

FLORIDA ATLANTIC UNIVERSITY™

Graduate Programs—NEW COURSE PROPOSAL

UGPC APPROVAL _____
 UFS APPROVAL _____
 SCNS SUBMITTAL _____
 CONFIRMED _____
 BANNER POSTED _____
 ONLINE _____
 MISC _____

DEPARTMENT NAME: *School of Architecture*

COLLEGE OF: *College of Architecture, Urban and Public Affairs*

RECOMMENDED COURSE IDENTIFICATION:

PREFIX *ARC* COURSE NUMBER *6367* LAB CODE (L or C) *n/a*

(TO OBTAIN A COURSE NUMBER, CONTACT ERUDOLPH@FAU.EDU)

COMPLETE COURSE TITLE: *Design Research Seminar*

EFFECTIVE DATE

(first term course will be offered)

FALL 2009

CREDITS: *3*

TEXTBOOK INFORMATION: *Booth, Wayne, Gregory Colomb, Joseph Williams. The Craft of Research, 3rd ed. Chicago: University of Chicago Press, 2008.*

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR PASS/FAIL _____ SATISFACTORY/UNSATISFACTORY _____

COURSE DESCRIPTION, NO MORE THAN 3 LINES:

This course introduces students to the research concentrations of the graduate program and introduces the tools and processes needed to construct a research plan with a well-defined research problem, question, and method.

PREREQUISITES W/MINIMUM GRADE:*

none

COREQUISITES:

*ARC 6368
 Design Research Paradigms and
 Methods*

OTHER REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL):

graduate students only, majors only

PREREQUISITES, COREQUISITES & REGISTRATION CONTROLS SHOWN ABOVE WILL BE ENFORCED FOR ALL COURSE SECTIONS.

*DEFAULT MINIMUM GRADE IS D-.

MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE:

18 graduate semester hours in the teaching discipline with at least a master's degree

Other departments, colleges that might be affected by the new course must be consulted. List entities that have been consulted and attach written comments from each. *This course is specific to students in the Architecture graduate program and should not affect other departments.*

[Philippe d'Anjou, pdanjou@fau.edu, 954-762-5065](mailto:pdanjou@fau.edu)

Faculty Contact, Email, Complete Phone Number

SIGNATURES

SUPPORTING MATERIALS

<p><i>Approved by:</i></p> <p>Department Chair: _____</p> <p>College Curriculum Chair: _____</p> <p>College Dean: _____</p> <p>UGPC Chair: _____</p> <p>Dean of the Graduate College: _____</p>	<p><i>Date:</i></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Syllabus—must include all details as shown in the UGPC Guidelines.</p> <p>Written Consent—required from all departments affected.</p> <p>Go to: http://graduate.fau.edu/gpc/ to download this form and guidelines to fill out the form.</p>
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Email this form and syllabus to sfulks@fau.edu and eqirjo@fau.edu one week **before** the University Graduate Programs Committee meeting so that materials may be viewed on the UGPC website by committee members prior to the meeting.

Florida Atlantic University
School of Architecture

Design Research Seminar (ARC 6367)

3 credits

Corequisites: Design Research Paradigms and Methods (ARC 6368)

Instructor: TBA

Phone: TBA

Email: TBA

Office Hours: TBA

Course Description

This course introduces students to the research concentrations of the graduate program and introduces the tools and processes needed to construct a research plan with a well-defined research problem, question, and method.

Course Objectives

At the end of the course the students will be able to:

- 1) Understand four research tracks: Subtropical Design; History/Theory/Criticism; Design Computing; and Housing/Redevelopment.
- 2) Frame a problem in their field of research.
- 3) Develop and formulate a justified research question according to the problem.
- 4) Identify and develop a research method that suits their research problem and question.
- 5) Construct a final research plan.

Course Development and Evaluation

The course is composed of lectures by different scholars, within the range of the four research tracks of the program, and of students' presentations in relation to their problem, question, and method. There are critical discussions and debates in relation to specific topics and students' research interests, with the objective to individualize the outcome towards specific research plans.

Student performance and evaluation will be based primarily on the following four tasks:

- 1) The identification, framing, and justification of a specific problem in one of the four research tracks.
- 2) The development of a research question that is relevant to the defined problem.
- 3) The identification, justification, and development of a methodology and methods to carry out the research.
- 4) A final research plan to be submitted to a committee for research approval.

Grade determination will also include, but is not limited to, the following criteria: class participation, craftsmanship, clarity, project development, and overall attitude.

Letter grades are defined as follows:

A (4.00) to A- (3.67)	Exceptional work, above and beyond the requirements and exhibiting creative advancement in design theory or application.
B+ (3.33) to B (3.00)	Good work, meeting all of the requirements and exhibiting creative solutions that respond to the important project issues, communicated clearly.
B- (2.67) to C (2.00)	Marginal work, meeting less than the minimum requirements while exhibiting inconsistency in research, process, and lacking in clarity.
C- (1.67) to F (0.00)	Failing work, meeting less than the minimum requirements.

