

MS Architecture

Graduate Student Handbook

2006-2007



School of Architecture & Construction Management
Interdisciplinary Design Institute
668 N. Riverpoint Blvd.
PO Box 1495
Spokane, WA 99210-1495
Phone: (509) 358-7920
Fax: (509) 358-7900

TABLE OF CONTENTS

School of Architecture & Construction Management

Interdisciplinary Design Institute

Overview 3

MS Architecture Program 3

Sample Program Plan 4

Course Descriptions 4

Minimum Graduation Requirements 5

Policies and Procedures 6

Culminating Experience 9

Master's Thesis 9

Faculty Profiles 12

Administrative Staff 16

Application Guidelines 17

Financing Your Education 18

Doctor of Design 19

SCHOOL OF ARCHITECTURE & CONSTRUCTION MANAGEMENT INTERDISCIPLINARY DESIGN INSTITUTE

Overview

The Master of Science in Architecture is offered through the School of Architecture and Construction Management and emphasizes advanced specialization research in the areas of design theory, culture, sustainability and aesthetics. The MS Arch does not lead to professional registration. The MS Arch degree is based at the Interdisciplinary Design Institute on the Washington State University Spokane campus, but its faculty and administration work very closely together with the administration of the School at the WSU Pullman campus. Students in the MS Arch program have access to faculty and resources on both campuses.

The Interdisciplinary Design Institute offers an opportunity for each of the participating programs to reinforce individual disciplinary knowledge and skills, while developing additional interdisciplinary depth of understanding. This innovative approach advances knowledge in design and construction and yet contributes to the definition and evolution of the participating disciplines. Students are trained to develop an enlarged and holistic understanding of phenomena, events, and objects that shape the quality of people's lives in the urban environment. They also learn to work as members of multi-and interdisciplinary teams in clarifying and solving design and construction problems. These unique learning experiences provide the added value that positions students competitively in a dynamic marketplace.

MS Architecture Program

The MS Arch program targets the design exploration of specific issues and trends challenging the ever-changing design and construction enterprise. The intent is to explore design theory and application within a diverse milieu defined by context, process and architectural tectonics. Relative to these issues, students identify their personal area of emphasis and focus on a study/topic to explore. The student's area of emphasis is matched with the interests and abilities of a broad faculty. Possible areas of study are partially listed under each targeted issue.

Design Theory – Intended for students who wish to explore theories in a historical context (e.g., the effect of democracy on American land planning), current design theories (e.g., New Urbanism, Post-Structuralism, etc) or new trends in design process (e.g., computer assisted virtual networks). Students can also develop new theories related to these issues. Examples of recent theses:

The Learning Environment as Place: An Analysis of the U.S. Department of Education's Six Design Principles. Catherine Mary Fritz, AIA, MS Arch, 2003.

Culture / Sustainability / Aesthetics - Intended for students who wish to extend their understanding of a particular socio-cultural phenomenon as related to material culture, preservation or environmental design strategies, and questions related to sense perception and beauty. Examples of recent theses:

Heidegger's 'Question Concerning Technology': A Philosophical Basis for Evaluating Sustainable Architectural Design. Eliot Price, MS Arch, 2002

Executive Track

The MS Arch program is available in the Executive Track format. The Executive Track enables working professionals to pursue the degree either full-time or part-time while staying on the job. Courses are offered during the evenings or by independent arrangements. Students not wishing to pursue the degree may take any course and qualify for continuing education credits.

Sample Program Plan

The recommended program of study is based on the requirements of the Graduate School and the School of Architecture and Construction Management. Individual programs of study may vary based on each student's academic background and research interests. Any variation from the recommended program of study must be approved by the Graduate Coordinator.

1 st Year Fall Semester			1 st Year Spring Semester		
Prefix and Course Title	Gr.	Cr.	Prefix and Course Title	Gr.	Cr.
Arch 530 Philosophy & Theory	_____	3 cr	Arch 540 Research Methods	_____	3 cr
Arch 560 Interdisciplinary Seminar	_____	3 cr	Arch 600 Independent Study	_____	3 cr
Arch 570** Advanced Studio	_____	6 cr	Supportive Electives	_____	6 cr
Total credit hrs		12	Total credit hrs		12
2 nd Year Fall Semester			2 nd Year Spring Semester		
Prefix and Course Title	Gr.	Cr.	Prefix and Course Title	Gr.	Cr.
Arch 700 Master's Thesis	_____	2 cr	Arch 700 Master's Thesis	_____	2 cr
Supportive Electives	_____	V	Supportive Electives	_____	V
Total credit hrs (min. 2 cr)		V	Total credit hrs (min. 2 cr)		V

**** Can be substituted for a design-research independent study and/or relevant elective courses based upon student's prior experience and in consultation with advisor.**

Course Descriptions

In addition to the required courses mentioned below, students will choose electives (in consultation with their advisor) to support their areas of interests and fulfill degree requirements. A complete listing of graduate courses can be found in the Graduate Catalog: <http://www.gradsch.wsu.edu/catalog.html>. A complete listing of undergraduate and graduate courses can be found at METRO <http://www.metro.wsu.edu>.

Arch 530 Philosophy & Theories of the Built Environment (3 credits)

Focuses on systematic thought that may describe the behavior of the built environment.

Arch 540 Research Methods (3 credits)

Covers a variety of research methods from quantitative to technical to philosophical, directed towards qualitative research.

Architecture 560 Interdisciplinary Seminar I (3 credits)

Explores approaches to design thinking in the topic areas of people and place, history, theory and criticism, and physical design.

Architecture 570 Advanced Architecture Studio (6 credits)

In-depth study of design problems relating to cultural, environmental, technological and other issues as related to the student's area of interest.

