

## ARCHITECTURE

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### SCHOOL OF ARCHITECTURE

**Anz, Craig K.**, Assistant Professor, M. Arch., University of Texas at Arlington, 1991; 2004.

**Brazley, Michael D.**, Assistant Professor, Ph.D., University of Louisville, 2002; 2004.

**Davey, Jon**, Professor, M.S., Southern Illinois University Carbondale, 1987; 1981.

**Dobbins, John**, Associate Professor, M. Arch., University of Illinois, 1986; 1995.

**Kidd, Laura K.**, Associate Professor, Ph.D., Iowa State University, 1994; 1996.

**Kremers, Jack**, Professor, M. Arch., University of Michigan, 1966; 2006.

**LaGarce, Melinda**, Associate Professor, M.F.A., Texas Technology University, 1972; 1989.

**McPeck, K. Thomas**, Assistant Professor, M. Arch., Texas A&M University, 1997; 2007

**Owens, Terry**, Associate Professor and *Associate Dean*, M.S. Ed., Southern Illinois University Carbondale, 1984; 1986.

**Poggas, Christy**, Assistant Professor, M.S. Ed., Southern Illinois University Carbondale, 1990. B.Arch., University of Arizona, 1975; 2003.

**Sharabi, Shai Y.**, Assistant Professor, M. Arch., The Ohio State University, 1996; 2004.

**Smith, Peter B.**, Assistant Professor, M. Arch., University of Illinois, 1980; 2001.

**Studak, Cathryn**, Associate Professor, Ph.D., Texas Woman's University, 1993; 2000.

**Swenson, Robert**, Associate Professor, M. Arch., Yale University, 1969; 1999.

**Vera, Maria Del C.**, Assistant Professor, M. Arch and Urban Studies, Universitat Politcnica de Catalunya, 2006; 2007.

**Wendler, Walter V.**, Professor and *Director*, Ph.D., University of Texas, 1991, M. Arch., University of California, Berkley, 1975; 2001.

**Wessel, Stewart P.**, Associate Professor, M.F.A., University of North Texas, 1992; 1996.

**Workman, Jane**, Professor, Ph.D., Purdue University, 1982; 1989.

### Master of Architecture

The Master of Architecture degree is a first professional degree intended for individuals who have completed a pre-professional undergraduate degree in architecture or architectural studies and requires a minimum of 42 semester hours that can be completed over a 15 month period including a summer, fall, spring and summer semester sequence.

The core of the Architecture program is the design studio. In the Graduate program students are exposed to concentrations in community and regional design, technology, theory and building design. Students are required to take advanced courses in research methods, programming and professional practice. Students receive a rigorous and demanding education that will prepare them for a variety of architectural intern positions.

The focus of the Program will develop through the:

- Traditional Program strength in technological innovation and practice connected to architectural theory.
- Service and discovery related to the regional and global culture and environment as a unique model and framework for the study of architecture.
- Investigation of the work and legacy of Bucky Fuller at Southern Illinois University as it impacts twenty-first century architecture.

The entire undergraduate and graduate curriculum is designed to fulfill National Architectural Accrediting Board (NAAB) requirements and conditions for a professional degree in architecture. This accreditation is currently being sought. When fully accredited, the Master of Architecture degree should satisfy the educational requirements for licensing in the state of Illinois as well as the National Council of Architectural Registration Boards (NCARB) certification and licensing in many other states.

*In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit U.S. professional degree programs in architecture, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted a 6-year, 3-year, or 2-year term of accreditation, depending on the extent of its conformance with established educational standards.*

*Master's degree programs may consist of a pre-professional undergraduate degree and a professional graduate degree that, when earned sequentially, constitute an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree.*

*The NAAB grants candidacy status to new programs that have developed viable plans for achieving initial accreditation. Candidacy status indicates that a program should be accredited within 6 years of achieving candidacy, if its plan is properly implemented.*

Accreditation is retroactive for the two years preceding the accreditation date. The scheduled goal is to achieve accreditation effective January 1, 2010. Thus, any class graduating after January 1, 2008 will have earned an accredited degree.