Students must earn a B- (2.67) or higher in order for this course to count toward the graduate degree requirements in Architecture.

Required Media

Students are expected to have appropriate materials on hand for note taking. A USB flash drive is strongly recommended for presentations and the exchange of digital source material.

Students are required to purchase the following textbook:

The Craft of Research, 3rd ed., by Wayne Booth, Gregory Colomb and Joseph Williams published by University of Chicago Press, 2003. [ISBN# 0226065669]

Professional and Ethical Conduct

The College of Architecture, Urban and Public Affairs expects students to communicate their ideas effectively and professionally. This includes legible text with proper spelling, punctuation, and grammar, as well as reference citations that meet the standards of your discipline for research and scholarly writing.

Once it is documented in writing or in drawing, an idea is the intellectual property of the author. When presenting anything that is not your own, you are legally and ethically bound to identify your source. To do otherwise is plagiarism, which constitutes cheating.

Using the ideas, writings, or drawings of another and attempting to pass them off as yours is plagiarism. Examples of plagiarism include, (but are not limited to): lifting material verbatim (or with minimal changes) directly from someone else's work without citing the original author, as well as submitting work prepared by someone else as your own.

Plagiarism is a very serious offense, as is submitting a product which was not originally prepared for this course, or one which is used to fulfill the requirements of more than one course. In any such case, the student will receive no credit for the work, and/or a failing grade for the course. Moreover, depending on the severity of the offense and any previous violations, additional penalties may be assessed by the university, (which can include academic probation or expulsion from the university). A grade of "F" received for academic misconduct cannot be removed from your transcript through the university's forgiveness policy.

The university's honor code *requires* that both faculty and students report plagiarism and other forms of cheating. A detailed description of the honor code is provided in the FAU catalog under *Academic Policies and Regulations (Florida Administrative Code, section 6C5-4.001 Honor Code, Academic Irregularities, and Students' Academic Grievances)*. You can also find it on the FAU website at http://www.fau.edu/caupa/honor_code.

Student Work

The School of Architecture reserves the right to retain any and all student work for the purpose of record, exhibition, and instruction. All students are encouraged to reproduce all work for their own records prior to submission of originals to the instructor. In the event of publication the author or the work will be recognized and receive full attribution.

General

Information concerning academic regulations, student rights and responsibilities may be found in the current Florida Atlantic University Catalog and Student Handbook. Personal communication devices such as pagers, beepers, and cellular telephones are to be disabled in class sessions. If any of these devices are not disabled, interrupting the class session, the owner will be asked to leave the class for the remainder of the period and shall be marked as absent for that day.

Special Needs

Students who require special accommodations due to a disability to properly execute coursework are encouraged to register with the Office for Students with Disabilities (OSD). More information, including office locations and contact information, is available at the OSD website: <http://www.osd.fau.edu/>

Course Content & Schedule

Week	Content
1	Introduction to Design Research Seminar.
2	The four research tracks: concepts, issues, and trends.
3	Tropical design: lecture 1
4	Tropical design: lecture 2
5	Exercise 1 due; student presentations of research problem.
6	History/Theory/Criticism: lecture 1
7	History/Theory/Criticism: lecture 2
8	Exercise 2 due; student presentations of research question.
9	Design Computing: lecture 1
10	Design Computing: lecture 2
11	Exercise 3 due; student presentations of research methods.
12	Housing/redevelopment: lecture 1
13	Housing/redevelopment: lecture 2
14	Exercise 4 due; student presentations of research plan.
15	Conclusion

Bibliography

Books

Andrews, Richard, *Research Questions*, London: Continuum, 2003.

Booth, Wayne, Gregory Colomb, and Joseph Williams, *The Craft of Research*, Chicago: University of Chicago Press, 2003.

Bordens, Kenneth & Bruce B. Abbott, *Research Design and Methods: A Process Approach*, New York: McGraw Hill, 2007.

Clark, Elisabeth, *Identifying and Defining Questions for Research*, London: South Bank University, 1987.

Creswell, John, *Research Design: Qualitative, Quantitative, & Mixed Methods Approaches*, Thousand Oaks: Sage, 2003.

Creswell, John, *Qualitative Inquiry and Research Design: Choosing Among Five Approaches*, Thousand Oaks: Sage, 2006.

Denzin, Norman and Yvonna Lincoln, *The Sage Handbook of Qualitative Research*, Thousand Oaks: Sage, 2005.

Groat, Linda and David Wang, *Architectural Research Methods*, New York: Wiley & Sons, 2001.

Marczyk, Geoffrey et al. *Essentials of Research Design and Methodology*, New York: Wiley, 2005.

Articles

Bayazit, N. "Investigating Design: A Review of Forty Years of Design Research." *Design Issues*, Vol. 20, No. 1, 16-29.

Biggs, M. & D. Büchler. "Rigor and Practice-based Research." *Design Issues*, Vol. 23, No. 3, 62-69.

Glanville, R. "Researching Design and Designing Research." *Design Issues*, Vol. 15, No. 2, 80-91.