Architecture 600 Special Projects or Independent Study (Variable credit)

By independent arrangement with instructor; S,F grading.

Architecture 700 Master's Research, Thesis, and/or Examination (Variable credit)

By independent arrangement with instructor; S,F grading.

MINIMUM GRADUATION REQUIREMENTS

Breakdown of Credit Hours

The School of Architecture & Construction Management (as outlined by the Graduate School) requires each master's degree student to complete the appropriate course work requirements and prepare a thesis acceptable to the student's advisory committee and the Graduate School.

To meet graduation requirements for a **thesis** degree, students must complete the following requirements:

- 30 hours minimum of total credit
- 21 hours minimum of graded course work
- 15 hours minimum of graded course work at the 500-level
- 4 hours minimum of 700-level credit in the major
- 6 hours maximum of non-graduate 300 and 400 level graded course work

General Course Requirements

- 1) Seminars approved for graduate credit number 500 or above which are graded other than P/F or S/F may be a part of the master's program.
- 2) Any course graded S/F or P/F may not be used as graded course work.
- 3) Any course listed on the student's "Program of Study" in which a grade of C- or below is earned must be repeated but not on a pass/fail basis.
- 4) Graduate courses are those courses listed in the Graduate Catalog or have been approved for graduate credit since publication of the last Catalog.

POLICIES AND PROCEDURES

Graduate School

Graduate students are responsible for familiarizing themselves with the deadlines, procedures, and guidelines as outlined by the Graduate School regarding requirements for graduation. The Policies and Procedures and the Graduate Catalog are available on the Graduate School web site at the URL listed below. Both of these documents should be read in their entirety for more detailed information.

- <http://www.wsu.edu/~gradsch/publications.htm>

Necessary forms, thesis guidelines, academic deadlines, etc., are available on the Graduate School web site at the following URL:

- <http://www.wsu.edu/~gradsch/forms.htm>

Steps Toward the Master's Degree

As outlined in the Master's Timeline for Completion of a Project or Thesis, the following steps towards a master's degree must be completed:

Committee Chair

Upon admission, each student will work with the MS Arch Coordinator for initial orientation. The MS Arch Coordinator will work with the student to determine an appropriate Chair and thesis committee, and to develop a tentative program of study.

The Chair is chosen once the thesis direction has been decided. Students should approach the faculty they wish to serve in this position and ask if he/she will agree to do so. Once a faculty member has agreed to serve in this position, students will work with this person closely to develop the program of study and to steer the thesis focus.

The Chair must be an architecture faculty member and hold a degree of comparable level to that degree sought by the candidate. The Director of the School of Architecture and Construction Management may approve a Chair outside of the architecture faculty, on an individual basis. The Chair will advise and supervise course work and research in preparation for the thesis Final Oral Defense.

Master's Committee

The members of the master's committee are selected and identified on the program of study (<http://www.wsu.edu/~gradsch/forms/ProgMast.pdf>), upon consultation with the Chair. The master's committee is to be constituted of three faculty members (including the Chair) who hold either masters or doctoral degrees.

Replacement of Committee Members

Replacement of the Chair or other committee members may be requested by a master's student. The criteria for approving such requests are established by the MS Arch Coordinator.

Any of the committee members, including the Chair, may request release from committee membership, with consent of the student. The mechanism used for approval of committee members is also the mechanism by which requests for release from committee membership are considered. In unusual circumstances, faculty may request release from committee membership without the consent of the student. Examples of these situations include a) conflict of interest, b) the faculty member leaving the University, and c) the student changing the thesis topic.

Upon any committee changes, a formal request must be submitted to the Graduate School using the following form: <http://www.gradsch.wsu.edu/forms/ChangeCommittee.pdf>.

Program of Study

The program of study is a record of all course work completed and proposed that will be used in fulfillment of degree requirements and research requirements, including any minimum number of research credits. In consultation with the Chair, students plan their studies so that all courses contribute to a rationally unified array of classroom work and independent research. Courses taken in prior graduate level programs (deemed appropriate by Director of the School of Architecture and approved by the Graduate School) may be used on the program of study.

Prior approval for use of human subjects or animals in research is required. If the student plans to utilize human or animal subjects for research, the Office of Grant and Research Development of the Laboratory Animal Resources Center must be contacted. The Graduate School requires verification that University approval has been granted. The human subject approval form is located at <http://www.ogrd.wsu.edu/forms.asp>.

Students will complete the program of study form located on the Graduate School web site: <http://www.wsu.edu/~gradsch/forms/ProgMast.pdf>. The student's Chair, master's committee members, and the Director of the School of Architecture must all approve and sign the program of study before submission to the Graduate School.

Changes needing to be made after submission of the program of study are to be requested on the following form: <http://www.wsu.edu/~gradsch/forms/progchangeMaster.pdf>. Changes must be approved by the Chair, Director of the School of Architecture, and the Graduate School.

Application for Master's Degree

The application for degree (<http://www.wsu.edu/~gradsch/AppforMasterDegree.pdf>) should be submitted at least one semester before the final oral examination is scheduled so that students can be notified of graduate requirements before enrolling in their last semester. New degree application is required if a student does not complete all requirements during the semester of application. Students should pay the graduation fee (\$50.00) at the same time the application is submitted.

The Thesis Defense (Final Exam)

Students must be registered for a minimum of two credits of Arch 700 at the beginning of the semester in which the final exam is to be taken.

The subject of the thesis defense is the thesis itself. The thesis defense is intended to test the candidate's ability to carry out a critical dialogue integrating and interpreting material in the major and supporting fields with emphasis on the work presented in the research thesis. Examinations are to be held in an academic environment during academic sessions (fall, spring or summer) and are open to the public.

