

Study Programme: Architecture			
Course Unit Title: Adaptive reuse of the built heritage			
Course Unit Code: AUP073			
Name of Lecturer(s): Draganić Anica, Sladić Todorov Mirjana			
Type and Level of Studies: Master			
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: 4			
Prerequisites: none			
Course Aims: The aim of the course is to train students for defining strategies for built heritage reactivation, selecting methods and formulating ways of managing the process of reactivation under different conditions of spatial development, especially in terms of sustainability.			
Learning Outcomes: Knowledge in the fields of establishing criteria for built heritage evaluation, evaluation of building structure (space organization, materials, construction systems, architecture, infrastructure, energetic efficiency, environment) and economic potential, making strategic decisions, and selection of the optimal reactivation methods in physical and economical sense, managing the refurbishment process, and coordination of multidisciplinary teams involved in the reactivation process.			
Syllabus. Principles of refurbishment; Socio-economic conditions of reactivation; Legal framework for reactivation; Changes of functions; Demographical factors; Studies in existing state of the stock; Analyses and definition of potential hazards; Models for inventorying of the whole building fund; Models for evaluating the whole building fund; Determining the size and time dimensions (continuity of existence, physical evolution, expansion and shrinking of the fund); Analysis of the dating of the composition transformations in order to understand the fund and determine a balanced relationship of existing and new buildings within the fund; Building, duration and decommissioning fund; Projected changes that can be expected in the building fund in the future, Economic assessment of the benefits of refurbishment - cost benefit analysis, Identification of problems in the decision-making; Hierarchy of the problems; Multidisciplinary cooperation.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours: 2	Lectures: 2	Practical work: 2	
Teaching Methods: Lectures; exercises; workshops; consultations; essay; paper test			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

