
ARCH510
Architectural Research Methods and Ethics

TED University
Department of Architecture
2024-2025/01 Fall
Neşe GURALLAR
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Room.D011

Type of Course: Compulsory
Semester: Fall-Spring
Course Credit Hours: (3+0+0) 3 / 5 ECTS
Pre-requisite: None
Co-requisite: None
Course Level: Graduate (MS)
Language of Instruction: English
Year of Study: Master
Class date –hours/Room: Tuesday, 9:00 am – 12:00 am / F117

Catalog Description: Architectural Research, Architectural Theories, Paradigms, Discourses. Critical Reflection. Literature Survey. Establishing the Objective and Scope. Quantitative and Qualitative Methods. Presentation of Results. Methods of Academic Publication Ethics.

Course Objectives: This course aims to clarify different stages of the research process. It helps students to select a research subject; define the question and the aim of the study; decide on an appropriate research method; review the literature; position themselves in that literature; search through libraries, archives, and the Internet. It explains how to write a text; structure it, elaborate on the main argument, and support ideas through the discussion. The course also aims to provide knowledge and critical understanding of academic ethics.

Course Learning Outcomes: Upon successful completion of this course, a student will be able to

1. Define their research subject elaborately,
2. Demonstrate the validity of their research question,
3. Employ an appropriate research method,
4. Analyze different approaches of architectural research in the literature,
5. Write a well-structured and comprehensive text to support their main argument considering ethical issues.

Method: Readings signed by [*] in the weekly schedule are obligatory for all students. Other readings are highly recommended. Attendance and participation into discussion will be graded (**10% of final grade**). For the preparation of the term paper, a proposal of a literature review (around 500 words) should be submitted and briefly presented on the week given below (**10% of final grade**). The literature review will be on the subject that the student decided. The term paper as a literature review has to develop a coherent argument through its discussions. It should not simply summarize the selected authors' perspective from the literature but also present the student's questions and arguments through the discussion. The term paper should be around 2000 words in length, **footnoted and referenced with a full bibliography**. *TEDU Manual of Style* should be used in the term paper (**60 % of final grade**). Link for the Style: <https://graduate.tedu.edu.tr/tez-formati>. Assignments will be graded (**20% of final grade**).

AI-generated text is not allowed in this course. You may use AI for literature research, but you have to report and explain how you used AI, which programs you used, which sources were reached, and how you refined your research after you got sources from AI.

Attendance: Non-attendance over 40% will directly result in FX.