Before being allowed to schedule the final oral exam, a student must submit a draft copy of the thesis to the Chair. The Chair is charged with the responsibility of determining the readiness of the thesis for defense. The student next submits a draft of the thesis to each member of the master's examining committee. All committee members must read the thesis in its entirety. Students should reference the Master's Timeline for Completion of a Project or Thesis for detailed instructions regarding deadlines and procedures for scheduling and conducting the oral defense.

After committee members have read the thesis, they advise the Chair on the readiness for the defense. If substantial revisions are necessary, they must be completed before the date is confirmed. The Chair contacts the student to schedule the defense date. When committee members sign the scheduling form, they indicate that a typed thesis, suitable in format and

content for submission to the Library has been given their approval. They also indicate their acceptance of the time, date and location of the final examination.

Students can request to schedule their defense using the following form: <http://www.gradsch.wsu.edu/SchedulingPack.pdf>. The form must be submitted to the Graduate School at least 10 working days prior to the examination date. The Graduate School will schedule the student's final examination (defense) upon receipt of the completed scheduling form and a properly formatted, typed copy of the thesis. A copy of the thesis must be available for public inspection at least 10 working days prior to the exam.

The final exam is normally one hour in duration and is limited to one and one-half hours. The candidate shall pass if the number of affirmative votes is equal to or greater than the minimum listed in the table below. In the event of a failed examination, a second and final attempt may be scheduled at the request of the major department after a lapse of at least three months.

Number of Examiners Qualified to Vote	Minimum Number of Examiners Voting to Pass
3	2
4	3
5	4
6	4

Time Limits for Completion of Master's Degree

The time limit for use of graduate credit toward a master's degree is six years from the beginning date of the earliest course applied toward the degree. The Graduate School recognizes that part-time students may require a longer completion period. As appropriate, departments may request an extension of this time limit.

CULMINATING EXPERIENCE

Master's Thesis

The purpose of the thesis is to demonstrate the candidate's mastery of the field. This is accomplished through a focused research exercise involving the application of analytical and synthetic skills, taught in the graduate core curriculum, to an aspect of architecture of special interest to you.

A thesis developed at the master's level is a scholarly research report that thoroughly investigates and analyzes a selected topic based on a theoretical framework and empirical data. The writer, to reach general conclusions or a broad synthesis, extends the subject further. The end product is a fully developed thesis that conforms to the guidelines of the Graduate School. The thesis is submitted to the Graduate School and also becomes part of the department's permanent records.

The quality of the thesis represents the competence of the graduate candidate. It must be conceptually clear, carefully designed, and thoroughly executed. The product must be presented in a style that reflects the candidate's ability to complete and polish the work. The effort involved must be impeccably documented both in oral defense and in the finished product submitted to the department and the Graduate School.

The Graduate School provides strict guidelines that need to be followed when writing the thesis document: <http://www.wsu.edu/~gradsch/forms/DISSANDTHESES.pdf>. Copies of previous thesis documents are located in the Resource Room in the Second Floor Studio, Room 254.

Substance and Scope of the Thesis

The thesis may focus on any of a wide range of topics and the investigation can proceed deductively or inductively. The research may depend entirely on secondary source (published literature, reports and other documents), or may involve primary data collection (through field work, observations, interviews, surveys). It may be exploratory, qualitative and speculative, or circumscribed, quantitative and definitive.

Given the wide range of possible topics and investigative approaches available, you must develop a research strategy that best fits the subject being studied. You develop this strategy in consultation with your Chair based on the state of knowledge and theory regarding the topic as well as its feasibility. It is not a quick decision but one that is made as you progress through the required curriculum and in preparation for the thesis.

Essential Components of Master's Thesis Research

There are several activities that must be accomplished during the preparation of the thesis. Some are initiated early, some continue throughout and some represent discrete decisions. Some literally become chapters in the final product, others contribute to the reasoning more indirectly. The following comments highlight key activities:

1. Literature review. The literature review must be initiated early during the exploration of possible topics because you need to determine what is already known and unknown about the topic and how others have studied it. This is a conventional library research activity that should lead to a preliminary annotated bibliography for the thesis. You should begin using a citation system acceptable for the thesis at this time. Computer programs such as Endnote, Procite or Reference Manager are very helpful in setting up a citation system and cut a lot of time out of the end process of writing the thesis.

The literature review usually involves several categories of literature. First there is information regarding the topic of investigation itself. Next there is information regarding the relevance of the topic to architecture or design in general. Of equal importance is information regarding the research strategy or analytical framework for the thesis. An important task during the literature review is the classification of appropriate material.

The literature review must be broad as well, drawing from monographs, journals and other published reports. You should attempt to locate the most recent material. Also, you should be sensitive to the quality of literature reviewed and must judge among inconsistent or contradictory findings what is applicable to the thesis. The documentation of the review may be incorporated in the thesis in a number of ways. Most typically a chapter is dedicated to the literature review. However, documentation of the literature may be distributed throughout the paper.

2. **Course review.** One purpose of the thesis is to synthesize your understanding of the field. A thoughtful review of coursework with your Chair supports your exploration of topics for the thesis. You should screen both required courses and elective courses for ideas, approaches, and techniques that can be applied in the thesis. Specifically, you should look for relationships among the material taught in different courses that can be used in the development of the thesis.

The course review contributes directly to the literature review in that it identifies both categories and sources to include. While it contributes directly to the development of your topic, it does not appear as a written chapter in the thesis.