### **Vision and Mission**

The SIUC Architecture Graduate Program invites students to unleash their potential and join in the exploration, development, and creation of architecture in the Heartland of America. It is our **vision** to be an architectural program of excellence built upon the cultural and environmental heritage of the Southern Illinois Region that provides a superior education and produces the highest quality architectural scholarship and research to serve our global communities.

Through our cultural heritage, environmental context and the tradition of integrating emerging technology and innovative practice, the mission of the Architecture faculty and students is to explore, create, and develop architecture as a synthesis of design excellence, artistic expression, technology and community involvement.

### **Goals**

- Our graduates are lifelong learners, leading citizens and professionals in communities throughout the world.
- We provide for the development of individual creativity through the expression of human, social and environmental values.
- We serve our communities through problem solving and creative efforts in the addressing of regional issues.
- We seek to fulfill the vision expressed by Ernest Boyer and Lee Mitgang in Building Community to:
  - Produce architecture that enhances the quality of life of our communities, serves the needs of clients, uplifts the human spirit, preserves the environment, provides social justice and expands aesthetic frontiers.
  - Pursue the scholarship of discovery, integration, application and teaching
  - Provide a curriculum that is liberal, flexible and integrated both within the discipline of architecture and in connections with other disciplines in the design-build process.

### **Mission Requirements and Procedures**

A complete application consists of:

- (1) The Master of Architecture application form
- (2) Graduate School application
- (3) Application fee of \$50.00
- (4) Portfolio
  - Examples of work should include design studio work, professional presentation drawings, and any related expressions that demonstrate the applicant's design and communication abilities. Professional work should include a statement from the employer stating the role of the applicant in the process and product of the work.
  - Preferred sizes: (8 ½" x 11") or (11" x 17")
  - Maximum number of pages: 25
  - Maximum weight: 16 ounces
  - Covers and binding: simple and easy to read
  - Portfolios will be returned by mail to the applicant if a self-addressed stamped envelope is provided and the weight is 16 ounces or less. Portfolios will be held for pick-up for two months after a letter of notifying the applicant of the decision has been mailed. After two months, portfolios not retrieved will be discarded.
- (5) Three letters of recommendation
- (6) Official transcripts from all institutions attended
- (7) Statement of purpose expressing academic and professional career goals and plans

International applicants also need to supply TOEFL (Test of English as a Foreign Language) scores that satisfy the Graduate School requirements and Certification of Finances for Admission to the Graduate College.

Graduate Record Examination (GRE) is not required for the Master of Architecture Program. However, many scholarship and fellowship opportunities do require the GRE. Applicants are encouraged to submit test scores.

Application materials are reviewed by the faculty of the School of Architecture. Each submission is evaluated individually and the decisions are based upon the quality of the portfolio, the strength of the academic record, the letters of recommendation, professional experience and the commitment and clarity expressed in the letter of intent.

### **Contact:**

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### Curriculum Guide

The curriculum has been created to provide a superior architectural education and satisfy NAAB “Student Performance Requirements”. All applications will be reviewed to ascertain fulfillment of the educational criteria of the SIU undergraduate program. Any deficiencies will be defined upon acceptance into the program as well as the necessary course requirements to eliminate those deficiencies. Those requirements must be fulfilled prior to completion of the Master of Architecture degree.

The Graduate curriculum consists of 42 semester credit hours which must be completed prior to awarding of the Master of Architecture degree.

#### Summer I Semester:

ARC 454a-6: Architectural Studio Abroad	3
or	
ARC 454b-6: Regional Architectural Studio	<u>3</u>
	6

#### Fall Semester:

ARC 500-3: Research Methods and Programming	3
ARC 501-3/531-3/541-3: Seminar Elective	3
ARC 551-6 Graduate Architectural Design/Thesis I	6
Elective	<u>3</u>
	15

#### Spring Semester:

ARC532-3 Architectural History III: Non-Western Architecture	3
ARC592-3 Architectural Professional Practice II	3
ARC552-6 Graduate Architectural Design/Thesis II	6
Elective	<u>3</u>
	15

#### Summer II Semester

ARC 554-6 Graduate Architectural Design/Thesis III	6
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### Courses (ARC)

**ARC 454a-6 Architecture Studio Abroad.** Architectural Design studio located in a foreign culture, co-taught by local faculty members and focused upon local urban studies. This will serve as a foundation to the development of a design/thesis project. Travel tours are included in the program. Expenses associated with the course such as travel, room and board are additional to tuition charges. Prerequisite: Enrollment in M. Arch. program or approval by Head of Graduate Program.

