Course Number: ARC6242

Course Title: Research Methods

Term: Fall 2025 Credits: 3

Meeting Schedule: R 3-5 (Thursdays, 9:35 AM – 12:35 PM)

Meeting Location: Antevy Hall, AH 0423

Instructor: Bradley Walters, AIA

Associate Director of Graduate Programs

Edward M. "Ted" Fearney Endowed Associate Professor of Architecture

School of Architecture

College of Design, Construction & Planning | University of Florida

http://studiowalters.com

Contact Information: Office Location: Antevy Hall, AH 0236

Email Address: bradley.walters@ufl.edu

Telephone No.: (352) 294-1462

TA: Not Applicable

TA Contact Info: Not Applicable

Office Hours: For F25, office hours will be Thursdays and Fridays, periods 7-8

(1:55 PM – 3:50 PM EST), or by appointment. To reserve a meeting time, go to: https://linktr.ee/bradley.walters (or use QR code, at right). Please email instructor for special accommodations including

online or phone meetings, if needed.

SYLLABUS Latest Revision: 15 August 2025



01. COURSE DESCRIPTION 1

ARC 6242 Research Methods (3 Credits, Grading Scheme: Letter Grade)

This course is an introduction to advanced architectural research methods. It includes a range of approaches, including those traditionally associated with the humanities and those based in scientific practices.

02. INTRODUCTION AND OVERVIEW

ARC 6242 Research Methods is a formal introduction to methods of research at the graduate level. The course is designed to prepare students to undertake the sustained research project required for their Master of Architecture (M.Arch) degree at the University of Florida. Because each student's goals are unique and thus every project is distinct, students must individualize participation and production according to specific research interests. To serve the diversity of the student interests and the inclusive nature of the architectural discipline, a wide range of research techniques will be introduced. Students are asked to review critically these frameworks and to propose appropriate methodological structures for their work over the next year.

At different times and in different places, architecture has been understood as a mechanical art, as a liberal art, as a cultural production, even as a social art. Architecture has been closely associated with engineering, urban design, interior and landscape architecture. Our discipline also connects with fine arts, literature, philosophy, and other humanities. As a result, readings will cover a range of disciplines and will be edited for brevity to serve as an introduction to topics—a beginning of research rather than the end of an inquiry.

This course seeks to provide the following: (1) resources for Thesis/PILOT research (working sources); (2) tactics and strategies (working methods); and (3) proposal development (as a working document). To ensure that every student is prepared to undertake the thesis or project-in-lieu-of-thesis (PILOT), this course includes assignments and exercises related to reading, writing, analyzing, constructing, and presenting. Weekly work includes the submission of writing fragments, reading analysis, continuing projects (see below for additional information), and proposal components (see below) under development. At the end of the semester, students put together a full proposal as a working document to continue their thesis/PILOT over the coming year.

A note about working groups: Early in the process, the instructor will work with students to form working groups based on their particular topical and methodological interests. These working groups are emergent; and, in that sense, they are not meant to

_

¹ University of Florida Graduate School Course Catalog, https://gradcatalog.ufl.edu/graduate/courses-az/architecture/

lock a student into a particular topic of project. Instead, they provide a forum for students to explore their interests, to consider what kind of research they will carry out, and to make connections with faculty who share their interests.

03. COURSE OBJECTIVES AND GOALS: STUDENT LEARNING OUTCOMES (SLOs)

By the end of this course, students will be able to:

- Understand a range of approaches used by architects to create and disseminate knowledge focused on design and the built environment.
- Recognize variable criteria and/or changing conditions, and be able to identify appropriate research approaches in response to these ever-changing conditions.
- Understand how new knowledge advances architecture as a cultural force, drives innovation, and prompts the continuous improvement of the discipline.
- Engage and participate in architectural research to test and evaluate innovations in the field.
- Demonstrate the ability for <u>self-assessment and self-criticism</u> and the ability to establish intellectual positions, frames of reference, and appropriate responses to social, cultural, environmental, logistical, and/or professional issues of our discipline.
- Demonstrate <u>visual</u>, <u>verbal</u>, <u>and text-based communications skills</u> necessary to conduct research and communicate effectively.

