

College of Fine Arts

The graduate programs in the College of Fine Arts are considered among the very best in the country. Indeed, several programs are considered the “best!” The deserved reputations of these discrete programs are based largely on the excellent graduate faculty, which consists of highly trained artists and educators of national stature. Graduate programs include: the M.F.A. degree in visual arts; M.M. degree in music with programs in applied music, music education, and theory/composition and the Doctor of Music Arts (D.M.A.); M.F.A. in design/theatre technology, music theatre performance, screenwriting, and playwriting; an M.A. in theatre research; and, a Master of Architecture degree. We have designed all graduate programs, at the professional level, to prepare students to compete aggressively in their chosen fields. Thanks to an excellent artist-in-residence program, our students are exposed to, and work with, professionals who regularly visit the college. Certain of the programs have developed relationships with the best professional outlets in their areas, allowing students to work and interact with professionals prior to graduation. All graduate programs are accredited by their individual accrediting agencies.

The College of Fine Arts is committed to excellence in the classroom in conjunction with practical experience, which hones the skills and talents of its students. An excellent faculty, excellent facilities, excellent connections to the professions, and excellent students all contribute to a fast-growing college that can enhance careers and help dreams become realities.

Jeffrey Koep, Dean

School of Architecture

Director

Kroelinger, Michael D. (2003), Professor; B.S., University of Alabama; M.S., University of Tennessee; M.Arch., University of Arizona; Ph.D., University of Tennessee.

Graduate Coordinator

Fernandez-Gonzalez, Alfredo (2003), Associate Professor; B.Arch., Universidad La Salle; Specialist, National Autonomous University of Mexico; M.Arch, University of Oregon.

Graduate Faculty

Alcorn, Michael (1993), Associate Professor; B.Arch., University of Kentucky; M.Arch., University of Illinois; M.F.A., Art Institute of Chicago.

Hashem, Zouheir (1994), Associate Professor; B.S., University of Texas at Austin; M.S., Ph.D., University of Texas at Arlington.

Hoag, Edwin R. (2004), Associate Professor; B.S.L.A., Michigan State University; M.S. Oklahoma State University; D.E.D., Texas A&M University.

Lawrence, Attila (1988), Professor; B.F.A., Philadelphia College of Art; M.A., Pennsylvania State University.

Ortega, Daniel (2000), Assistant Professor; B.L.A., University of Nevada, Las Vegas; M.L.A., Rhode Island School of Design.

Stern, Ralph (2004), Associate Professor; B.Arch., University of Oregon; DipL-Ing. USA; BAT IIa, Technische Universität Berlin.

White, Janet (1999), Assistant Professor; A.B., Bryn Mawr College; M.Arch., Columbia University; M.A., Ph.D., Cornell University.

The School of Architecture offers an NAAB accredited Master of Architecture professional degree (M. Arch). The M. Arch. program has the goals of developing students’ abilities to conceive and accurately represent environmentally sound and aesthetically fitting spaces at different scales and to provide a basis for understanding the consequences that these spaces have for their inhabitants, for society, and for the environment.

The School of Architecture capitalizes on the unique conditions provided by the city of Las Vegas and Southern Nevada. The School of Architecture current research emphasis areas are: 1. Sustainable desert climate architecture; 2. Solar and energy efficient building design; 3. Ecological land planning; 4. Environmental, historic, and socio-cultural contexts ranging from the city to the building site; and 5. Tourism and recreation aspects. Due to an unprecedented regional growth, our students are partaking in excellent employment opportunities in the design and construction professions.

Admission Requirements

Each Master of Architecture program applicant must hold a baccalaureate or graduate degree from a regionally accredited college or university recognized by the University of Nevada, Las Vegas. Applicants must have a cumulative undergraduate GPA of 3.00 or higher. Applicants are also required to submit a design portfolio for review, a statement of intent, two letters of reference, and GRE scores of 410 or higher in the verbal section and 430 or higher in the quantitative section. The combined GRE score of these two sections may be no less than 850. International students whose native language is not English must also submit a TOEFL score of 550 (written) or 213 (computerized) or better.

Interested applicants can find detailed information about the Master of Architecture program directly from the School of Architecture's web site (<http://architecture.unlv.edu/>).

Master of Architecture Program

Because of differing levels of preparation among entering master's degree applicants, different paths for admission have been established according to NAAB accreditation requirements; namely, the 4+2 and the 3+ paths.

