

<b>Study Programme: Architecture</b>			
<b>Course Unit Title: Design Studio 04D - Synthesis</b>			
<b>Course Unit Code: A04DSP</b>			
<b>Name of Lecturer(s): Miškeljin Ivana</b>			
<b>Type and Level of Studies: bachelor</b>			
<b>Course Status (compulsory/elective): elective</b>			
<b>Semester (winter/ summer): winter</b>			
<b>Language of instruction: english</b>			
<b>Mode of course unit delivery (face-to-face/distance learning): face-to-face</b>			
<b>Number of ECTS Allocated: 9</b>			
<b>Prerequisites: none</b>			
<b>Course Aims:</b> Study and integral understanding of the architectural design process. Developing the ability to design architectural space of different types of architectural structures, of high levels of complexity. Studying and understanding the relations between context, architectural program and the design logic.			
<b>Learning Outcomes:</b> Developing skills in designing of complex architectural structures and urban fragments. Developing the ability to explore connections between context, architectural program, and design logic in the process of defining the idea of an architectural project.			
<b>Syllabus.</b> Understanding the relations between context, architectural program and architectural structure; Studying the the transition between the interior and exterior space; Construction and detail; The study of architectural materials; The development of atmospheric quality of architectural space. Identity in architecture; Research of the graphic presentation of the idea of an architectural project. Specifics of the design process with BIM. Practical application of BIM technology in architecture and urban planning. Use of BIM software packages for the automation of technical documentation production.			
<b>Required Reading:</b> Relevant literature in English, tbd			
<b>Weekly Contact Hours:2</b>	<b>Lectures: 5</b>	<b>Practical work:</b>	
<b>Teaching Methods:</b> Lectures; Practice; Project Design; exam Exercises to be held in computer laboratory.			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Attendance			
Computer exercises			
Tests (4x)			