3. **Prospectus and committee.** A written prospectus becomes a contract between the student and the thesis committee regarding the topic, methodology and schedule for completion. It represents a transformation or narrowing of a general topic into a specific thesis proposal. The prospectus should be well thought out and well written so that there is no question how the thesis is to be pursued. It is a plan and a commitment on both your part and your committee's. You want the committee to be satisfied that the topic is clear, that the research approach is manageable, and that you have the capability and the resources to complete the work. Once the prospectus has been approved, a copy should be filed with the Academic Coordinator. The following points should be covered:
 - a. Statement of topic to be addressed. This should include specific researchable questions.
 - b. A justification of the relevance and importance of the topic to interior design or the design disciplines in general.
 - c. Brief discussion of the theoretical context or logical framework for the investigation.
 - d. A thorough explanation of the research methodology or analytical approach to be followed.
 - e. Identification of information sources.
 - f. Specification of product.
 - g. Tentative chapter outline.
 - h. Schedule of work program.
 - i. Identification of any necessary support services or special circumstances (e.g. human subjects approval).
 - j. Preliminary literature review or annotated bibliography.
4. **Research and writing.** Sections or chapters of the thesis need to be written in draft form as the research is executed. The prospectus provides the preliminary literature review and methodology so that you can focus on writing up the research findings and analysis as they are conducted. The chapters should not be written in the order

that they will finally appear in the thesis. The thesis should *not* be a play-by-play description of the research process. It should summarize the approach, discuss the findings, analyze the results, and present the conclusions. The introduction should be written last because it is a revision of the prospectus from a statement of what was planned to a statement of what was actually accomplished.

5. Revision, editing, and polishing. Once all sections are drafted, the thesis is ready to be assembled as a completed document. At this point the chapter outline or order within the chapters may need revision to reinforce the logic of the argument that emerges. Chapter titles, headings, introductions and conclusions need to be written or revised. Illustrations and format become important to show the coherence of the entire document. Editing for clarity and consistency begins to polish the thesis.
6. Oral Defense. The final conceptual stage is the oral defense of the thesis. The document should be generally satisfactory to the committee members before the formal defense is scheduled. Then the defense becomes a review of what the student planned, how the investigation was executed and how the results were presented. Any reservations about procedures, omission or question of interpretation may be raised. Once the committee is satisfied with the student's oral response they may accept the document as is, or require corrections before the thesis is officially approved.
7. Filing. Final approved copies of the thesis must be submitted as follows: one copy to the Graduate School as specified on the Graduate School web site (<http://www.wsu.edu/~gradsch/forms/DISSANDTHESES.pdf>); one copy to the department. The chair and other members of the committee may also require additional copies.
8. Publishing. You are encouraged to seek opportunities to publish all or part of your thesis document in appropriate scholarly journals or outlets. Standard protocol for publications is that you are listed as the first author and your committee chair/major advisor is listed as second author. Other members of the committee may be listed as third and fourth authors depending on their contributions to the final work. It is a good idea not to leave your final defense without a discussion with your committee regarding publications and authorship. If you do not initiate the publication of your thesis within a year its filing, it is reasonable for your committee chair to use the thesis work to generate a scholarly article on your behalf. In this case you may be listed as second author, depending on the approach and your involvement writing the article.

Bibliography

Allen, George R. 1973. The Graduate Students' Guide to Theses and Dissertations: A Practical Manual for Writing and Research. San Francisco: Jossey-Bass.

Burka, Jane, and Lenora M. Yuen. 1990. Procrastination: Why You Do It, What to Do About It.

Elbow, P. 1998. Writing With Power: Techniques for Mastering the Writing Process.

Feak, Christine, and John M. Swales. 1994. Academic Writing for Graduate Students: Essential Tasks and Skills: A Course for Nonnative Speakers of English.

Madsen, David. 1992. Successful Dissertations and Theses: A Guide to Graduate Student Research from Proposal to Completion. San Francisco: Jossey-Bass.

Turabian, Kate. 1996. A Manual for Writers of Term Papers, Theses, and Dissertations (Chicago Guides to Writing, Editing, and Publishing)

Zerubayel, E. 1999. The Clockwork Muse: A Practical Guide to Writing Theses, Dissertations and Books.

FACULTY PROFILES

Architecture

The Architecture faculty mentor graduate students by advising and teaching, making contributions to research methods seminars, supervising independent study projects and serving on graduate committees. MS Arch students choose major advisors and committee chairs with compatible interests for study and research.

John Abell, M.Arch, PhD, AIA

Associate Professor, M.Arch Graduate Program Coordinator

Research: architectural design and its relations with the histories and theories of design, aesthetic experience and representation, spatial empathy, urban material culture, material technologies, generative processes and investigative practices of design.

E-mail: abellj@wsu.edu

Deborah Ascher-Barnstone, M.Arch, PhD

Associate Professor (Pullman campus)

Research: transparency in 20th century architecture; German architecture after 1945; reconsidering Modernism.

E-mail: dascher@arch.wsu.edu

Robert Barnstone, M.Arch

Assistant Professor (Pullman campus)

Research: architecture and poetics; exploration in woven form; art and community.

E-mail: rbarnstone@arch.wsu.edu

Jeff Burnett, MA

Assistant Professor (Pullman campus)

E-mail: jburnett@arch.wsu.edu

Ken Carper, MS

Professor (Pullman campus)

Research: forensic engineering; ethics in the design professions

E-mail: kcarper@arch.wsu.edu

Rick Cherf

Assistant Professor (Pullman campus)

E-mail: rcherf@mail.arch.wsu.edu

Matthew Cohen, M.Arch

Assistant Professor

Research: medieval and Renaissance design principles, American vernacular architecture and urbanism, observation-based research methodologies.