1. The 4+2 path is intended for students holding the Bachelor of Science degree with a major in architecture or its equivalent in curriculum content to the UNLV undergraduate program. Qualified applicants holding a five year, NAAB accredited Bachelor of Architecture professional degree may be granted advanced placement.
2. The 3+ path is designed for qualified applicants holding undergraduate or graduate degrees in fields of study other than architecture. If admitted, students are required to complete both undergraduate- and graduate-level preparatory work as specified by the program faculty before proceeding to the final four semesters of the Master of Architecture program.

Accreditation

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 six-year, three year, or two-year term of accreditation, depending on its degree of conformance with established educational standards.

Master's degree programs may consist of a preprofessional undergraduate degree and a professional graduate degree, which, earned sequentially, comprise an accredited professional education. However, the preprofessional 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 six years of achieving candidacy, if its plan is properly implemented.

The UNLV Master of Architecture program was accredited by NAAB in 1997.

Degree Requirements

The minimum graduate credit hours required for the Master of Architecture degree is 48. Students admitted into the 3+ path are, in addition, required to complete preparatory undergraduate- and graduate-level work as specified by the program faculty.

Required Graduate Courses

Design Studios	18 or 24 credits
AAE 771L, AAE 772L, AAE 789, and AAE 791 (Professional Project Option) or AAE 790 (Written Thesis Option)	
Architectural Research Methods	3 credits
AAE 770	
History/Theory/Criticism	3 credits
AAE 660	
Building Systems	3 credits
ABS 741	
Design Management	3 credits
AAE 756	
Concentration Electives	12 or 18 credits
Selected graduate-level courses as approved by the graduate coordinator (12 credits for students pursuing the Professional Project Option and 18 credits for students pursuing the Written Thesis Option).	

Additional Required Courses for 3+ Path

Design Studios	21 credits
AAE 711L, AAE 712L, AAE 713L, and AAE 714L	
Internship (if not previously completed)	0 credits
AAD 600	
Selected undergraduate architecture courses as required by faculty review.	

The following requirements apply to graduate students:

1. After admission, students are required to maintain a minimum GPA of 3.00 on a 4.00 point scale. Any student whose GPA falls below 3.00 will be placed on probation and will have one semester to raise his/her GPA to 3.00 or higher.
2. Only those courses in which a student receives a grade of B- or better may be used for graduate credit. Students must comply with all UNLV and Graduate College policies.
3. As specified in the *Graduate Catalog*, the student and the graduate coordinator will develop and file a program of study with the Graduate College. Before filing, the program must receive approval by the School of Architecture Graduate Committee.
4. In order to assess the student's progress in the program, the School of Architecture Graduate Committee will meet once a year with the student to determine whether or not he/she may advance to the next graduate year.

5. As a final requirement for the M. Arch. professional degree, each student is required to present his/her Professional Project (Professional Project Option) to the School of Architecture Graduate Committee, or take a final oral examination in which the student will defend his/her master's written thesis (Thesis Option).

Professional Project Option

The student must successfully complete a Professional Project developed as part of the course work of the AAE 789 and AAE 791 Design Studios. The Professional Project should address a significant architectural problem and demonstrate a comprehensive design solution. The requirements and evaluation of this project will be determined by the instructor of the AAE 789 and AAE 791 design studio sequence.

Thesis Option

In lieu of the Professional Project, a student may elect, with the approval from the School of Architecture Graduate Committee, to write a research-based Master's thesis. Once a student chooses to do the Thesis Option, he/she will have to select a four-member Thesis Advisory Committee that will be appointed with the approval of the graduate coordinator and the Graduate College. The master's thesis will have to focus on an area of concentration approved by the student's Thesis Advisory Committee and supported by elective course work related to the selected concentration subject. The student should register to the AAE 790 course during the last year in the program.

The instructions outlined in the Graduate College Guide to Preparing and Submitting Your Thesis or Dissertation must be followed in the preparation and final submission of the thesis. In addition to the requirements of the Graduate College, a bound copy must be submitted to the student's Thesis Advisory Committee chair and to the Architecture Studies Library.

The school reserves the right to retain any or all student projects for the program's future use and exhibition.

Design

AAE 701 **International Study** **6 credits**

Full-time study of architecture and/or allied studies in a foreign location as designated by the program. May be repeated to a maximum of 12 credits. Prerequisites: Consent of instructor.

AAE 793 **Independent Study** **1-3 credits**

Independent study of a selected topic in architectural design. May be repeated to a maximum of six credits. Prerequisites: Consent of instructor.

AAE 795 **1-4 credits**

Advanced Special Topics in Design

Experimental and other topics which may be of current interest in design. Topics and credits to be announced. May be repeated to a maximum of eight credits. Prerequisites: Graduate admission and consent of instructor.