04. WEEKLY COURSE SCHEDULE OF TOPICS AND ASSIGNMENTS

Week	Date	Topic/Assignment	Readings
01	Thursday, 08/21	Introduction to Architectural Research and Academic Inquiry Students will be asked to complete a brief introductory survey and content pre-assessment (ungraded) that will serve as a reference for later summary course assessments. We will begin the course with a fundamental question: What is "research?" This leads to additional questions, and provokes our discussion into research methods, broadly defined. We will discuss the particulars of architectural research, including its role in expanding disciplinary boundaries. The systematic research process will also be introduced. We will talk about the thesis within the specific institutional context of the UF M.Arch program, and how it is differentiated from essays, class papers, studio projects, capstone projects, undergraduate theses, university scholars, and other research efforts that may be familiar to students. This initial class will also include a faculty introduction and a practical overview of the course, including its structure, format, topical sequence, expectations, assignments, and grading. Key Concepts: Research definitions, types, importance, scope, disciplinary boundaries, knowledge generation, academic inquiry.	 Groat, Architectural Research Methods: Ch 1 "The Scope of this Book" + Ch 2 "Does Design Equal Research," 3-61. Frayling, Research in Art and Design, 1–5.

Week	Date	Topic/Assignment	Readings	
02	Thursday, 08/28	Foundations of Research: Ontology, Epistemology, and Ethics This week delves into the philosophical underpinnings of research. It involves a deep exploration of the underlying ontological (nature of reality) and epistemological (nature of knowledge) assumptions that shape research methodologies. Various paradigms of inquiry, such as positivism, interpretivism, and pragmatism, will be examined for their relevance to architectural studies. The indispensable role of theory in informing and structuring research will be discussed. We will consider the ethical considerations in architectural research, including data collection protocols, privacy, intellectual property, responsible conduct of research, and the ethics of claim-making. Key Concepts: Ontology (nature of reality), epistemology (nature of knowledge), axiology (values), research paradigms, research ethics, theoretical frameworks.	Groat, Architectural Research Methods: Ch 3 "Systems of Inquiry and Standards of Quality Research," 63-99.	
03	Thursday, 09/04	Qualitative Research Methods in Architecture This week focuses on the principles of qualitative research, emphasizing its exploratory nature and ability to uncover underlying reasons, opinions, and motivations. A detailed exploration of its applications in architecture will be undertaken, particularly for studying the social, cultural, and psychological aspects of the built environment, such as user needs, preferences, behaviors, and satisfaction. Common qualitative methods will be introduced, including in-depth interviews, ethnographic observations, document analysis, and case studies. The advantages and limitations inherent in qualitative approaches will also be discussed. Key Concepts: Exploratory research, non-numerical data, rich and detailed data, theory development, subjectivity, bias, transferability vs. generalizability.	Groat, Architectural Research Methods: Ch 7 "Qualitative Research," 215-261.	
04	Thursday, 09/11	Quantitative Research Methods in Architecture This session covers the principles of quantitative research, focusing on its objective of measuring, testing relationships, differences, and effects of variables. The applications of quantitative research in architecture will be explored, particularly for studying the physical, environmental, and technical aspects of the built environment, such as performance, efficiency, quality, and safety. An overview of common quantitative methods will be provided, including surveys, experiments, simulations, and correlational analysis. Discussions will address the challenges and techniques for operationalizing abstract constructs and using proxy variables in architectural research. An introduction to basic descriptive statistics and principles of statistical inference will be included. Key Concepts: Numerical data, objectivity, generalizability, hypothesis testing, variables, measurement, statistical analysis, operationalization, proxy variables.	Muratovski, Research for Designers: Ch 5 "Quantitative Research," 105-156.	

