Course Unit Descriptor

Study Programme: Architecture	
Course Unit Title: Design Studio 03B - Synthesis	
Course Unit Code: A03BSP	
Name of Lecturer(s): Zeković Miljana, Žugić Višnja	
Type and Level of Studies: bachelor	
Course Status (compulsory/elective): elective	
Semester (winter/ summer): summer	
Language of instruction: english	
Mode of course unit delivery (face-to-face/distance learning): face-to-face	
Number of ECTS Allocated: 7	
Prerequisites: none	

Course Aims:.

The basic aim of this course is to introduce students to the field of the ephemeral architecture, which refers to

temporary spatial structures, experiments in architecture and spatial installations of architectural and artistic character.

Understanding, analyzing and designing mobile, adaptable, transformable, portable, non-consistent and easily

responsive architectural structures of all levels of complexity.

Learning Outcomes:
Acquired knowledge of the ephemeral architecture basics, as well as the application of the design process to temporary spatial structures, of different scales. Ability to conceptualize and solve architectural structures based on their predetermined time duration. Understanding of the application of lesser and / or more abstract concepts to design of particular spatial solutions of the ephemeral types of buildings.

Syllabus.
Ephemeral architecture - introduction and basics. Transformable architecture. Portable and mobile architectural structures. Easily changeable spatial constellations (theory, local and international practice) - spatial experiments and architecture-art installations. Archetype of ephemerality - architectural type of the pavilion. Contemporary examples of the ephemeral architectures: the impact on the city. Presentation, analysis and systematization of knowledge. Platform for sustainability of the ephemeral architecture.

Concept of parametric design. Parameter-based modeling. Advantages of parametric modeling. Data stream and strategies for creating a parametric algorithm. Elements determined by parameters and the analysis of the elements. Application of parametric modeling in architecture, urbanism and design.

Required Reading:
Relevant literature in English, tbd

Weekly Contact Hours:2	**Lectures: 4**	**Practical work:**

Teaching Methods:
Lectures; design studio work; workshops; consultation; work in computer laboratory

Knowledge Assessment (maximum of 100 points):

Pre-exam obligations	points	**Final exam**	points
Attendance			
Computer exercises			
Tests (4x)			