WYŻSZA SZKOŁA EKOLOGII I ZARZĄDZANIA W WARSZAWIE

00 – 792 WARSZAWA, UL. OLSZEWSKA 12, TEL. (22) 825-80-32/33, FAX (22) 825-80-31
rektorat@wseiz.pl; www.wseiz.pl

UNIVERSITY OF ECOLOGY AND MANAGEMNT IN WARSAW

SUMMER SCHOOL 2021

Programme name: CHALLENGES AND TRENDS OF CONTEMPORARY ARCHITECTURE AND DESIGN

Dates: 12-23 July 2021

Deadlines for registration: 25 June 2021

Tuition fee: 250 Euro

Minimum number of participants: 15

Maximum number of participants: 20

Credits: 4 ECTS

Sharing Policy: providing 5 reduced-fee places (150 Euro/person)

Coordinator: Nataliia Sokolova

E-mail: summerschool2021@wseiz.pl

NO	NAME OF THE LECTURER	TOPIC	FORM	NUMBER OF HOURS
		DETAILED PROGRAMME		
1	Jan Diehl-Michałowski	Specific wayfinding system for architecture and interior design.	Lecture (interactive)	2
2	Joanna Burbridge	Place branding and its visual communication with particular emphasis on typography. 1. Branding - the meaning and operation of the building brand, place brand on the examples of a city library and a cultural center 2. How urban branding works - trends in brand visual communication - the latest trends, with an emphasis on "smart" and "eco".	Lecture + workshops	4

3	Janusz Marchwiński	1. Environmental Design – Introduction. 2. City Green Areas. 3. Eco-friendly Architecture and Urban Planning. 4. Ecological role of Greenery in Buildings. 5. Greenhouse structures. 6. Modern Technologies within Building's Facades. 7. Design Process (on the example of a building's renovation design).	Lectures	8
4	Roman Domański	1. Energy Sources and Conversion – Energy scenario; 2. Renewable Energy Sources and Energy Storage in Modern Architecture; 3. Energy Efficient Constructions, Passive and Intelligent Houses; 4. Hybrid Energy System in Architecture - future solution.	Lectures	8
5	Mikołaj Michalak	Parametric design in the Autodesk Revit environment using the Dynamo plug-in. 1. Conventional, computational, and generative design. 2. What is the future of architecture practice? 3. Autodesk Revit working environment. 4. Conceptual mass. 5. Dynamo working environment. 6. Creating parametric building in Dynamo. 7. Building analysis using Dynamo.	Lecture + workshops	8
6	Piotr Gastman	BIONICS - product design inspired by nature. 1. Introduction to "bionics", theory of bionical based design (lecture) 2. Rhino 3d software - introduction to environment of SUB-D tool (workshop) 3. Rhino 3d software - introduction to Grasshopper environment (workshop) 4. Rhino 3d software - creating a project based on SUB-D tool and Grasshopper methodology (workshop).	Lecture + workshops	8

7	Maciej Wyszogrodzki	Aspects of ergonomics in design for the elderly and disabled.	Lecture + workshops	8
8	Izabela Sobierajska	Schemes for transforming degraded urban spaces, e.g. 1. The space of the historic market square and the adjacent streets into a representative space, with an emphasis on limiting vehicle traffic; 2. Introducing greenery to urban spaces; shaping woonerfs; 3. Partial transformations of the housing of these streets 4. Restoration of urban green areas; 5. Programs / methods to increase green indicators in the city; 6. Keeping water resources in the ground.	Lecture + workshops	8
9	Kamila Szparkowska	The concept of Orient in Polish Architecture (18th-20th centuries) 1. Introduction. The Middle and Far East in Polish architecture. 2. Architecture of public buildings in Poland (including railway stations, hospitals, cafes, city hall). 3. Gardens, parks and cemeteries (garden pavilions, tombstones, chapels). 4. Interior decorations. Ceramics and *stucco* as inspiration for interior decoration of Polish palaces. 5. European Modernism. 6. How to study the inspirations in architecture.	Lectures	6
			TOTAL	**60**