Term Paper Submission: January 14, 2025

Beginning and End of the semester: September 23, 2024 – December 27, 2024

Exams: January 2-January 15, 2025

Grades: January 2-January 19, 2025

Weekly Program

24.09.2024	1	First Meeting: Introduction
01.10	2	Research and Master /Doctoral Thesis Readings: Eco, Umberto, <i>How to Write a Thesis</i> . Cambridge, Massachusetts: The MIT Press, 2015. (*Chapter 1-2) Iain Borden and Katerina Ruedi Ray. <i>The Dissertation : A Guide for Architecture Students</i> . Vol. Third Edition. New York: Routledge, 2014. Groat, Linda N. <i>Architectural Research Methods</i> . Second Edition. Hoboken, NJ: Wiley, 2013. Creswell, John W. <i>Research Design : Qualitative, Quantitative, and Mixed Methods Approaches</i> . 4th ed. Thousand Oaks, California: SAGE Publications, 2014.
08.10	3	Architectural Theories, Paradigms, Discourses Readings: Haddad, Elie, ed. 2023. <i>Contested Territory of Architectural Theory</i> . Abingdon, Oxon ; New York, NY: Routledge. (*Introduction) Crysler, C. Greig, Stephen Cairns, and Hilde Heynen. <i>The SAGE Handbook of Architectural Theory</i> . SAGE Publications, 2012. Sykes, Krista. <i>Constructing a New Agenda : Architectural Theory 1993-2009</i> . Princeton Architectural Press, 2010. Jencks, Charles, and Karl. Kropf. 2006. <i>Theories and Manifestoes of Contemporary Architecture</i> . 2nd ed. Chichester, England ; Hoboken, NJ: Wiley-Academy. Leach, Neil. <i>Rethinking Architecture</i> , London: Routledge, 1997. Nesbitt, Kate. <i>Theorizing a New Agenda for Architecture : An Anthology of Architectural Theory, 1965-1995</i> . Princeton Architectural Press, 1996. Hays, K. Michael. <i>Architecture Theory since 1968</i> . MIT, 1996.
15.10	4	Thesis/Dissertation Examples in Architecture Readings: ARCC-EAAE 2022, International Conference Proceedings, http://www.arcc-arch.org/wp-content/uploads/2022/09/ARCC-EAAE-2022_Proceedings_Digital-Version.pdf (*pages:777-797).
22.10	5	Research Question: selecting a research subject; defining the question, and the aim of the study Readings: Groat, Linda N. <i>Architectural Research Methods</i> . Second Edition. Hoboken, NJ: Wiley, 2013. (*Chapter 4-5) Assignment1: <i>Submit your research question(s) and keywords through LMS (5% of final grade)</i> Literature Survey: searching through libraries, archives, and the Internet <i>Exercise at the class: Searching through Internet with your key words</i>
29.10	6	Literature Review: reviewing literature; positioning in the literature. Readings: Groat, Linda N. <i>Architectural Research Methods</i> . Second Edition. Hoboken, NJ: Wiley, 2013. (*Chapter 5) Assignment2: <i>Submit your annotated bibliography through LMS (10% of final grade)</i>
05.11	7	RESEARCH PROPOSALS: A proposal of a literature review (around 500 words) on the chosen subject should be submitted and presented at the class. The proposal should include the full bibliography (10% of final grade).
12.11	8	Methods: Qualitative, Quantitative or Mixed Creswell, John W. <i>Research Design : Qualitative, Quantitative, and Mixed Methods Approaches</i> . 4th ed. Thousand Oaks, California: SAGE Publications, 2014. (*Part 1-Chapter 1)
19.11	9	Writing: how to write a text, how to structure it, how to elaborate on the main argument, and how to support ideas through the discussion. Readings: Iain Borden and Katerina Ruedi Ray. <i>The Dissertation : A Guide for Architecture Students</i> . Vol. Third Edition. New York: Routledge, 2014. (*Chapter 4) Eco, Umberto, <i>How to Write a Thesis</i> . Cambridge, Massachusetts: The MIT Press, 2015. (*Chapter 5) Assignment3: <i>Submit the outline (titles and subtitles) of your literature review through LMS (5% of final grade)</i>

26.11	10	<p>Academic Ethics in Writing: Avoiding Plagiarism and Misuses of Sources, Citing Sources, Direct Quoting, Paraphrasing.</p> <p>*Harvey, Gordon. <i>Writing with Sources: A Guide for Harvard Students</i>. Second edition. Indianapolis, Ind.: Hackett Pub. Co., 2008.</p> <p><i>Exercise at the class: Examples of Direct Quoting and Paraphrasing (to paraphrase do not look at the text).</i></p> <p>Tools for Reference Management: EndNote, Zotero, Mendeley etc.</p> <p>Readings:</p> <p>*Homol, Lindley. "Web-Based Citation Management Tools: Comparing the Accuracy of Their Electronic Journal Citations." <i>The Journal of Academic Librarianship</i> 40, no. 6 (November 1, 2014): 552–57. https://doi.org/10.1016/j.acalib.2014.09.011.</p> <p>Watkins, Alexander. "Zotero for Personal Image Management." <i>Art Documentation: Journal of the Art Libraries Society of North America</i> 32, no. 2 (September 1, 2013): 301–13. https://doi.org/10.1086/673519.</p>
03.12	11	<p>Academic Ethics in Research and Publishing</p> <p>Readings:</p> <p>*European University Institute Code of Ethics in Academic Research Yükseköğretim Kurumları Bilimsel Araştırma ve Yayın Etiği Yönetmeliği.</p>
10.12	12	STUDENT's TERM PAPER PRESENTATIONS
17.12	13	STUDENT's TERM PAPER PRESENTATIONS
24.12.2024	14	STUDENT's TERM PAPER PRESENTATIONS