

## ENVIRONMENTAL DESIGN

## 2022/23. 1. SEMESTER

BASIC DATA		
<b>COURSE NAME</b>	Környezettervezés	Environmental Design
<b>COURSE CODE(S)</b>	YAWENDEMNF	
<b>DEPARTMENT</b>	Óbuda University, Ybl Miklós Faculty of Architecture, Institute of Architecture	
<b>PROGRAMME, TRAINING</b>	Architect MSc	full time
<b>COURSE INSTRUCTOR</b> (Instructor managing the course)	Zsuzsa FÁCZÁNYI PHD. faczanyi.zsuzsa@ybl.uni-obuda.hu	Consultations: office hours by e-mail arrangement, in online form.
<b>INSTRUCTORS, LECTURERS</b>	Levente G. MOLNÁR molnarglevente@gmail.com	Consultations: office hours by e-mail arrangement, in online form.
<b>PRE-REQUIREMENT</b>	none	
<b>HOURS OF LECTURES (WEEKLY)</b>	2 hours	
<b>HOURS OF CLASSROOM TRAINING/ LABORATORY TRAINING (WEEKLY)</b>	2 hours	
<b>FIELD WORK AND TRAINING (WEEKLY)</b>	0 hours	
<b>ASSIGNMENT</b>	Midterm assignment.	
<b>CREDITS</b>	5 credits (ECTS)	
<b>AIM OF THE COURSE, BRIEF DESCRIPTION</b>	The aim of the course is to provide the students with basic knowledge of Environmental Design. In the course the students learn the basics, the typologies and the planning methodology of landscape architecture.	
<b>RECOMMENDED LITERATURE</b>	DEE Catherine: Form and Fabric in Landscape Architecture. Routledge, New York, 2003. STARKE Barry, ORMSBEE SIMONDS Barry: Landscape Architecture, Fifth Edition. McGraw-Hill, New York, 2013. UFFELEN Chris van, ATTNER Anna: 1000x Landscape Architecture. Braun Publishing, Salenstein, 2009. ZIMMERMANN Astrid: Constructing Landscape, Birkhäuser, Basel, 2011. ZIMMERMANN Astrid: Planning Landscape, Birkhäuser, Basel, 2012.	
<b>REQUIRED TECHNICAL APPLIANCES/ SOFTWARE</b>	The use of mobile phones is prohibited during the examinations. In the case of online education: Contact: Neptun, E-learning and E-mail. Education materials: According to E-learning Lessons: E-learning, Zoom	

SCHEDULE OF THE SEMESTER				
WEEK	LECTURE	LECTURER	FORM OF TRAINING	PROGRAM OF TRAINING
1 06 Sept.	Introduction to Landscape Architecture, it's methodology and typology. Design phases, types of plans. Connection points with other professions.	MGL	PERSONAL	Description of the midterm-assignment. Examples from the previous years.
2 13 Sept.	Elements and it's system in the garden view. Image of the outdoor spaces.	MGL	PERSONAL	Consultation: topic selection.
3 20 Sept.	Integration into the environment. The inner and outer space. Land-Art.	MGL	PERSONAL	Consultation: analysis of the existing conditions.
4 27 Sept.	Vegetation as a building material.	MGL	PERSONAL	Terepgyakorlat – séta a Városligetben. (gyakorlat csak az „A”-csoportnak 10:45-12:25 között).
5 4 Oct.	Urban green areas and system.	MGL	PERSONAL	Consultation: SWOT-analysis, bubble-diagram of the proposed functions, site conditions.
6 11 Oct.	City open spaces, parks and recreational design.	MGL	PERSONAL	Consultation.
7 18 Oct.	Residential and Private Gardens.	MGL	PERSONAL	Consultation.
8 25 Oct.	Institute and facility gardens I.	MGL	PERSONAL	Consultation.
9 8 Nov.	Institute and facility gardens II.	MGL	PERSONAL	Consultation.
10 15 Nov.	Sustainable environmental design opportunities (green roofs, green facades, water-management, biodiversity).	MGL	PERSONAL	Consultation o the assignment, 90% readiness level, final signature for the assignment..
11 25 Nov.	Heritage protection: design in historical environment and management of historical gardens and parks.	MGL	PERSONAL	<b>Deadline of the Midterm Assignment! (online submission)</b>
12 29 Nov.	Designing natural sites and educational trails.	MGL	PERSONAL	Delayed deadline of the Midterm Assignment (online submission)!
13 6 Dec.	<b>PRESENTATION OF THE MIDTERM ASSIGNMENT</b>	MGL	PERSONAL	<b>PRESENTATION OF THE MIDTERM-ASSIGNMENT.</b>

REQUIREMENTS FOR THE COMPLETION OF THE SEMESTER		
MID-SEMESTER TASKS AND TESTS		
Requirement	Description	Value (point, %, grade)
<b>PARTICIPATION AT LESSONS</b>	The practice lessons can be missed up to three times (see § 46 ETVSZ)	-
<b>IN CASE OF ABSENCE FROM LESSONS AND EXAMINATIONS</b>	Absence is considered to be justified with a medical certificate presented.	-
<b>Short description of the TASKS</b>	<p>An existing open space (square, park, street, garden, etc.) re-design what is selected together with the teacher of the course. The student has to make research and planning work (by drawings and text parts) to the selected open space.</p> <p>SUBMISSION:</p> <p>2 pieces of A3 size boards. The final format of the boards and processing technics are not binding, but it must be agreed with the teacher of the course.</p> <p>TOPICS OF THE BOARDS:</p> <p>1.: Site plan for the selected area (square, park, street, garden, etc.) with cross section(s), with mass modelling or 3D renders/visualizations.</p> <p>2.: Analysing and proposal with texts, comments, descriptions, with other graphic elements for the explanation.</p> <p><b>Task is mandatory!</b></p>	60 points
<b>TOTAL</b>		60 points

SEMESTER CLOSING REQUIREMENTS					
SEMESTER GRADE	0-29 Point	30-37	38-45	46-53	54-60
	1 - FAIL	2 - PASS	3 - SATISFACTORY	4 - GOOD	5 - EXCELLENT
CONDITIONS FOR OBTAINING A SIGNATURE	MIDTERM ASSIGNMENT fulfilment to minimum 30 points.				