E-mail: cohenm@wsu.edu

Allesandra Como, PhD

Assistant Professor (Pullman campus)

E-mail: acom@mail.arch.wsu.edu

Phil Gruen, MA, PhD

Assistant Professor (Pullman campus)

Research: American architecture and urbanism; American vernacular architecture; architecture and tourism; history of architecture.

E-mail: jpgruen@mail.arch.wsu.edu

Tom Heustis, MS

Associate Professor (Pullman campus)

Research: Construction education assessment, mold remediation, structural design compliance, construction cost estimating.

E-mail: theustis@acm.wsu.edu

Paul Hirzel, M.Arch, AIA, NCARB

Associate Professor (Pullman campus)

Research: introduction of landscape significance in architecture; inclusion/recognition of the "outside condition" in the building design solution.

E-mail: hrzl@arch.wsu.edu

Bashir Kazimee, M.Arch, AIA

Professor (Pullman campus)

E-mail: bkazimee@arch.wsu.edu

Katherine Keane, M.Arch, RIAI

Associate Professor and Assistant Director (Pullman campus)

E-mail: kkeane@arch.wsu.edu

Greg Kessler, M.Arch, AIA, NCARB

Associate Professor and Director (Pullman campus)

Research: structuralism, phenomenology, and deconstruction and their impact relative to the profession of architecture; relationship between architecture and environment; the role and myth of architecture; the notion of paradise and idealized environments.

E-mail: gkessler@mail.arch.wsu.edu

Max Kirk, MS, PhD

Associate Professor (Pullman campus)

Research: leadership in Construction Management

E-mail: mkirk@arch.wsu.edu

Taiji Miyakasa, M.Arch

Assistant Professor (Pullman campus)

E-mail: tmiyasaka@mail.arch.wsu.edu

Anna Mutin, M.Arch

Professor (Pullman campus)

Research: tall building form and transformation of the city; morphology of the Canadian prairie town; colorist rendering of the Sistine Chapel ceiling; reconstruction of late Italian renaissance cities following the great earthquake of 1693.

E-mail: amutin@arch.wsu.edu

Michael Owen

Associate Professor (Pullman campus)

E-mail: mowen@arch.wsu.edu

Ayad Rahmani, M.Arch

Associate Professor (Pullman campus)
E-mail: arahmani@arch.wsu.edu

Rafi Samizay, M.Arch, AIA

Professor (Pullman campus)
E-mail: samizay@arch.wsu.edu

Mat Taylor, M.Arch

Assistant Professor (Pullman campus)
E-mail: solarguy@mail.arch.wsu.edu

David Wang, M.Arch, PhD, AIA

Professor, MS Arch Graduate Coordinator
Research: art and architectural aesthetics; east-west philosophies of architecture, research methods for architecture.
E-mail: davewang@wsu.edu

Interdisciplinary Design

Faculty members from other disciplines within the Interdisciplinary Design Institute or the University at-large may be used for the master's committee as approved by the Chair of the Department. For complete faculty bio information, visit <http://www.idi.spokane.wsu.edu>.

Nancy Blossom, MA, FIDEC, IIDA

Professor & Chair, Interior Design; Director, Interdisciplinary Design Institute
Research: history theory and criticism, environment-behavior relationships, curriculum and pedagogy.
E-mail: blossom@wsu.edu

Kerry Brooks, MUP, PhD

Associate Professor, Landscape Architecture; Director, GIS & Simulation Laboratory
Research: geographic information systems, visualization, land use and environmental planning; image processing and remote sensing; planning research methods and applications.
E-mail: kerrybrooks@wsu.edu

Nancy Clark Brown, B.Arch, MS

Associate Professor, Interior Design
Research: innovative teaching methodologies; lighting design, theoretical and spatial frameworks of the body in interior space.
E-mail: ncbrown@wsu.edu

Janetta McCoy, MS, PhD

Associate Professor, Interior Design
Research: the impact of the physical work environment on the intellectual and physical performance of people within organizations; leadership in design and creative teamwork; stress as an outcome of the work environment; gender bias in teaching evaluations; design for children with autism and development disabilities.
E-mail: janettamccoy@wsu.edu

Matt Melcher, M.Arch

Assistant Professor, Interior Design
Research: poetics of assembly, detail and materiality, graphic communication, and representative; urban space as interior design; light and phenomenology; process as product in

the design discipline.
E-mail: melcher@wsu.edu

Bob Scarfo, MLA, PhD

Associate Professor, Landscape Architecture
Research: spatial implications of successful aging; social basis of design; neighborhood and small town planning and design as related to health.
E-mail: scarfo@wsu.edu

Jo Ann Asher Thompson, MA, PhD, FIDEC, FIIDA

Professor, Interior Design; Vice Chancellor, Washington State University Spokane
Research: environment-behavior relationships; distance learning education; cognitive perceptions of interior space; linking education and practice; criticism and theory.
E-mail: jatadm@wsu.edu

John Turpin, MS

Associate Professor, Interior Design
Research: interior design history; women's studies in interior design; design criticism and theory.
E-mail: jturpin@wsu.edu

ADMINISTRATIVE STAFF

Academic Coordinator

Jaime Rice, EdM
Phone: (509) 358-7945
E-mail: jrice@wsu.edu

Program Assistant

Kristie Wardrop
Phone: (509) 358-7963
E-mail: wardrop@wsu.edu

Assistant to the Director

Pam Medley
Phone: (509) 358-7920
E-mail: pmedley@wsu.edu

Information Technology Tech II

Ben Aichele
Phone: (509) 358-7650
E-mail: benaichele@wsu.edu

APPLICATION GUIDELINES

Deadlines

Fall International: March 1st
Fall Domestic Priority: April 1st

Spring International: July 1st
Spring Domestic Priority: August 1st

Graduate School

Submit the following items directly to the Graduate School, Washington State University, P.O. Box 641030, Pullman, WA 99164-1030:

