

IND 6639

Methods of Research

Spring 2022

3 credits



Meeting Time: T | Period 7-9 (1:55 - 4:55 pm)
Meeting Place: ARCH 0163
Instructor: Nam-Kyu Park, Ph.D.
Office: 354 ARCH Building
Telephone: (352) 294-1437
Email: npark@ufl.edu
Office Hours: M/W 12:50 - 1:50pm or by appointment
Zoom: <https://ufl.zoom.us/j/9876532945>, ID: 987 653 2945

COURSE DESCRIPTION

This course focuses on initiating the processes involved in planning a research project for your thesis or dissertation. It is a survey, critical analysis and synthesis of research strategies and methods in interior design or allied fields. Emphasis is placed on the identification and refinement of your topic of interest and the formulation of researchable questions with measurable constructs. In addition, you will design a study and specify the appropriate tools for discovery. Ethical concerns are also addressed with respect to the researcher's role and the protection of human subjects, including information on the Institutional Review Board (IRB) protocol for research conducted at the University of Florida. Students will complete readings, give topical presentations and complete a series of exercises, as well as prepare a proposal that may serve as a foundation for a master's thesis or a doctoral dissertation.

COURSE OBJECTIVES

This course is intended to help students:

- Communicate the ability to critically evaluate other's research.
- Demonstrate the ability to formulate researchable questions and transform those questions into a plan of research using appropriate research methods and considering ethical issues that may arise.
- Describe a variety of research strategies and tools for data collection and analysis.
- Choose appropriate methods for statistical analysis of datasets.
- Produce a coherent research proposal that may serve as a foundation for a thesis or dissertation.

REQUIRED TEXTS

- Creswell, J. W., & Creswell, J. D. (2018). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches* 5th Edition, Thousand Oaks, CA: Sage Publications.
- Bryman, A. (2016). *Social Research Methods*, 5th Edition, Oxford, UK: Oxford Uni. Press.

Recommended Texts:

- Publication Manual of the American Psychological Association (2020). 7th Edition, Washington, DC: American Psychological Association.
- Concise Rules of APA Style (2020). 7th Edition, Washington, DC: American Psychological Association.
- Gifford, R. (2015). Research Methods for Environmental Psychology. Wiley-Blackwell.
- Zeisel, J. & Eberhard, J. P. (2006). Inquiry by Design: Environment/behavior/neuroscience in architecture, interiors, landscape and planning. (Rev. Ed.) New York: W.W.Norton

COURSE FORMAT

Class format will combine lectures, assigned readings, discussions, presentations, peer critics, assignments, and proposal writing. The goal of this class is to create an environment for students to write, research and workshop their research topics in class.

In addition, each student will be closely working with a faculty-mentor on their research proposal project as they have developed it from IND5633 *Readings in Design Studies*. All students during the development of their proposal are required to meet or collaborate (email correspondence is acceptable) with their faculty mentor at least once in the semester.

CANVAS SITE

The syllabus, course assignments, due dates, additional reading material, grades and other course-related information will be available in Canvas. You are responsible for checking Canvas regularly to track assignments, due dates, etc. You must post your completed assignments to Canvas by the start of class on the due date unless otherwise instructed. Please email the assignments to the instructor, on time, if you experience technical difficulties with Canvas.

EVALUATION METHODS

Thesis/Dissertation Proposal Project (50%)

- Assignments/Class Activities
- Peer Review
- Proposal Presentation
- Final Proposal Draft

Critical Analysis of Research Strategies (30%)

- Article Review/Analysis Report
- Research Strategy Presentation

Training/Attendance/Participation (20%)

- IRB Training
- Attending UF/DCP Research Activities
- Class Participation

Grading Scale

A	= 93–100%	4.0
A-	= 90–92.9%	3.67
B+	= 87–89.9%	3.33
B	= 83–86.9%	3.0
B-	= 80–82.9%	2.67
C+	= 77–79.9%	2.33
C	= 73–76.9%	2.0
C-	= 70–72.9%	1.67
D+	= 67–69.9%	1.33
D	= 63–66.9%	1.0
D-	= 60–62.9%	0.67
E	= 0–59.9%	0.0

For further information on UF's Grading Policy, see: <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Attendance: Attendance in every class period is expected. Understanding that sickness or other unfortunate circumstances outside of your control may occur, you will be allowed to miss no more than two classes without questions. However, your assignments are still due on the originally scheduled due date, unless you make other arrangements with the instructor PRIOR to the due date. Each missed class after that will result in a 2% reduction of your final grade, unless the absence is excused and the reason for the absence verified (e.g., doctor's note). If you know in advance of a class that you will be missing it, please inform the instructor. Each student is expected to be on time for class to avoid distractions for the instructor and the other students.

Laptops, cell phones, tablets: Please bring your mobile devices to class and use them during the period for course-related purposes only. Having access to relevant information sources is important in creating an active learning environment. You may need these devices for in-class assignments.

Late Assignments: All assignments are due at the beginning of the class period on the due date unless otherwise posted. Students who seek an alternative to this rule must obtain permission from the instructor PRIOR to the due date. Late work will receive a 20% GRADE REDUCTION if it is 1-3 days (or partial days) late and 50% GRADE REDUCTION if it is 4-7 days (or partial days) late.

Disputed Grading: Any objection regarding grading of any project/paper/exam etc. must be submitted in writing within 2 weeks of receiving the grade. You must include an explanation of why you think your answer was correct or why you should have received a higher grade.