Architecture

AAE 711L **3 credits**

Graduate Design I: Design and Communication

Basic principles of design and communication. Understanding of the fundamentals of architectural graphics, 2-D design principles, 3-D composition and the effect of design elements on design decisions. Prerequisites: Graduate standing.

AAE 712L **6 credits**

Graduate Design II: Fundamentals

Principles of design for graduate students. Understanding of the fundamentals of architectural design principles, site planning, architectural programming, response to specific and unique climate conditions for a given site. Prerequisites: AAE 711L or consent of graduate coordinator.

AAE 713L **6 credits**

Graduate Design III

Design of residential structures at different scales. Emphasis on psychological and behavioral aspects of space and analysis of user needs. Prerequisites: AAE 712L or consent of graduate coordinator.

AAE 714L **6 credits**

Graduate Design IV

Design of medium scale urban buildings. Emphasis on integration of building systems, urban design issues, and value engineering analysis. Prerequisites: AAE 713L or consent of graduate coordinator.

AAE 735 **3 credits**

Developing Sustainable Design

Exploration of sustainable design emphasizing application of analytical, conceptual, and representational skills within projects that engage cultural, ecological, technological, and urban contexts. Prerequisite: Graduate standing.

AAE 756 **3 credits**

Design Practice Management II

Investigation of professional management and organizational issues in the practice of architecture including project delivery, strategic business and financial planning. Prerequisite: AAE 652 or equivalent.

AAE 770 **3 credits**

Research Methods in Environmental Design

Survey of research methods in environmental design. Quantitative and qualitative methods used in researching design, social/behavioral and technical problems in architecture. Prerequisite: Graduate standing.

AAE 771L **6 credits**

Architectural Design V

Design and presentation of complex urban developments and multistory structures in an urban context. Prerequisite: AAE 714L or consent of graduate coordinator.

AAE 772L **6 credits**

Architectural Design VI

Continuation of Architectural Design V, AAE 771L. Corequisite: ABS 741. Prerequisite: AAE 771L or consent of graduate coordinator.

AAE 775 **3 credits**

Tourist Facility Design and Development

Focuses on the interrelationships of social, economic and physical aspects of total tourist facilities design, with emphasis on the physical development of tourism, planning concepts of tourist centers and resort areas. Prerequisite: Consent of instructor.

AAE 780 **3 credits**

The Design-Build Process

Design-build process for project delivery. Analysis of alternative methods. Exploration of design-build concept from initial phases through to project start up and delivery. Prerequisite: Graduate standing.

AAE 789 **6 credits**

Architecture Research Studio

Comprehensive building design project producing final report summarizing the building typology and conceptual design research and definitive written program requirements. Prerequisite: AAE 772L.

AAE 790 **6 credits**

Thesis Writing

Full draft of the written thesis must be completed. Refinement of the problem statement and methodology, completion of literature review, investigation of the chosen problem, data collection and analysis expected. May be repeated until course requirements are satisfied, but only six credits counted toward M.Arch. degree. S/F grading only. Prerequisite: Consent of graduate coordinator.

AAE 791 **6 credits**

Professional Project Design

Design of a complex building, a major design competition, or a comprehensive, integrated building design problem. Prerequisite: AAE 789.

AAE 793 **1-3 credits**

Advanced Independent Study

Advanced independent study of a selected topic in architectural design. Paper required. May be repeated to a maximum of six credits. Prerequisites: Graduate standing and consent of instructor.

AAE 795 **1-4 credits**

Advanced Special Topics in Design

Outlet for experimental and other topics which may be of current interest in design. Topics and credits to be announced. May be repeated to a maximum of eight credits. Prerequisites: Graduate standing and consent of instructor.

Building Science

The following courses may also be used for graduate elective credit. For descriptions of 600-level courses, please consult the current UNLV *Undergraduate Catalog* where they are listed as 400-level classes.

ABS 731 **3 credits**

Lighting Design and Technology

Provides an understanding of architectural lighting design. Fundamental principles of light, vision and perception, visual comfort and performance, daylight and electric light sources, systems and luminaires, electrical and lighting codes, and lighting design for a variety of applications. Emphasis on energy-efficient design strategies, system integration and occupant comfort. Prerequisites: ABS 331 and ABS 332 or equivalent.

ABS 732 **3 credits**

Solar Energy Applications in Architecture

Solar energy as a renewable energy resource for heating and cooling of buildings. Presents technical and design issues of passive and active solar energy systems, as well as solar electric power (photovoltaics). Emphasis on architectural design integration and occupant comfort. Explores design-related projects and case studies of existing solar buildings. Prerequisites: ABS 331 and ABS 332 or equivalent.