- Official application and fee of \$35. The application is available both on-line and hard copy at <http://www.gradsch.wsu.edu>.
 - Applicants are to note which campus they intend to pursue their degree at. The MS Arch is only available in SPOKANE.
- Official transcripts from each of the following:
 - Colleges or universities from which any degrees have been granted or are expected and those transcripts that show the last 60 graded semester or 90 graded quarter hours of undergraduate work taken.
 - Colleges or universities showing graded graduate level (including doctoral) coursework taken after the bachelor's degree.
 - Students intending to request transfer credit for their Program of Study will need to submit official transcripts from colleges and universities showing such credit. Transfer credit is subject to Graduate School and departmental approval and maximum allowable limits.
 - NOTE: Official transcripts are those sent directly from the registrar of the institution at which the work was done. Transcripts that are not sent directly from the registrar to the Graduate School or that are issued to the student are not acceptable. Transcripts are not required for previous work at Washington State University.
 - A 3.0 GPA in the last 60 graded semester or 90 graded quarter hours of undergraduate work; or 12 graded hours of Graduate level work is required. Applicants with a lower GPA may be admitted on a limited basis.
- Official TOEFL scores (for international applicants only) with a minimum of 550 paper test or 213 computer test. Scores must be less than two years old from the date of expected entry into WSU. The institution code for WSU is 4705.
- Financial Information (for international applicants only) as requested by the Graduate School.

Department

Submit the following items directly to: Jaime Rice, Interdisciplinary Design Institute, Washington State University Spokane, P.O. Box 1495, Spokane, WA 99210-1495:

- Copy of Graduate School application (if submitting hard copy version); the on-line application will be downloaded upon e-mail notification to Jaime Rice (jlrice@wsu.edu).
- Graduate Record Examination (GRE) test results; while the GRE is not required, it is preferred, especially in cases needing more clarity of academic competence than is evidenced by the applicant's GPA and/or other required application materials.
- Official TOEFL scores (for international applicants only) with a minimum of 550 paper test or 213 computer test. Scores must be less than two years old from the date of expected entry into WSU.
- Official transcripts (as outlined above).
- Three letters of recommendation from professional and/or educational references that can speak on the applicant's behalf regarding ability, work ethic, and interest in the program.
- A personal statement addressing 1) the applicant's interest in pursuing the MS Arch; 2) the applicant's anticipated career path and 3) the applicant's specific areas of research interest. The statement is generally one to two pages in length.
- Portfolio of design work or other evidence of creative ability. Exhibits of work will only be returned when accompanied by a self-addressed envelope with the appropriate pre-paid postage included.

FINANCING YOUR EDUCATION

Financial Aid

Current information about tuition, fees, and estimated expenses are located on the WSU Spokane Student Services web site:

- http://www.spokane.wsu.edu/student-services/prospects/Fin_tuition_Fees.asp

Federal loan information is located on the following web site:

- <http://www.fafsa.ed.gov/>.

Need based financial aid information is available through the university's Office of Student Financial Aid. The Spokane campus contact is Liz West, (509) 358-7534, weste@wsu.edu, located in the Health Sciences Building, Room 125E.

Graduate Assistantships

Graduate assistantships are awarded each year based on merit, decided through a competition among new and returning graduate students who have either applied for, or been nominated for assistantship consideration. Students receiving assistantships usually have grade point averages at 3.5 or above and unusually strong references.

Graduate assistants serve as student employees of the university while continuing their studies. Designated tasks are assigned by the Interdisciplinary Design Institute and are overseen by specific faculty members. Some positions are assigned for an entire academic year, while others rotate from task to task.

Assignments are based on matching of individual students' skills to specific tasks needed by the Institute in teaching, research, and administration. Students assigned assistantships are usually offered a stipend and/or a tuition waiver (depending on availability of funds) in return for a set amount of hours of work per week (10-20 depending on award). As employees, they are expected to meet the obligations assigned, whether they involve teaching, research, or other support work. Course loads may be arranged to make way for the part-time work.

While assistantships are an important opportunity for growth within graduate education, there is no question that the demands of graduate education become compounded for those on appointment. To maintain a reasonable work load, students on appointment are HIGHLY recommended to take only the minimum credit load required to maintain full-time status.

DOCTOR OF DESIGN

The Doctor of Design is offered through the Interdisciplinary Program at the Interdisciplinary Design Institute, Washington State University Spokane. The program is a collaborative effort among the School of Architecture, the Department of Interior Design, and the Department of Horticulture and Landscape Architecture. These academic units reside in two colleges, the College of Engineering and Architecture, and the College of Agricultural, Human, and Natural Resource Sciences.

Overview

The Doctor of Design (D. Des) program is intended to advance both the “art” and “science” of design within the philosophical and pedagogical framework of interdisciplinary inquiry, critical synthesis, and problem solving. At the same level of academic standards as the Ph.D. program, the D. Des focuses on applied research and emphasizes the advance of knowledge in the design disciplines. It is intended for persons who are well versed and professionally advanced in the design profession and who seek to make original contributions to their fields.

The D. Des addresses a demonstrated void in design education by specifically bridging education, research, and practice within a philosophical and pedagogical framework of interdisciplinary inquiry and critical synthesis.