Week	Date	Topic/Assignment	Readings		
05	Thursday, 09/18	Historical and Theoretical Research Approaches This week offers an in-depth exploration of historical research methods, including the identification and analysis of primary (written, visual, oral resources) and secondary resources. The systematic process of architectural investigation will be discussed, encompassing detailed documentation, inventory, and the analysis of architectural changes over time. An overview of specialized historical methods such as building investigations, landscape surveys, historic characterization, and targeted archaeological methods will be provided. An introduction to theoretical frameworks will cover descriptive, explanatory, predictive, and prescriptive models. A critical examination of major architectural theories (e.g., functionalism, structuralism, post-structuralism, semiotics, critical theory, feminist theory, ecological design, postmodernism) and their application as analytical lenses for architectural inquiry will conclude the discussion. This week bridges the humanities aspect of architectural research with practical investigation techniques, enabling students to approach architectural phenomena with a nuanced historical and theoretical perspective. Key Concepts: Historiography, archival research, critical theory, discourse analysis, interpretive approaches, contextual analysis, theoretical lens.	Groat, Architectural Research Methods: Ch 6 "Historical Research," 173-214.		
06	Thursday, 09/25	Design-Led, Experiential, and Creative Research Methods This week is dedicated to defining and differentiating Design-Based Research (DBR) and Research by Design (RbD) as distinct architectural research approaches, emphasizing design as a medium for investigation and embodying the concept of "thinking by doing." The epistemological shift from "knowing what design is" and "knowing how to design" to "knowing through design" will be examined, alongside the exploration of generative and propositional modes of producing knowledge through design. Critical analysis of the challenges involved in making design-generated knowledge explicit, openly communicated, and peer-reviewed will also be covered. Beyond formal design research, this module will explore a wider set of creative and experiential approaches to architectural inquiry. This includes understanding "art as method" and the roles of drawing, sketching and abstract concepts like "point, line, plane" in generating insights. We will delve into "sensing" and "phenomena," discussing how sensory experiences and the qualitative aspects of space can be rigorously investigated. The power of narrative, film, and music composition as methods for understanding and communicating architectural ideas will be discussed, treating them as forms of spatial storytelling and composition. Furthermore, travel as method and the deep investigation of place will be examined as ways to conduct ethnographic, site-specific, and experiential research through movement and observation. Key Concepts: Practice-based research, action research, reflective practice, embodied knowledge, iterative experimentation, design as inquiry, propositional knowledge, art as method, visual inquiry, phenomenology, narrative inquiry, spatial storytelling, travel as method, tacit knowledge.	Tharp, The Creative Habit: Ch 1 "I walk into a white room," Ch 2 "Rituals of preparation" and "Exercises," 2-33.		

Week	Date	Topic/Assignment	Readings		
07	Thursday, 10/02 YOM KIPPUR	Mixed Methods and Case Study Research This session introduces mixed methods research, emphasizing its approach of combining qualitative and quantitative methodologies in a single study or series of studies. Discussions will cover the philosophical and methodological underpinnings that guide the choice of a particular mixed methods design. Practical guidance on designing and undertaking mixed methods research (including the advantages and disadvantages) and how multiple sources of data can be combined will be discussed. The week will also delve into case study research, defining it as the analysis of existing buildings, projects, and places to serve as inspiration, guidance, or critical arguments during the design process. Students will learn how to analyze architectural case studies, covering contextual analysis, design analysis, building requirements, function, services, site analysis, architectural style, circulation, structure, construction, access, and approach. Key Concepts: Triangulation, sequential designs, concurrent designs, transformative designs, multi-modal data integration, descriptive case studies, explanatory case studies, exploratory case studies.	Groat, Architectural Research Methods: Ch 12 "Case Studies and Combined Strategies," 415-451.		
08	Thursday, 10/09	Midterm Exam This class will be focused on the Midterm Exam, which will evaluate your understanding of research approaches introduced in the first half of the class.			
09	Thursday, 10/16	Research Problem Identification Following the midterm exam and interim studio reviews, the focus shifts to the crucial process of identifying a research problem. Topics include developing a research problem statement, elaborating on the topic, formulating a clear research question, and developing a working hypothesis. In-class discussions and exercises will facilitate this process. The ability to identify and articulate a compelling research problem is fundamental to any successful research endeavor. This week's activities, including individually-determined creative work, are designed to solidify students' capacity to transition from broad interests to specific, researchable questions, a critical step in the research journey. Key Concepts: Problem statement, research question, hypothesis, scope, delimitations, feasibility.	Jarzombek, A Thesis, 6-8. Salomon, Experimental Cultures, 33-44.		
10	Thursday, 10/23	Independent Research Development + Small Group Discussions This week is a designated working day, providing students with dedicated time for independent research development. This allows students to consolidate learning from the first half of the course, refine their chosen research problem, and begin initial literature searches for their research proposal. Key Concepts: Self-directed learning, preliminary literature search, topic refinement.	Students to individually identify 3 or more critically- relevant readings		

