ARCHITECTURE

COLLEGE OF APPLIED SCIENCES AND ARTS

Graduate Faculty:

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 and Head, Master of Architecture program, M. Arch., M. B. A., University of Illinois, 1986; 1995.
Kidd, Laura K., Associate Professor, Ph.D., Iowa State University, 1994; 1996.
Kremers, Jack, Professor, Emeritus, M. Arch, University of Michigan, 1966; 2006.
Lach, Norman, Assistant Professor, M. Arch, University of Illinois, 1974; 1974.
LaGarce, Melinda, Associate Professor, M.F.A., Texas Technology University, 1972; 1989.
McDonald, Shannon Sanders, Assistant Professor, M. Arch., Yale University, 1992; 2011.
McPeek, K. Thomas, Assistant Professor, M. Arch, Texas A&M University, 1997; 2007
Morthland, Laura, Assistant Professor, M.A., University of Oregon, 2003; 2006.
Owens, Terry, Associate Professor and Interim Dean, M.S. Ed., Southern Illinois University Carbondale, 1984; 1986.

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 R. Buckminster 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. The Master of Architecture degree is fully accredited by the National Architecture Accrediting Board (NAAB) and meets educational requirements for licensure in Illinois and other states as well as National Council of Architectural Registration Boards (NCARB) certification requirements.

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.

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
- 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:
John K. Dobbins, Architect
Assoc. Professor and Head, Master of Architecture program
875 South Normal
413 Quigley Hall, MC 4337
Southern Illinois University Carbondale
Carbondale IL 62901
618-453-3734
Fax: 618-453-1129
jdoobbins@siu.edu

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 550: Regional Architecture Studio 6
TOTAL 6

Fall Semester:
ARC 500-3: Research Methods and Programming 3
ARC 541-3: Arch. Systems & the Environment 3
ARC 551-6 Comprehensive Architecture Design Studio 6
ARC 591-3: Architectural Professional Practice I 3
TOTAL 15

Spring Semester:
ARC532-3: Architectural History III: Non-Western Architecture 3
ARC 552-6: Graduate Architectural Design Thesis I 3
ARC 592-3: Architectural Professional Practice II 6
Elective 3
TOTAL 15

Summer II Semester
ARC 554-6: Design/Thesis II –or- 6
ARC 593-6: Architectural Research Paper –or- 6
ARC 599-6: Thesis 6
TOTAL 6

Courses (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: ARC 500. Restricted to enrollment in the M. Arch. Program.

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.

502-3 Architecture Seminar. Study of current trends and topics in architecture. Assigned readings and investigations are completed on approved topics chosen by the student. Students have the option of completing in situ study during the course.

503-3 Environmental Behavior Studies in Architecture. This seminar introduces students of architecture to environmental behavior studies. The course deals with the complex relationships between people and their physical, social, and cultural environments. Students are introduced to common core of theories and methods rooted in the environmental design professions, social and physical sciences, and the humanities.

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.

532-3 Global Traditions in 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.

541-3 Architectural Systems and the Environment. Provides an overview of building technology and systems and the role of building systems performance in providing architectural and human environments and their subsequent impact upon the natural environment. The course builds upon the philosophical ideas of sustainable design and resource consumption tools. Prerequisite:
Enrollment in M. Arch. Program & 550. Concurrent enrollment in 551 is required.

550-6 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. Prerequisite: Enrollment in M. Arch. program.

551-6 Comprehensive Architecture Design Studio. Arch. design studio focused upon comprehensive design of a large-scale urban building as fulfillment of the total integration of architectural systems and design criteria. This course serves as the culmination of the fulfillment of student performance criteria through the integration of all major building and urban systems while addressing the current human, social, and environmental issues. Prerequisite: Enrollment in M. Arch. Program & 550. Concurrent enrollment in 541 required.

552-6 Graduate Architectural Design/Thesis I. Initial development of individual design thesis project in a studio setting. The studio will consist of design project or an individual student thesis project as developed in ARC 500-3. Approval of thesis project by graduate faculty is required. Prerequisite: ARC 500 and 551. Restricted to enrollment in M. Arch. Program.

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. This course is taken by students who wish to graduate through the department. Prerequisite: 552.

570-3 Architectural Visualization. This course is designed to give the student a fundamental understanding of the practices of 3D architectural modeling and visualization. Themes emphasized are: 3D modeling; still frame rendering; animation production; image editing and post productive. restricted to enrollment in M. Arch. Program.

581-3 Special Projects. Investigation of individual problems in architecture under the supervision of a faculty member. Restricted to M. Arch majors. Special approval needed from the instructor.

582-1 to 6 Special Readings in Architecture. Assigned readings in an area of architecture under the supervision of a faculty member. Restricted to M. Arch. Majors. Special approval needed from the instructor.

591-3 Architectural Professional Practice I. Introduction to the organization, management, and practice of architecture as a business and profession. Emphasis is placed on the range of services provided, professional ethics, business management, marketing, contacts, and negotiations, design cost analysis/controls, and other aspects of professional practice. Restricted to enrollment in M. Arch. Program.

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. Prerequisite: ARC 591. Restricted to enrollment in M. Arch. Program.

593-6 Architectural Research Paper. This course is for students who wish to perform individual research in architecture on an approved topic. Prerequisite: ARC 552. Restricted to enrollment in M. Arch. Program.

599-6 Thesis. Graded S/U or DEF only. Prerequisite: ARC 552. Restricted to enrollment in A. Arch. Program.

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 all other coursework.