**ARC 454b-6 Regional Architecture Studio.** Architectural Design Studio focused upon regional architecture and planning. The studio will address the local issues and build upon the local cultural and design traditions. This provides a framework for architectural issues of both local and global impact. This course serves as a foundation to the development of a thesis project in the Graduate Program. Prerequisite: Enrollment in M. Arch. program or approval by Head of Graduate Program.

**ARC 500-3 Research Methods and Programming.** The foundational study of research methods and programming that serve architectural studies. This course investigates the co-application of multiple methodologies for the development of research topics and architectural programs. The conclusion of the course is the definition of an individual thesis project to be completed in the Graduate Program. Prerequisites: 454a or 454b or approval by Head of Graduate Program.

**ARC 501-3 Seminar: Architectural Theory.** Seminar devoted to the teaching, investigation and discussion of contemporary architectural issues related to theory. Students have the opportunity to explore a variety of subjects through assigned readings and investigations. Prerequisites: 454a or 454b or approval by Head of Graduate Program.

**ARC 531-3 Seminar: Architectural History.** A seminar devoted to the teaching, investigation and discussion of the history of architecture. Students have the opportunity to investigate historical precedents and the context within which these ideas have developed. The connection to the contemporary architectural setting and current concepts will be developed and discussed. Prerequisites: 454a or 454b or approval of Head of Graduate Program.

**ARC 532-3 Architectural History III: Non-Western Architecture.** Seminar to discuss architecture beyond the tradition of Western civilization. Focus is upon the architecture of Asia, the Middle East and North America. Primitive, pre-industrial vernacular as well as cultural specific high style architecture is included. The course format is: lectures, assigned reading, class discussion and individual research reports.

**ARC 541-3 Seminar: Technology.** A seminar devoted to the teaching, investigation and discussion of technology and its impact upon contemporary architecture. Students have the opportunity to investigate significant technological trends and systems and discover applications and opportunities in architecture. Prerequisite: 454a or 454b or approval of Head of Graduate Program.

**ARC 551-6 Graduate Architectural Design/Thesis I.** The initial development of an individual design/thesis project in a studio setting. The design studio will develop an assigned project as developed by the studio faculty member with individuals developing specific study areas. The student has the option of proposing an individual Thesis research project with a Thesis advisor and two additional committee members. Approval of the Thesis project is required. Prerequisites: 454a or 454b.

**ARC 552-6 Graduate Architectural Design/Thesis II.** A continuation of ARC 551 in the development of the individual design/thesis project in a studio setting. Prerequisites: 551.

**ARC 554-6 Graduate Architectural Design/Thesis III.** A continuation of ARC 552 in the conclusion, presentation and final approval of the individual design/thesis project in a studio setting. Prerequisites: 552.

**ARC 592-3 Architectural Professional Practice II.** The development of the study and discussion of architectural professional practice issues including leadership, legal responsibilities, ethics and professional judgment. Prerequisites: 454a or 454b or approval by Head of Graduate Program.

**ARC 599-3 Special Topics.** The study of various architectural topics as announced in advance. This course allows both faculty and students to suggest ideas and pursue unique and current ideas. Prerequisites: 454a or 454b or approval by Head of Graduate Program.

**ARC 601-1 Continuing Enrollment.** For Graduate students who have not finished their Master of Architecture Program and are in the process of completing their thesis or capstone project course (ARC 554). The student must have completed all other course requirements to be eligible to register for this course. Concurrent enrollment in any other course is not permitted. Graded S/U or DEF only. Prerequisites: Completion of other course work.