Week	Date	Topic/Assignment	Readings
11	Thursday, 10/30	Writing the Literature Review This week focuses on the critical skill of writing a comprehensive literature review. The literature review is not merely a summary of existing works, but a critical analysis that provides the foundation for a conceptual framework and informs the research methodology. Topics include the purpose and structure of a literature review, methods for demonstrating knowledge of the research topic, identifying gaps in existing literature, and positioning one's research within the broader academic discourse. Different organizational approaches for literature reviews will be explored, including chronological, thematic, and methodological structures, with emphasis on selecting the most appropriate approach for a given research topic. Key Concepts: Literature review structure, synthesis, critical analysis, gap identification, theoretical framework, chronological, thematic, methodological organization.	Groat, Architectural Research Methods: Ch 5 "What's Your Question? Literature Review and Research Design," 141-169. Lucas, Research Methods for Architecture: Ch 3 "Building your literature review," 47- 57.
12	Thursday, 11/06	Developing the Research Proposal: Structure and Content This week is dedicated to the comprehensive development of the research proposal, building upon the problem statement and literature review. Topics include the overall structure and content of a scientific research paper and proposal. Detailed guidance will be provided on articulating the research problem, objectives, methodology, scope, parameters, rationale, and expected results. This week marks a pivotal point where students integrate all prior learning into a coherent and actionable research plan. The proposal serves as the blueprint for their culminating research, demanding clarity, logical progression, and a thorough justification of their chosen approach. Key Concepts: Research proposal components, objectives, methodology, scope and limitations, expected outcomes, feasibility.	Lucas, Research Methods for Architecture: Ch 1 "Defining your research question," Ch 2 "Defining your research methodology," 24-45. Akšamija, Research Methods for the Architectural Profession: Part 2 "Research Process," 33-58.
13	Thursday, 11/13	Data Collection Methods and Analysis Strategies This week focuses on the practical aspects of data collection ana analysis. Topics include a detailed examination of various data collection methods relevant to architectural research, such as observations, interviews, questionnaires/surveys (quantitative and qualitative), photographic surveys, map-making (GIS/Remote Sensing), and experimentation / practical modeling. The session will also cover strategies for data presentation and analysis, ensuring students can effectively process and interpret their collected information. Key Concepts: Data collection techniques, qualitative data analysis, quantitative data analysis, mixed methods analysis, validity, reliability, triangulation.	• Lucas, Research Methods for Architecture: Ch 5 "Conducting and documenting fieldwork," Ch 6 "Conducting interviews and communication," Ch 7 "Writing up," 68- 101.

Week	Date	Topic/Assignment	Readings
14	Thursday, 11/20	Research Proposal Refinement and Final Presentations This final week is dedicated to the comprehensive refinement of the research proposal, with a strong emphasis on integrating all components, including the methodology and overall research plan. Students will engage in final in-class discussions and peer reviews, presenting their refined proposals for constructive feedback. The session will also include a course wrap-up, summarizing key takeaways and discussing the transition from proposal development to actual research execution. This concluding session ensures that students leave the course with a fully-developed and robust research proposal, prepared for the next stage of their graduate studies. Students will be asked to complete a class "post-assessment" to evaluate the class, as a part of our curricular processes of continual improvement over time. Key Concepts: Final proposal review, research plan, readiness for thesis/PILOT, synthesis of course learning.	Johnson, A Short Guide to Academic Writing: Ch 2 "Writing is a Very Messy Process," Ch 3 "Reading Critically," Ch 4 "Sources and Notes," Ch 5 "Taking Notes," Ch 6 " Writing With Your Unconscious," 5-27.
15	Thursday, 11/27	No Class Meeting – Thanksgiving Holiday	
16	Thursday, 12/04	No Class Meeting – Reading Day	
17	Monday, 12/08 (10:00 AM – 12:00 PM)	Final Exam: Research Proposals + Writing Fragments Due	

05. METHODS BY WHICH STUDENTS WILL BE EVALUATED AND GRADES DETERMINED

Student grades will be determined based on grades from a series of exercises, exams, assignments, and/or performance criteria, with the weighting as shown:

Assignment	% of Final Grade
Midterm Exam	35%
Final Exam: Research Proposal + Writing Fragment	35%
Reading Responses (one-page, typewritten responses for each assigned reading)	10%
In-Class Peer Assessments	10%
Participation and Engagement	10%
OVERALL COURSE GRADE	100%

Assignment particulars will be discussed in class and posted to the canvas e-learning site.

