Course Unit Descriptor

Study Programme: Architecture			
Course Unit Title: Design Studio 04C - Synthesis			
Course Unit Code: A04CSP			
Name of Lecturer(s): Carević-Tomić Marina			
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:. Teaching students to solve complex design tasks at different spatial levels with the use of digital technologies.			
Learning Outcomes: Students acquire knowledge and develop skills for studying and design of architectural and urban projects and complexes.			
Syllabus. Wider context of urban planning and connections with architectural design; Urban development strategies and impact on design decisions; Land uses; Sustainable development principles applied at different spatial levels; Contemporary trends in architectural and urban design; Specific urban and architectural themes; 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: Demonstrative method, illustrative method, auditory, graphic and computer exercises, dialog, workshops.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	**Final exam**	points
Attendance			
Computer exercises			
Tests (4x)			