

# 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 *6970* LAB CODE (L or C) *n/a*

(TO OBTAIN A COURSE NUMBER, CONTACT [ERUDOLPH@FAU.EDU](mailto:ERUDOLPH@FAU.EDU))

COMPLETE COURSE TITLE: *Design Research Studio*

**EFFECTIVE DATE**

(first term course will be offered)

*FALL 2009*

CREDITS: *6*

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

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

**COURSE DESCRIPTION, NO MORE THAN 3 LINES:**

*Advanced design research is conducted through independent student projects leading to a concise design hypothesis and an approved research plan in preparation for the design thesis.*

**PREREQUISITES W/MINIMUM GRADE:\***

*ARC 6368 Design Research  
Paradigms and Methods (min. grade of  
B-), ARC 6367 Design Research  
Seminar (min. grade of B-)*

**COREQUISITES:**

*none*

**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.*

*Anthony Abbate. [aabbate@fau.edu](mailto:aabbate@fau.edu). 954-762-5636*

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>_____</p>	<p><b>Syllabus</b>—must include all details as shown in the UGPC Guidelines.</p> <p><b>Written Consent</b>—required from all departments affected.</p> <p>Go to: <a href="http://graduate.fau.edu/gpc/">http://graduate.fau.edu/gpc/</a> to download this form and guidelines to fill out the form.</p>
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Email this form and syllabus to [fulks@fau.edu](mailto:fulks@fau.edu) and [eqirjo@fau.edu](mailto: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 Studio (ARC 6970)**

**6 credits**

**Prerequisites:** Design Research Paradigms and Methods (ARC 6368) with a min. grade of B-  
Design Research Seminar (ARC 6367) with a min. grade of B-

**Instructor: TBA**

Phone: TBA

Email: TBA

Office Hours: TBA

### **Course Description**

Advanced design research is conducted through independent student projects leading to a concise design hypothesis and an approved research plan in preparation for the design thesis.

### **Course Objectives**

At the end of this course the students will have:

- 1) Completed research among qualitative and quantitative methods in order to support the thesis proposition according to an approved research plan;
- 2) Completed the comprehensive analyses necessary to support the thesis proposition and associated research question(s).
- 3) Completed the bibliography.
- 4) Developed a project program, or a thesis outline, for evaluation by the faculty advisor(s).

### **Course Development and Evaluation**

- 1) The course is composed of seminars, studio reviews, and student presentations.
- 2) Students are expected to bring all pertinent research notes, sketches, drawings, and models to the studio for discussion and review.
- 3) Bibliographies shall follow the Chicago Manual of Style (current edition).
- 4) The project program, or thesis outline shall be approved by the faculty advisor(s) prior to enrolling in ARC 6972 Design Thesis Studio.

Students will be evaluated primarily on the product and development of the research projects and along with the associated student presentations. Grade determination will also include, but is not limited to, the following criteria: class participation, craftsmanship, process, 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 sketching, drawing, drafting, and modeling supplies as needed to complete coursework.

Students are required to purchase the following textbook:

*Architectural Research Methods* by Linda Groat and David Wang  
published by Wiley & Sons, 2001. [ISBN# 0471333654]

### **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](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**

<b>Week</b>	<b>Content</b>
<b>1</b>	Introduction of thesis proposition and research plan
<b>2</b>	Process seminar
<b>3</b>	Process seminar
<b>4</b>	Review
<b>5</b>	Process seminar
<b>6</b>	Process seminar
<b>7</b>	Review
<b>8</b>	Process seminar
<b>9</b>	Process seminar
<b>10</b>	Seminar
<b>11</b>	Seminar
<b>12</b>	Final Draft review
<b>13</b>	Preparation
<b>14</b>	Preparation
<b>15</b>	Preparation
<b>16</b>	<b>Thesis presentation</b> Review and exhibition

## Bibliography

### Books

- Andrews, Richard, *Research Questions*, London: Continuum, 2003.
- Barber, Sarah and Corrina Peniston-Bird (eds.), *History Beyond the Text: A Student's Guide to Approaching Alternative Sources* London: Routledge, 2009.
- 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.
- Colquhoun, Alan, *Essays in Architectural Criticism: Modern Architecture and Historical Change*, Oppositions Books, Cambridge: MIT Press, 1985.
- 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.
- Potter, Norman, *What is a Designer: Things, Places, Messages*. London: Hyphen Press. 2002.
- Preziosi, Donald, *The Art of Art History: A Critical Anthology*, Oxford: Oxford University Press, 1998.
- Spiegel, Ross and Dru Meadows. *Green Building Materials*, New York: John Wiley and Sons, 1999.
- Yin, Robert, *Case Study Research: Design and Methods*, Thousand Oaks: Sage, 1994.
- Ziesel, John, *Inquiry by Design*, New York: Norton, 2006.