Inadequate work

Letter Grade Numeric Grade Grade Points Qualitative Description Α 100% to 94.0% 4.0 Outstanding work only Minimum Cumulative A-< 94.0% to 90.0% 3.67 Close to outstanding PASSING GRADES GPA = 3.0B+ < 90.0% to 87.0% 3.33 Very good work 3.0 В < 87.0% to 84.0% Good work B-< 84.0% to 80.0% 2.67 Good work with some problems C+ < 80.0% to 77.0% 2.33 Slightly above average work С < 77.0% to 74.0% 2.0 Average work C-< 74.0% to 70.0% 1.67 Average work with some problems FAILING GRADES D+ < 70.0% to 67.0% Poor work with some effort 1.33 D < 67.0% to 64.0% 1.0 Poor work D-< 64.0% to 61.0% 0.67 Poor work with some problems

06. GRADUATE SCHOOL GRADING SCALE + QUALITATIVE DESCRIPTIONS

< 61.0% to 0.0%

Information on current UF grading policies for assigning grade points is available online in the UF Graduate Catalog (https://catalog.ufl.edu/graduate/regulations/#text; click on Graduate Catalog → Graduate Academic Regulations → Grades).

0.0

Please note that the University of Florida Graduate School requires students to maintain a minimum cumulative GPA of 3.0. Grades of C-minus or lower are considered to be failing grades. Note that you cannot graduate with any failing grades (C-minus or lower) or incomplete ("I") grades on your transcript.

An incomplete grade may be assigned at the discretion of the instructor as an interim grade only in cases of extreme extenuating and unforeseen circumstances (e.g., health emergency, accident, severe illness, etc.).

07. REQUIRED AND RECOMMENDED TEXTBOOKS

This class does not have any required textbooks. The following list includes recommended textbooks, references, readings, and/or websites that will be used in the course:

Principal References

Ε

Groat, Linda N., and David Wang. 2013. *Architectural Research Methods*. Second. Hoboken, New Jersey: John Wiley & Sons, Inc.

Lucas, Ray. 2016. Research Methods for Architecture. London: Laurence King Publishing.

Muratovski, Gjoko. 2016. Research for Designers: A Guide to Methods and Practice. Los Angeles: Sage.

Johnson, Andrew P. 2003. A Short Guide to Academic Writing. University Press of America.

Dorst, Kees. 2015. Frame Innovation: Create New Thinking by Design. Cambridge, Massachusetts: The MIT Press.

Supplemental References

Ajla Akšamija. 2021. Research Methods for the Architectural Profession. New York: Routledge, Taylor & Francis Group.

Albers, Josef. 1969. Search versus Re-Search: Three Lectures by Josef Albers at Trinity College, April 1965. Trinity College Press.

Andrey Tarkovsky. 1986a. Sculpting in Time. London: Bodley Head.

https://monoskop.org/images/d/dd/Tarkovsky_Andrey_Sculpting_in_Time_Reflections_on_the_Cinema.pdf. Bachelard, Gaston. (1958) 1994. *The Poetics of Space*. Boston: Beacon Press.

Balmond, Cecil, Jannuzzi Smith, and Christian Brensing. 2003. Informal. Munich; New York: Prestel.

Belcher, Wendy Laura. 2019. Writing Your Journal Article in Twelve Weeks: A Guide to Academic Publishing Success. Chicago: University of Chicago Press.

Booth, Wayne C, Gregory G Colomb, and Joseph M Williams. 2008. *The Craft of Research.* Third. Chicago: The University of Chicago Press. https://bpb-us-

e1.wpmucdn.com/sites.psu.edu/dist/c/4578/files/2017/02/The Craft of Research Third Edition book - 1yd0481.pdf

Bronowski, Jacob. 1978. The Origins of Knowledge and Imagination. New Haven: Yale University Press.

Casey, Edward S. 1997. *The Fate of Place: A Philosophical History*. Berkeley: University Of California Press. Chi, Lily. "Introduction: Design as Research." *Journal of Architectural Education (1984-)* 54, no. 4 (2001): 250–250. http://www.istor.org/stable/1425659.

Corner, James M, and Alex S Maclean. 2000. *Taking Measures across the American Landscape*. New Haven; London: Yale University Press.

Deming, M. Elen, and Simon Swaffield. 2011. Landscape Architecture Research: Inquiry, Strategy, Design. Hoboken, NJ: John Wiley & Sons, Inc.

Eisenman, Peter. 1999. Diagram Diaries. New York: Universe.

Eisenman, Peter. 2018. *The Formal Basis of Modern Architecture*. Zurich, Switzerland: Lars Müller Publishers. Eisenstein, Sergei . (1949) 1977. *Film Form: Essays in Film Theory*. Edited and translated by Jay Leyda. New York, NY: Harcourt Brace Jovanovich.

Frayling, Christopher. 1993. "Research in Art and Design." Royal College of Art Research Papers 1 (1): 1–5. https://researchonline.rca.ac.uk/id/eprint/384.

