

Research Methodology

2024/25. 1. SEMESTER

BASIC INFORMATION			
COURSE NAME	Research Methodology		
COURSE CODE	YAXREMF MNF		
DEPARTMENT	Óbuda University Ybl Miklós Faculty of Architecture, Institute of Architecture		
SZAK, TAGOZAT	Architect MSc		full time
COURSE INSTRUCTOR (Instructor managing the course)	Fáczányi Zsuzsa PhD	faczanyi.zsuzsa@ybl.uni-obuda.hu	
INSTRUCTORS, LECTURERS	Janurikné Soltész Erika	soltesz.erika@ybl.uni-obuda.hu	
PRE-REQUIREMENT	none		
HOURS OF LECTURES	2 hours		
ASSIGNMENT	tests, tasks and final exam		
CREDITS	3 credits (ECTS)		
The aim of the course	The aim of the course is to introduce the methodology of research in the fields of architecture and architectural sciences and to encourage research in these fields. Completion of the course will develop the researcher's approach, prepare him/her for obtaining a doctoral degree in architecture, planning research and research projects.		
Required literature	<p>Earl Babbie (2010, 2007): The Practice of Social Research, Wadsworth, Cengage Learning</p> <p>Umberto Eco (2015): How to Write a Thesis, The MIT Press; Translation Edition</p> <p>Jennifer Mason (2002): Qualitative Researching, SAGE Publications</p> <p>Rajasekar, D., & Verma, R. (2013). Research methodology. Archers & Elevators Publishing House.</p> <p>Gupta, A., & Gupta, N. (2022). Research methodology. SBPD Publications.</p> <p>Pandey, P., & Pandey, M. M. (2021). Research methodology tools and techniques. Bridge Center.</p> <p>Mishra, S. B., & Alok, S. (2022). Handbook of research methodology. Educreation publishing.</p> <p>Novikov, A. M., & Novikov, D. A. (2013). Research methodology: From philosophy of science to research design. Crc Press.</p>		
Recommended literature	<p>Popper, Karl (1959): The Logic of Scientific Discovery (2002 pbk; 2005 ebook ed.). Routledge</p> <p>Thomas Kuhn (1962): The Structure of Scientific Revolutions, University of Chicago Press</p> <p>Paul Feyerabend (1982): Science in a Free Society, London, Verso</p>		

LECTURES		TASKS
09. 10.	1. Academic Language in Research	Self-check test
09. 17.	2. Science vs Pseudoscience. Motivation, Research Approaches	Self-check test
09. 24.	3. The Purpose of the Research, Research Question; Hypothesis. Exploring the Literature	Self-check test
10. 01.	4. Research methodology. Qualitative data collection, questionnaire and interview	Self-check test
10. 08.	Community and Urban Planning workshop	
10. 15.	5. Research Results. Evaluation, Validation	Self-check test
10. 22.	6. Research Analysis - the Purpose of the Research and the Problem Formulated. Research Questions and Hypotheses	Self-check test Test: Theory of Research Methodology
10. 29.	7. Research Analysis - Context of the Research, Methodology, Data Collection. Results and Conclusions	Research analysis task 1: upload deadline: 11.05., replacement deadline 11.12. (the uploading option closes at this time) self-check test
11.05.	8. Research Analysis - Title, Purpose, Results and Abstract of the Research. Structure and Format	Research analysis task 2: upload deadline: 11.12., replacement deadline 11.26. (the uploading option closes at this time) self-check test
11. 12.	9. Research Design - Literature Review, Citation vs Plagiarism. Citation Rules and Tools	Research analysis task 3: upload deadline: 11.26., replacement deadline 12.03. (the uploading option closes at this time) self-check test
11. 26.	10. Research Design - Graphic Research Design. The Role of Visuality in Research	Own research plan task 1: upload deadline: 12.03., replacement deadline 12.10. (the uploading option closes at this time) self-check test
12. 03.	11. Research Design - The Research Design. Research Structure and the Table of Contents 12. Research Design - The Role of the Abstract, its Elements and Style. Advice on How to Write a Full Text,	Own research plan task 2, 3.: upload deadline: 12.10, (the uploading option closes at this time) self-check test
12.10.	Evaluation of the submitted tasks: Room C2 not online, but in person.!	

Requirements, evaluation methods and criteria		
REQUIREMENT	DESCRIPTION	Value (point, %, grade)
REQUIREMENTS	<ul style="list-style-type: none"> -Grammar and spelling test after the discussion of the most common spelling problems in written essay tasks (at least 70% pass rate allows progression to the theoretical blocks) -Multiple-choice self-check test to pass block by block. - Theory of Research Methodology test to be taken after the theoretical blocks (at least 50% pass rate allows progression to the research analysis and design blocks) - Tasks to upload for the research analysis and design blocks 	
Evaluation methods and criteria	<p>After the completed grammar and spelling test the maximum points are:</p> <ul style="list-style-type: none"> - 30 points - theory of research methodology test - 20 points - tasks uploaded for research analysis - 50 points - tasks uploaded for research design - 50 points - exam <p>Self-check tests and multiple-choice questions are auto-matically corrected by the Moodle system, errors are flagged. In the case of individual essay-like and uploaded tasks, the instructor will give feedback in a written evaluation.</p>	
SUM		150 points

SEMESTER CLOSING REQUIREMENTS					
REQUIREMENTS FOR OBTAINING A SIGNATURE	<p>Completion of the SEMESTER TASKS for at least 50%</p> <p>If it is not met, the semester will be refused based on the relevant university regulations.</p> <p>On one of the first ten working days of the exam period (exact day will be announced during the semester), the student can make one attempt to obtain a signature after paying the service fee specified in the JUTTÉR as follows: submission of individual assignments submitted but not reaching the minimum score can be replaced.</p>				
CONDITIONS FOR ADMISSION TO THE EXAM	<p>During the exam period, the student has to register for the exam in the Neptun.</p>				
COURSE GRADE	0-74 points	75-94 points	95-104 points	115-134 points	135-150 points
	1 failed	2 passed	3 satisfactory	4 good	5 excellent