
ARCH510
Architectural Research Methods and Ethics

TED University
Department of Architecture
2022-2023/02 spring
Neşe GURALLAR
Prof. Dr.

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

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. A one-page brief of the compulsory reading of the week should be submitted every week (20% of final grade). Each student has to choose one of the weeks to moderate the discussion by preparing at least 3 questions which should be sent in advance by an e-mail to the class (10% of final grade). For the preparation of the term paper, a proposal of a thesis/dissertation review (around 500 words) should be submitted and briefly presented on the week given below (10% of final grade). A critical review of a thesis (Master or PhD) in architecture is expected. The term paper has to develop a coherent argument through its discussions. It should not simply summarize the selected author's perspective 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. *The Chicago Manual of Style* should be used in the term paper (60 % of final grade).

Term Paper Submission: June 14, 2023, Wednesday

Beginning and End of the semester: February 20 – June 2, 2023

Exams: June 5-June 16, 2023

Grades: June 5-June 19, 2023

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Schedule:

20.02	1	First Meeting: Introduction
27.02	2	Epistemologies of Knowledge Readings: Audi, Robert. <i>Epistemology : A Contemporary Introduction to the Theory of Knowledge</i> . 3th ed. Routledge Contemporary Introductions to Philosophy. Routledge, 2011. (*Introduction 1-11) Anastasia Marinopoulou. <i>Critical Theory and Epistemology : The Politics of Modern Thought and Science</i> . Manchester University Press; 2017.
06.03	3	Architectural Knowledge and Research Readings: *Schrijver, Lara. "Introduction: Tacit Knowledge, Architecture and Its Underpinnings". In <i>The Tacit Dimension : Architecture Knowledge and Scientific Research</i> . Leuven University Press, 2021. Luck, Rachael. "Design Research, Architectural Research, Architectural Design Research: An Argument on Disciplinarity and Identity." <i>Design Studies</i> 65 (November 1, 2019): 152–66. Jonathan Hill. "Design Research: The Next 500 Years." <i>ARENA Journal of Architectural Research</i> 7, no. 1 (February 1, 2022). https://doi.org/10.5334/ajar.287 .
13.03	4	(Architectural) Research Methods: Quantitative, Qualitative, etc. Readings: 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. (*Chapter 3) Creswell, John W. <i>Research Design : Qualitative, Quantitative, and Mixed Methods Approaches</i> . 4th ed. Thousand Oaks, California: SAGE Publications, 2014.
20.03	5	Architectural Theories, Paradigms, Discourses Readings: 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. Nesbitt, Kate. <i>Theorizing a New Agenda for Architecture : An Anthology of Architectural Theory, 1965-1995</i> . Princeton Architectural Press, 1996. (*Introduction) Hays, K. Michael. <i>Architecture Theory since 1968</i> . MIT, 1996.
27.03	6	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).
03.04	7	RESEARCH PROPOSALS: A proposal of a thesis/dissertation review (around 500 words) should be submitted and presented at the class.
10.04	8	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)
17.04	9	Literature Survey: reviewing literature; positioning in the literature; searching through libraries, archives, and the Internet Readings:

		Smith, Korydon H. <i>Introducing Architectural Theory : Debating a Discipline</i> . Routledge, 2012. (*Appendix 4, 409-410)
24.04	10	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)
01.05	11	MAY 1- Labor Day
08.05	12	Academic ethics: Avoiding Plagiarism and Misuses of Sources, Citing Sources, Direct Quoting, Paraphrasing. Readings: *Harvey, Gordon. <i>Writing with Sources: A Guide for Harvard Students</i> . Second edition. Indianapolis, Ind.: Hackett Pub. Co., 2008. Tools for Reference Management: EndNote, Zotero, etc. Readings: *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 . 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 .
15.05	13	STUDENT's TERM PAPER PRESENTATIONS
22.05	14	STUDENT's TERM PAPER PRESENTATIONS
29.05	15	STUDENT's TERM PAPER PRESENTATIONS