Goals and Objectives

The D. Des educates students so that they will become more valuable to academic, business, and government organizations that require greater artistic, scientific and investigative skills. It provides candidates with opportunities to develop and deepen their education in three important ways:

- Enhancing research and analytical skills with rigorous methods that are employed within the pedagogy of design-oriented investigation, critical synthesis, and problem-solving;
- Acquiring advanced knowledge specific to their area(s) of inquiry through comprehensive scholarly investigations and distinguishing documentation;
- Developing critical design and synthesis process skills in the context of interdisciplinarity.

The program goals are three fold—interdisciplinary, disciplinary, and community. The D. Des contributes to the collaboration and critical assessment of the relationships among Architecture, Landscape Architecture, Interior Design, and other related disciplines. Improved understanding of these relationships will support these professions’ ability to undertake and solve complex and interrelated social and environmental design problems. Interdisciplinarity is one of the distinguishing characteristics of the program—giving candidates a broader knowledge and skill base.

Concurrent to the interdisciplinary focus of the program is the development of specific disciplinary goals designed to deepen knowledge and investigative methodologies inherent in and supportive of each of the design professional fields. Each candidate will apply the appropriate philosophical, technical and/or synthetic focus to their study and will develop critical content to their research contributing in innovative and original ways.

The program seeks to educate students so that they can contribute in teaching, design and/or community service. While some of the academic work will be theoretical in nature, the program will emphasize application within the context of the built and natural environments as well as a specific area of concentration.

Areas of Concentration

The D. Des offers three areas of concentration each rooted in the context of design that is supportive of public health, safety, and welfare as well as the sustenance of life-support systems. These three concentration areas are: 1) History, Theory, and Criticism, 2) Physical Design, and 3) People and Place. These concentrations fulfill specific needs in the design disciplines while at the same time building upon faculty expertise at Washington State University.

- 1) History, Theory, and Criticism
Those following the History, Theory, and Criticism concentration pursue cultural and theoretical issues in the history of design. This concentration enables the development of new knowledge and methods for promoting critical inquiry and assessment into the history of design and provides informed insights into the various factors and influences that have shaped design decisions over time. Students may study contemporary criticism and analysis as well as other areas that advance design theory.
- 2) Physical Design
The Physical Design concentration emphasizes critical evaluation of the spatial (three-dimensional) and temporal arrangement of spaces and objects in micro and macro environments. This concentration provides the opportunity for students to examine how structures and objects are designed, produced, and used.
- 3) People and Place
Students in this concentration focus on the interaction between people and their relationship to the environment. Within this concentration the interaction between people and environment is analyzed for its behavioral and psychological effects. Special attention may be paid to specific user groups as defined by ethnicity, culture, gender, age, or other characteristics.

Program Structure and Curriculum

The D. Des is for individuals who are interested in acquiring the necessary knowledge and skills to conduct substantive, innovative, and original research that contributes to the theoretical and methodological foundations of the design disciplines. Such individuals must possess a Master's degree to enter the program and may come from a variety of academic and professional backgrounds. It is expected, however, that most who enter the program will have experience in Architecture, Construction Management, Interior Design, or Landscape Architecture. Since most of these potential students come from a professional orientation rather than a research orientation, it is crucial that the curriculum provide a common base of understanding and appreciation for design theory and research methods through a set of Foundation Courses. The Foundation Courses will be required of all students and composed of 19 semester hours of graded coursework. These courses are:

Arch/LA/ID 530 Philosophies and Theories of the Built Environment 3cr
Arch/LA/ID 540 Research Methods 3cr
Arch/LA/ID 560 Seminar: Place Types 3cr
DESGN 550 Design Applications 3cr
DESGN 562 Area Readings 3cr
DESGN 541 Research Practicum 4cr

Total Foundation Credits = 19 cr

The curriculum is structured to provide students with a solid grounding in design research and theory in addition to an appreciation for the methodological linkages between and among the design disciplines. As students move gradually through the program they are introduced to the three possible areas of concentration. Once exposed to these three concentrations each student is

expected to identify and pursue an area of specialization within one of the concentrations that will lead to highly specialized and original dissertation research. Such a curriculum framework promotes stimulating intellectual discourse among individuals with various professional backgrounds, research interests, and philosophies.

Program Requirements

- Total of 72 credits, including a minimum of 39 credits of graded (500-level) coursework, of which 19 credits are graded Foundation coursework and 21 are Area Concentration Electives; and a minimum of 20 credits of DESGN 800 (Doctoral Research). Note: a maximum of 9 credits of 300-400 level graded coursework may be substituted for 500-level graded coursework with permission of advisor. Transfer credit for Foundation courses can be requested and will be evaluated on an individual basis with a maximum of 12 credit hours possible.
- Residency Requirement: Students will be expected to meet minimum Graduate School residency requirements.
- Area Readings: As part of their Foundation coursework, students must complete 3 semester hours of Area Readings in their chosen area of concentration.
- Research and Additional Studies: Upon admittance to the program, each student's background in statistics and his/her understanding of both quantitative and qualitative evaluation techniques will be assessed to determine what courses in these areas are necessary for the Program of Study. Candidates entering the program from disciplines other than design will be required to complete additional design courses.

Application Guidelines

Admission to the Doctor of Design program is based upon the capability of the applicant to complete advanced doctoral studies through a demonstrated ability to think critically; to understand and apply analytical concepts; to conduct substantive, innovative, and original inquiry that contributes to the theoretical and/or methodological foundations of the disciplines of Architecture, Construction Management, Interior Design, and/or Landscape Architecture; and to appreciate and understand interdisciplinary linkages across design and related disciplines.

To ensure the highest level of faculty support and proper level of faculty guidance, the program seeks to accept those students whose research interests are best matched with faculty specializations and expertise. Although the Doctor of Design is administered through WSU Spokane, participating faculty are located at both WSU Spokane and WSU Pullman and faculty from both campuses direct, supervise, and/or serve as members of student committees.