Classroom Climate: Equitable participation in this class requires the use of inclusive language, methods, and materials. Students are expected to use inclusive language in written and oral work, and to respect diversity in viewpoints expressed by others. Students are also encouraged to identify language, methods, and materials used in this course that do not contribute to an inclusive classroom climate.

Course Evaluations: Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

UNIVERSITY POLICIES

University Policy on Accommodating Students with Disabilities

“Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.”

University Policy on Academic Conduct

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Class Demeanor or Netiquette

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. Students must be respectful to one another, even when there are differing opinions. UF netiquette guidelines can be found at: [Netiquette Guide for Online Courses](#). Consequences might negatively affect an assignment grade, or for very severe cases, a report to the university administration.

CAMPUS RESOURCES

Health and Wellness

U Matter, We Care: If you or a friend is in distress, please contact umatter@ufl.edu or 352 392- 1575 so that a team member can reach out to the student.

Counseling and Wellness Center: <https://counseling.ufl.edu/>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit the Student Health Care Center website.

Sexual Assault Recovery Services (SARS): Student Health Care Center, 392-1161.

University Police Department: 392-1111 (or 9-1-1 for emergencies). <http://www.police.ufl.edu/>

UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; Visit the UF Health Emergency Room and Trauma Center website.

IND 6639 - Tentative Course Outline

Week (Date)	Topics/Activities	Readings	Assignments/Dues
Week 1 (1/11)	Course Introduction Syllabus & Course Overview MID/PhD Requirements	Creswell Ch 1, 2 Bryman Ch 1, 5	Revise the literature review paper http://gradcatalog.ufl.edu/ http://graduateschool.ufl.edu/about-us/offices/editorial/editorial-deadlines/
Week 2 (1/18)	Writing a Proposal Research Ethics: UF IRB Scientific Investigation UF Thesis Requirements	Creswell Ch 4 Bryman Ch 2, 6	Submit 2 examples of Thesis or Dissertation related your topic http://guides.uflib.ufl.edu/InteriorDesign https://irb.ufl.edu/index/requiredtraining.html
Week 3 (1/25)	Research Designs Chapter 1: Introduction Writing introduction, Formulating research questions In-class exercise: Peer review for purpose statement & RQs	Creswell Ch 1, 3, 4, 5, 6, 7 Bryman Ch 3, 4, 28	1. Submit 5 examples of the purpose statement & research questions from 5 research articles which are in the reference list of your literature review paper 2. Submit a draft of the purpose statement & research question(s) for your proposal & bring 3 copies of your purpose statement & RQs to the class
Week 4 (2/01)	Research & Theory Basic Considerations in Planning Research: Variables, Measurement, Sampling, Reliability & Validity	Creswell Ch 4, 8 Bryman Ch 7, 8	Submit a reference list & 5 journal articles related to your thesis/dissertation topic for the assignment of Article Review/Analysis Report Due: Draft INTRODUCTION section for your proposal
Week 5 (2/08)	Quantitative Strategies Survey Method <i>1. Research Strategy Presentation</i>	Creswell Ch 8 Bryman Ch 8, 10, 11 <i>Assigned article 1</i>	Due: Article Review/Analysis Report [Survey method: 1) assigned article, 2) your topic article] <i>Submit your Research Strategy Presentation Material</i>
Week 6 (2/15)	Quantitative Strategies Experimental Method <i>2. Research Strategy Presentation</i>	Creswell Ch 8 Bryman Ch 11 <i>Assigned article 2</i>	Due: Article Review/Analysis Report [Experimental method: 1) assigned article, 2) your topic article] <i>Submit your Research Strategy Presentation Material</i>

Week 7 (2/22)	Using Existing Data Quantitative Data analysis Writing Research Methods	Creswell Ch 8 Bryman Ch 14, 15	Due: Standard Questionnaires for your research topic
Week 8 (3/01)	Qualitative Strategies Interview, Focus Groups <i>3. Research Strategy Presentation</i>	Creswell Ch 9 Bryman Ch 17, 18, 20, 21 <i>Assigned article 3</i>	Due: Article Review/Analysis Report [Interview/focus groups method: 1) assigned article, 2) your topic article] <i>Submit your Research Strategy Presentation Material</i>
Week 9 (3/08)	SPRING BREAK		
Week 10 (3/15)	Qualitative Strategies Observations, Audio-Visual Materials <i>4. Research Strategy Presentation</i>	Bryman Ch 12, 19 Gifford (2016) Ch 2 & 3 (full text available online at UF library. See http://lib.mylibrary.com/Open.aspx?id=841829 <i>Assigned article 4</i>	Due: Article Review/Analysis Report [Observations method: 1) assigned article, 2) your topic article] <i>Submit your Research Strategy Presentation Material</i>
Week 11 (3/22)	Mixed Method Strategies Case Study Content Analysis	Creswell Ch 10 Bryman Ch 13, 26, 27 <i>Assigned article 5</i>	Due: Article Review/Analysis Report [Mixed method: 1) assigned article, 2) your topic article] Submit a draft of Research Methods section
Week 12 (3/29)	Peer review meeting/Work day		Due: Review comments of your classmate's proposal by Wednesday (3/31) 11:59pm
Week 13 (4/05)	Individual meeting with the instructor		Due: Thesis/Dissertation Proposal Draft by Friday (4/2) 11:59pm
Week 14 (4/12)	Proposal Presentation (invite your committee members)		Due: Proposal Presentation material by Monday (4/11) 11:59pm
Week 16 (4/19)	<ol style="list-style-type: none"> 1. The confirmation document for IRB training & attending DCP Research Activities is due on Tuesday, April 19 at 11:59pm 2. Final Proposal Due on Friday, April 22 at 11:59 pm 		