Garcia, Mark. 2010. The Diagrams of Architecture. AD.

Greenaway, Peter. 1991. Prospero's Books.

Gregotti, Vittorio. 1996. *Inside Architecture*. Chicago, Ill: Graham Foundation for Advanced Studies in the Fine Arts. Hejduk, John. 1989. "A Matter of Fact." *Vladivostok* (New York: Rizzoli): 15

Hekel, Frank, and Robert Clocker, eds. 1996. *Thresholds*. Vol. 12. Cambridge, MA: Massachusetts Institute of Technology Department of Architecture. https://direct.mit.edu/thld/issue/number/12.

Hensel, Michael U. 2013. Design Innovation for the Built Environment. Routledge.

Jarzombek, Mark. 1996. "A Thesis." Thresholds 12 (January): 6-8. https://doi.org/10.1162/thld_e_00570.

Kandinsky, Wassily. (1926) 1947. *Point and Line to Plane*. Edited by Walter Gropius and L. Moholy-Nagy. Translated by Howard Dearstyne and Hilla Rebay. New York: Solomon R. Guggenheim Foundation.

Kepes, Gyorgy. 1944. Language of Vision. Chicago, Illinois: Paul Theobald and Company.

Klee, Paul. 1961. Paul Klee Notebooks: Volume 1 the Thinking Eye. Edited by Jürg Spiller. Translated by Ralph Manheim. London: Percy Lund, Humphries & Co., Ltd.

Koolhaas, Rem, James Westcott, Ben Davis, Tom Avermaete, Rebecca Bego, sponsoring body Izdatel'skaia gruppa AMO, Harvard University. Graduate School of Design sponsoring body., and International Architectural Exhibition. *Elements*. Edited by James Westcott, Ben Davis, and Rebecca Bego. Venice: Marsilio, 2014.

Le Corbusier. 1960. Creation Is a Patient Search. New York: Praeger.

Leatherbarrow, David. 2012. "The Project of Design Research." In *Design Innovation for the Built Environment:*Research by Design and the Renovation of Practice, edited by Michael U. Hensel, 5–13. New York, NY:
Routledge.

Leedy, Paul D., and Jeanne Ellis Ormrod. 2015. *Practical Research: Planning and Design*. Eleventh Edition.

Boston: Pearson Education Limited. https://pce-fet.com/common/library/books/51/2590_%5BPaul_D._Leedy,_Jeanne_Ellis_Ormrod%5D_Practical_Res(book.org).pdf

Mccullough, Malcolm. 1998. Abstracting Craft: The Practiced Digital Hand. Cambridge, MA: MIT Press.

McDonald, Jr., Travis C. 1994. "Understanding Old Buildings: The Process of Architectural Investigation." U.S.

Department of the Interior National Park Service Cultural Resources Heritage Preservation Services, 1–12.

Accessed August 4, 2025. https://www.nps.gov/orgs/1739/upload/preservation-brief-35-architectural-investigation.pdf

Megahed, Yasser. 2017. "On Research by Design." De Montfort University Open Research Archive. https://core.ac.uk/outputs/228196914/.

Morris, Robert. 1995. Continuous Project Altered Daily. An October Book. Cambridge, MA: MIT Press. Nicolaides, Kimon. 1941. The Natural Way to Draw: A Working Plan for Art Study. Boston: Houghton Mifflin Company.

Pallasmaa, Juhani. 1996. The Eyes of the Skin. Chichester Wiley.

Pallasmaa, Juhani. 2012. *The Eyes of the Skin : Architecture and the Senses.* 3rd ed. Chichester: Wiley. Picon, Antoine. 2010. *Digital Culture in Architecture: An Introduction for the Design Professions.* Boston, MA: Birkhaeuser.

Rogers, Carl R. 1961. On Becoming a Person: A Therapist's View of Psychotherapy. Boston: Houghton Mifflin Company.

Ryker, Lori. 1995. *Mockbee Coker: Thought and Process*. 1st ed. New York, NY: Princeton Architectural Press. Salomon, David. 2011. "Experimental Cultures: On the 'End' of the Design Thesis and the Rise of the Research Studio." *Journal of Architectural Education* 65 (1): 33–44. https://doi.org/10.1111/j.1531-314x.2011.01172.x.

Schön, Donald A. 1983. *The Reflective Practitioner: How Professionals Think in Action*. London: Temple Smith. Serra, Richard. 1994. *Writings, Interviews*. Chicago: University Of Chicago Press.