In each applicant's submission package, at least 2 faculty members at WSU Spokane, WSU Pullman, or both campuses whose interests coincide with the applicant's interests must be identified in the written statement of purpose. Each applicant is encouraged to seek information about the potential match between faculty scholarship and the applicant's interests through direct contact with the faculty. While the final written statement of purpose is solely the responsibility of the applicant, it is essential that a clear connection be established in the applicant's statement of purpose between the applicant's interests and those of at least 2 members of the faculty.

Required Components of the Application Package

1. Completed Graduate School Application Form.
2. Official transcripts from all colleges and universities from which credit has been received.
3. TOEFL scores for international applicants (Minimum 600 paper test/250 computer test).
4. Graduate Record Examination (GRE) test results.
5. Vita or resume.

6. Statement of purpose (not to exceed 1500 words).
7. Documentation of one faculty member accepting initial responsibility to work with the applicant.
8. Three letters of recommendation from educational and/or professional references that can speak on the applicant's behalf regarding his/her research and academic potential, and ability to succeed in a doctoral program.
9. Exhibit of work illustrating the applicant's interests and abilities in areas related to the design disciplines at Washington State University. This exhibit should be representative of the applicant's most significant work and may include design projects, research papers, evidence of participation in interdisciplinary teams, academic papers, scholarly and/or professional presentations, or other work relevant to the applicant's area of interest. The work may be presented via hard copy reprints, web accessibility, CD, DVD, or combined media as appropriate. (Materials will be returned to the applicant after admission decisions have been made in mid-February. Please include a stamped, self-addressed envelope for the return of these materials).

A limited number of assistantships are available. Candidates interested should include a separate statement requesting an assistantship in their application package (Maximum 150 words).

Application Deadline

ALL MATERIALS MUST BE POSTMARKED NO LATER THAN FEBRUARY 1

Application Form, GRE, TOEFL, Transcripts

Applicants must complete the Washington State University Graduate School Application Form either on-line or via hard copy at <http://www.gradsch.wsu.edu>. Official TOEFL scores (when applicable), and transcripts should be sent directly to the Washington State University Graduate School (Items 1-3). Official copies of Items 1-3 plus Items 4-9 should be sent to the Interdisciplinary Design Institute at WSU Spokane. (See Application Checklist for Doctor of Design for specific details at <http://www.spokane.wsu.edu/academic/design/graduate.html> or on page 4 of this document).

Vita or Resume

The vita or resume is to be a maximum of 5 pages. The format is determined by the applicant and should include background information about the applicant's education, professional/work experience, professional certification or licensure, professional affiliations, and evidence of significant accomplishments such as grants received, publications, presentations, awards, competitions, interdisciplinary team projects, and/or other activities deemed significant by the applicant.

Statement of Purpose

The statement of purpose is one of the most important components in the application package. As a personal expression of interest, this statement distinguishes applicants from each other and clarifies the relationship between each applicant's interests and the scholarship of WSU faculty. The statement of purpose should elaborate upon information provided in the transcripts and vita/resume and deliver a concise description of the applicant's objectives, including research interests and intended course of study. This information is critical and, for that reason, the statement of purpose should reflect a clear rationale for pursuing the Doctor of Design at Washington State University.

The statement should include:

- Brief overview of academic and/or professional background.
- Description of motivation for pursuing doctoral studies, brief narrative describing current research interests, concise description of the potential topic to be explored, and the anticipated Concentration (i.e., History, Theory, Criticism; Physical Design; or People and Place).
- Identification of at least 2 members of the faculty with whom the applicant would like to work or whose scholarship is compatible with the applicant's interests. (Note: At least 1 of the 2 faculty identified must agree in writing that their scholarship is compatible with the applicant's interests and that they will accept initial responsibility to work with the applicant. This documentation may be a FAX note, initialed letter or memo, or email correspondence).
- Description of how the interests of the applicant and the identified faculty are compatible.
- Short conclusion describing the applicant's career goals and how the Doctor of Design will contribute to those goals.

The admissions committee needs a clear understanding of each applicant's objectives and interests in order to ensure compatibility with the faculty interests. The statement of purpose must be a maximum of 1500 words (Times Roman, 10-point font, single spaced, double space between paragraphs).

Contact Information

D.Des Coordinator
Interdisciplinary Design Institute
Washington State University Spokane
668 N. Riverpoint Blvd.
PO Box 1495
Spokane, WA 99210-1495
Phone: 509-358-7920
Fax: 509-358-7900
E-mail: design@wsu.edu

All questions regarding the philosophy of the Doctor of Design, the appropriateness of the applicant's background, the potential match of the applicant's interests with faculty at WSU, content of the program, and assistantship opportunities should be directed to the D. Des Coordinator.

Jaime Rice, EdM, Academic Coordinator
Interdisciplinary Design Institute
Washington State University Spokane
668 N. Riverpoint Blvd.
PO Box 1495
Spokane, WA 99210-1495
Phone: 509-358-7945
Fax: 509-358-7900
E-mail: jlrice@wsu.edu

All questions regarding the application process and requirements for completion of the degree should be directed to the Academic Coordinator.

Signature Page

All students must read and agree to the policies, procedures, and deadlines set forth in the MS Architecture Graduate Handbook. Questions regarding any of these should be directed towards the Graduate Coordinator. All signature page agreements are due no later than 5pm on Friday, August 25.

I _____ have read and agree to the policies, procedures, and deadlines as outlined in the MS Architecture Graduate Handbook.

Signed

Date