



Faculty of Philology and Arts
University of Kragujevac

S Y L L A B U S

Study program	Interior Architecture
Course Name	Ecological Architecture
Course structure (lectures, practical work)	1 + 1
Year of Study	second
Academic year	2020/2021.
Semester	3. and 3.
ECTS Credits and Course Status (Mandatory or elective)	4 (Elective)
Name and Surname of teacher / associate	Natalija Bogdanović, assistant professor
Requirements	None
Aim of Course	Students are engaged in the analysis of complex existing urban structures from aspects of ecology and sustainability. The main task is to develop new solutions for the design of smaller structures and art interventions in different urban spaces.
Course Overview	Through lectures, the students learn general concepts in the field of Ecological / Bioclimatic architecture, gets acquainted with historical development and modern tendencies in the process of forming Organic architecture. Studies the analysis and impact of the environment, application of new technological solutions, materials and products certified as Eco-Friendly. Classes include analysis of examples with the active participation of all participants, research projects, student presentations, and analysis of complex relationships within urban settings, architectural structures, with special attention on the correlation of the built environment and the natural environment.
Grading system (participation in classes, colloquium, seminar paper, presentation, written exam, final exam, etc.)	Regular attendance of classes, completed obligations, completed assignments in both semesters (70 points). Student receives a grade based on completed obligations, activities, quality of completed papers and presentation of papers at the final exam, followed by exhibition (30 points) Pre-exam obligations: Exercises, project tasks, participation in joint discussions, analyzes and projects - 50 points Seminar paper and colloquia - 20 points Final exam - 30 points
Textbooks and Mandatory Reading	Mila Pucar. Bioklimatska arhitektura - zastakljeni prostori i pasivni solarni sistemi. Institut za arhitekturu i urbanizam Srbije, Beograd, 2006

	<p>Peder Anker. From Bauhaus to Ecohouse. A History of Ecological Design. Louisiana State University Press, Baton Rouge, 2010</p> <p>Vesna Kosorić. Ekološka kuća. Građevinska knjiga, Beograd, 2012.</p> <p>Stephen Emmitt. Architectural Technology. Blackwell Science, 2002.</p> <p>Philip Jodidio. Green Architecture now. Taschen, Vol. 1 (2013), Vol. 2 (2012)</p> <p>Mila Pucar, Milan M. Pajević и Milica Jovanović Popović. Bioklimatsko planiranje i projektovanje: urbanistički parametri. Zavet, Beograd, 1994.</p> <p>Steven Szokolay. Introduction to Architectural Science. Architectural Press, 2004.</p> <p>James Wines. Green Architecture. Tachnen, 1992.</p> <p>Laura C Zeiher. Ecology of Architecture: A Complete Guide to Creating an Environmentally Conscious Building. Whitney, 1996.</p> <p>Pravilnik o energetskej efikasnosti zgrada ("Sl. glasnik RS", br. 61/2011)</p> <p>Pravilnik o uslovima, sadržini i načinu izdavanja sertifikata o energetskim svojstvima zgrada ("Sl. glasnik RS", br. 69/2012 i 44/2018 - dr. zakon)</p>
--	--