SPACE. 2024. "Common Types of Research Methodology in Architecture." Space Studies. May 28, 2024. https://spacestudies.co.uk/blog/common-types-of-research-methodology-in-architecture/.

Stravinsky, Igor. 1947. *Poetics of Music in the Form of Six Lessons*. Translated by Arthur Knodel and Ingolf Dahl. Cambridge, MA: Harvard University Press.

Tharp, Twyla. 2006. The Creative Habit: Learn It and Use It for Life. New York: Simon & Schuster.

Tschumi, Bernard, 2014, Notations: Diagrams & Sequences, London: Artifice Books On Architecure.

Verbeke, Johan. 2016. "This Is Research by Design." In *Design Research in Architecture: An Overview*, edited by Murray Fraser, 137–59. New York, NY: Routledge.

Woods, Lebbeus, and Guy Lafranchi. 2003. *GR(O)UND: Workshop 2002*. Wien; New York: Springer.

Zambonini, Giuseppe. 1988. "Notes for a Theory of Making in a Time of Necessity." *Perspecta* 24 (1988): 3–23. https://doi.org/10.2307/1567120.

Zinsser, William Knowlton. 2001. On Writing Well: The Classic Guide to Writing Nonfiction. New York: Harper Collins.

UF Logistical References + Technical Tools

"Institutional Review Board." n.d. University of Florida. https://irb.ufl.edu/.

"Thesis, Dissertation, & Publication - Graduate Student Success - University of Florida." 2025. University of Florida. https://success.grad.ufl.edu/td/.

Bartlett UCL. 2022. "Bartlett Design Research Folios." Bartlettdesignresearchfolios.com. 2022. https://www.bartlettdesignresearchfolios.com/.

Belcher, Wendy Laura. 2019. "Writing Your Journal Article in Twelve Weeks: WYJA Forms." Wendybelcher.com. https://wendybelcher.com/writing-advice/workbook-forms/.

Dunleavy, Patrick, and Writing For Research. 2014. "How to Write Paragraphs - Advice for Authoring a PhD or Academic Book - Medium." Medium. Advice for authoring a PhD or academic book. March 26, 2014. https://medium.com/advice-and-help-in-authoring-a-phd-or-non-fiction/how-to-write-paragraphs-80781e2f3054.

Dunleavy, Patrick, and Writing For Research. 2016. "Structuring and Writing Academic Papers - Writing for Research - Medium." Medium. September 25, 2016. https://medium.com/@write4research/structuring-and-writing-academic-papers-5ccae16c33a4.

Engincan, Pinar, SPACE, et al. 2024. "Structure of a Journal Article." SPACE: Studies of Planning and Architecture Consulting & Education. June 25, 2024. https://spacestudies.co.uk/blog/structure-of-a-journal-article/.

Kelsky, Karen. 2011. "Dr. Karen's Foolproof Grant Template." The Professor Is In. July 5, 2011. https://theprofessorisin.com/2011/07/05/dr-karens-foolproof-grant-template/.

MyBib. 2025. "MyBib." https://www.mybib.com/.

Purdue University. 2015. "OWL // Purdue Writing Lab." Purdue Writing Lab. 2015. https://owl.purdue.edu/.

08. MATERIALS AND SUPPLIES FEES

This class has an Additional Course Fee of \$1.00.

09. ADDITIONAL REQUIREMENTS FOR QUEST AND GENERAL EDUCATION COURSES

Not applicable.

10. UF ACADEMIC POLICIES & RESOURCES

Additional UF "Academic Policies & Resources" are available here: https://go.ufl.edu/syllabuspolicies. These policies and resources include:

- Requirements for class attendance, make-up exams, and assignments
- Processes for students with disabilities who may require accommodations
- Current UF grading policies
- Expectations for course evaluations and constructive feedback
- The University's Honesty Policy regarding cheating, plagiarism, etc.
- In-class recording of class lectures for personal use
- Academic resources, including contact information
- Campus health and wellness resources, including contact information

11. NAAB ACCREDITATION CRITERIA ADDRESSED IN THIS COURSE 2

In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB) is the sole agency authorized to accredit

² Student Criteria are from the *NAAB Conditions for Accreditation, 2020 Edition,"* as prepared by The National Architectural Accrediting Board, Inc. (NAAB), published 10 February 2020 (Revised 1 May 2025), accessed at: https://www.naab.org/accreditation/accreditation-criteria.

professional degree programs in architecture in the U.S. In support of the University of Florida's continued accreditation by NAAB, the following criteria are explicitly addressed in this course:

- SV.5 **Shared Value: Knowledge and Innovation**: Architects create and disseminate knowledge focused on design and the built environment in response to ever-changing conditions. New knowledge advances architecture as a cultural force, drives innovation, and prompts the continuous improvement of the discipline.
- PC.5 **Research and Innovation:** Students should be prepared to engage and participate in architectural research to test and evaluate innovations in the field.

