

Study Programme: Architecture			
Course Unit Title: Design Studio 04A - Synthesis			
Course Unit Code: A04ASP			
Name of Lecturer(s): Atanacković-Jeličić Jelena, Miškeljin Ivana			
Type and Level of Studies: bachelor			
Course Status (compulsory/elective): elective			
Semester (winter/ summer): winter			
Language of instruction: english			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 9			
Prerequisites: none			
Course Aims: The development of the ability to think, articulate and design space of different types of architectural structures of high level of complexity, with a special emphasis on the establishment of the architectural program and architectural structure of these structures.			
Learning Outcomes: Ability to work independently on the establishment of correlation between architectural programme and architectural structure for the structures of high complexity, and for making the architectural design for those structures			
Syllabus. Context in architecture; Contextual elements, lines and impact; Internal and external “forces” in architecture and their balance; Perception and reception of space; Architectural structure – functional, spatial and formal; Free-standing facility; Group form; Assembly; Spatial entity. 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.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours:2	Lectures: 5	Practical work:	
Teaching Methods: Lectures; Practice; Project Design; oral exam. Exercises to be held in computer laboratory.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

