 40/30=13 hours and 52 minuts 3 sat(a) theoretical classes 0 sat(a) practical classes 5 excercises 5 hour(s) i 52 minuts of independent work, including consultations	Classes and final exam: 13 hour(s) i 52 minuts x 16 =221 hour(s) i 52 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 13 hour(s) i 52 minuts x 2 =27 hour(s) i 44 minuts Total workload for the subject: 10.4 x 30=312 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) 62 hour(s) i 24 minuts Workload structure: 221 hour(s) i 52 minuts (courses), 27 hour(s) i 44 minuts (preparation), 62 hour(s) i 24 minuts (additional work)					
Student obligations						
Consultations						
Literature	S. Kliska, Bolnice, Beograd 1961. V. Stojakovic, Zdravstvene zgrade, Tehnicar gradevinski, prirucnik 4, Beograd 1989. Ernest Nojfert, Arhitektonsko projektovanje, Bolnice 1996. R. Geric, Savremena Bolnica, Beograd, 1964. D. Balzaro, Bolnice, Beograd					
Examination methods	- Regular attendance of lectures - a total of 10 points (every absence - 1 point) - First test: maximum 20 points - Second test: maximum 20 points - Final exam: maximum 50 points					
Special remarks	No specific specificities					
Comment	Additional information can be obtained from the subject teacher, head of the study program and Vice dean for Education.					
Grade:	F	E	D	C	B	A
Number of points	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