12. CHANGES AND REVISIONS TO SYLLABUS

This syllabus will change as projects unfold in parallel with unanticipated social, cultural, and/or environmental events. Changes will be discussed during regular class meetings and/or posted to the course e-learning site.

COURSE CALENDAR – FALL 2025

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
WEEK 01	08/18 Coordination Meetings	08/19	08/20	08/21 PRE ASSESSMENT	08/22 Studio Lottery + Introductions 10:40am – 12pm	08/23 Graduate Student/Faculty Picnic 12-2 PM	08/24
WEEK 02	08/25	08/26	08/27 Last Day of Drop/Add	08/28	08/29	08/30 UF v. LIU	08/31
WEEK 03	09/01 LABOR DAY HOLIDAY	09/02	09/03	09/04	09/05	09/06 UF v. USF	09/07
WEEK 04	09/08	09/09	09/10	09/11	09/12	09/13 UF at LSU	09/14
WEEK 05	09/15	09/16	09/17 G1/G3 REVIEWS	09/18	09/19	09/20 UF at U.Miami	09/21
WEEK 06	09/22 Rosh Hashanah	09/23 <u>Rosh Hashanah</u>	09/24 <u>Rosh Hashanah</u>	09/25	09/26	09/27	09/28
WEEK 07	09/29	09/30	10/01 Yom Kippur	10/02 <u>Yom Kippur</u>	10/03	10/04 UF v. U.Texas	10/05
WEEK 08	10/06 Sukkot	10/07 <u>Sukkot</u>	10/08 <u>Sukkot</u>	10/09 MIDTERM EXAM Sukkot	10/10 Sukkot	10/11 Sukkot UF at Texas A&M	10/12 Sukkot
WEEK 09	10/13 Sukkot Indigenous Peoples' Day	10/14	10/15 G1/G3 REVIEWS	10/16 DCP Leadership Summit + SOA AAC Meeting	10/17 HOMECOMING HOLIDAY	10/18 UF v. Miss State Alumni Tailgate	10/19
WEEK 10	10/20 Diwali	10/21	10/22	10/23	10/24	10/25	10/26
WEEK 11	10/27	10/28	10/29	10/30	10/31 Halloween	11/01 UF v. Georgia - JAX - All Saints' Day	11/02 All Souls' Day
WEEK 12	11/03	11/04	11/05	11/06 SOA Centennial Celebration	11/07 SOA Centennial Celebration	11/08 UF at Kentucky	11/09
WEEK 13	11/10	11/11 VETERANS DAY HOLIDAY	11/12	11/13	11/14	11/15 UF at Ole Miss	11/16
WEEK 14	11/17 D1 REVIEWS Withdrawal Deadline	11/18 D1 REVIEWS	11/19 D3 REVIEWS	11/20 PEER-REVIEW + POST ASSESSMENT	11/21 Final Studio Work Due	11/22 UF v. Tennessee	11/23
WEEK 15	11/24 HOLIDAY	11/25 HOLIDAY	11/26 HOLIDAY	11/27 THANKSGIVING	11/28 HOLIDAY	11/29 UF v. FSU	11/30 Advent 1st Sun
WEEK 16	12/01 D5 REVIEWS	12/02 D7 REVIEWS	12/03 G1/G3 REVIEWS	12/04 READING DAY	12/05 CURRICULAR REVIEW	12/06 SEC Championship St. Nicholas Day	12/07 Advent 2 nd Sun
EXAMS	12/08 FINAL EXAM: RESEARCH PROPOSALS + WRITING FRAGMENTS DUE	12/09 S26 Faculty Coordination Mtgs	12/10 Exams	12/11 Exams CityLab Convocation	12/12 Exams	12/13 Commencement	12/14 Advent 3™ Sun Chanukah
	12/15 Chanukah Grades due 12:00pm	12/16 Chanukah Degree Certification	12/17 Chanukah	12/18 Chanukah	12/19 Chanukah	12/20 Chanukah	12/21 Advent 4 th Sun Chanukah