

ENVIRONMENTAL DESIGN

2024/25. 1. SEMESTER

BASIC DATA		
COURSE NAME	Környezettervezés	Environmental Design
COURSE CODE(S)	YAWENDEMNF	
DEPARTMENT	Óbuda University, Ybl Miklós Faculty of Architecture, Institute of Architecture	
PROGRAMME, TRAINING	Architect MSc	full time
COURSE INSTRUCTOR (Instructor managing the course)	Zsuzsa FÁCZÁNYI PHD.	faczanyi.zsuzsa@ybl.uni-obuda.hu Consultations: office hours by e-mail arrangement, in online form.
INSTRUCTORS, LECTURERS	Levente G. MOLNÁR	molnarglevente@gmail.com Consultations: office hours by e-mail arrangement, in online form.
PRE-REQUIREMENT	none	
HOURS OF LECTURES (WEEKLY)	2 hours	
HOURS OF CLASSROOM TRAINING/ LABORATORY TRAINING (WEEKLY)	2 hours	
FIELD WORK AND TRAINING (WEEKLY)	0 hours	
ASSIGNMENT	Midterm assignment.	
CREDITS	5 credits (ECTS)	
AIM OF THE COURSE, BRIEF DESCRIPTION	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.	
RECOMMENDED LITERATURE	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.	
REQUIRED TECHNICAL APPLIANCES/ SOFTWARE	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 10 Sept.	Introduction to Landscape Architecture, it's methodology and typology. Elements and it's system in the garden view. Image of the outdoor spaces. Design phases, types of plans. Connection points with other professions.	MGL	PERSONAL	Description of the midterm-assignment. Examples from the previous years.
2 17 Sept.	Integration into the environment. The inner and outer space. Land-Art. Vegetation as a building material.	MGL	PERSONAL	Consultation: topic selection.
3 24 Sept.	Field visit.	MGL	PERSONAL	Consultation: analysis of the existing conditions.
4 01 Oct.	Urban green areas and its system.	MGL	PERSONAL	Terepgyakorlat – séta a Városligetben. (gyakorlat csak az „A”-csoportnak 10:45-12:25 között).
5 08 Oct.	Design practice.	MGL	PERSONAL	Consultation: SWOT-analysis, bubble-diagram of the proposed functions, site conditions.
6 15 Oct.	City open spaces, parks and recreational design.	MGL	PERSONAL	Consultation.
7 22 Oct.	Residential and Private Gardens.	MGL	PERSONAL	Consultation.
8 29 Oct.	Institute and facility gardens I.	MGL	PERSONAL	Consultation.
9 05 Nov.	Institute and facility gardens II.	MGL	PERSONAL	Consultation.
10 12 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 26 Nov.	Heritage protection: design in historical environment and management of historical gardens and parks.	MGL	PERSONAL	DEADLINE OF THE MIDTERM ASSIGNMENT!
12 03 Dec.	Designing natural sites and educational trails.	MGL	PERSONAL	<u>DELAYED DEADLINE OF THE MIDTERM ASSIGNMENT!</u>
13 10 Dec.	PRESENTATION OF THE MIDTERM ASSIGNMENT	MGL	PERSONAL	PRESENTATION OF THE MIDTERM-ASSIGNMENT.

REQUIREMENTS FOR THE COMPLETION OF THE SEMESTER		
MID-SEMESTER TASKS AND TESTS		
Requirement	Description	Value (point, %, grade)
PARTICIPATION AT LESSONS	The practice lessons can be missed up to three times (see § 46 ETVSZ)	-
IN CASE OF ABSENCE FROM LESSONS AND EXAMINATIONS	Absence is considered to be justified with a medical certificate presented.	-
Short description of the TASKS	<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>Task is mandatory!</p>	60 points
TOTAL		60 points

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