ABS 741 **3 credits**

Integrated Building Systems

Design of building structures together with mechanical and electrical services, life safety codes, and building codes. Prerequisite: Graduate standing.

ABS 743 **3 credits**

Advanced Computer Applications for Structures

Application of specialized computer programs in structural design. Prerequisites: ABS 341 or equivalent.

ABS 793 **1-3 credits**

Advanced Independent Study

Advanced independent study of a selected building science topic. Paper required. May be repeated to a maximum of six credits. Prerequisites: Graduate standing and consent of instructor.

ABS 795**1-4 credits****Advanced Special Topics in Building Science**

Outlet for experimental and other topics of interest in advanced building science. Paper required. Topics and credits to be announced. May be repeated to a maximum of eight credits. Prerequisites: Graduate standing and consent of instructor.

The following courses may also be used for graduate elective credit. For descriptions of 600-level courses, please consult the current UNLV *Undergraduate Catalog* where they are listed as 400-level classes.

AAE 600	Clinical Internship
AAE 601	International Study
AAE 661	Computer Applications in Architecture I
AAE 662	Computer Applications in Architecture II
AAE 691	Professional Practice
AAE 693	Independent Study
AAE 695	Special Topics in Design
AAE 653	Visionary and Utopian Architecture: Plato to Bladerunner
AAE 655	18th and 19th Century Architectural History and Theory
AAE 656	Twentieth-Century Architecture History and Theory
AAE 657	Architecture in Las Americas
AAE 660	Issues in Contemporary Urbanism
AAE 685	Non-Western Settlements
AAE 696	Special Topics in Architectural History and Theory
AAE 693	Independent Study
AAE 695	Special Topics in Architectural Design
AAI 650	Designed Environment and Human Behavior
AAI 655	Facilities Planning and Design
AAI 680	Furniture Design
AAL 655	Landscape Interpretation
AAL 656	Campus Planning and Design
AAL 665	GIS Planning Methods
AAL 667	History and Theory of Golf Course Development
AAL 668	Golf Course Design
AAP 630	Land Use Management
AAP 646	Urban Land Use: Planning and Controls
ABS 640	Structures For Architects II
ABS 641	Structures For Architects III
ABS 643	Interior Lighting Design
ABS 693	Independent Study
ABS 695	Special Topics in Building Science

In addition, each semester elective courses are offered by various faculty members. Please check with the School of Architecture for current listings of such offerings.

Art

Chair

Burden, Jeffrey K. (2007), Professor; B.F.A., University of Evansville; M.F.A., University of Indiana.

Graduate Coordinator

Hendee, Stephen, (2004) Assistant Professor, B.F.A. San Francisco Art Institute, M.F.A. Stanford University.

Graduate Faculty

Angel, Catherine (1991), Professor; B.F.A., University of Oklahoma; M.F.A., Indiana University.

Burns, Mark (1992), Professor; B.F.A., School of Dayton Art Institute; M.F.A., University of Washington.

Holder, Thomas J. (1971), Professor; B.A., San Diego State University; M.F.A., University of Washington.

Kelly, Cathie C. (1980), Associate Professor; A.B., Sweet Briar College; Ph.D., Pennsylvania State University.

McDonald, Aya Louisa (2000), Associate Professor; B.A., M.A., Ph.D., Stanford University.

Rafat, Pasha (1986), Professor, B.S. Arizona State University, M.A., M.F.A. California State University, Fullerton.

Seo, Sang-Duck (2006), Assistant Professor, BFA Taegu University, Korea, MFA Iowa State University.

Swenson, Kristen J. (2007), Assistant Professor; B.A., The Evergreen State College; Ph.D., State University of New York.

Tracy, Robert H. (1984), Associate Dean, College of Fine Arts; B.A., California State University, Hayward; M.A., Ph.D., University of California, Los Angeles.

Warner, Mary (1991), Associate Professor; B.A., M.A., California State University, Sacramento.

Wysocki, Robert (2001), Assistant Professor; B.F.A., University of California, Berkeley; M.F.A., Yale University.

Professors Emeriti

Abbey, Rita Deanin (1967-1987), Emeritus Professor; B.F.A., M.A., University of New Mexico.

Leaf, Bill S. (1973), Professor; B.F.A., San Francisco Art Institute; M.A., University of California, Davis.

McCollum, Michael L. (1969-1995), Emeritus Dean of Fine and Performing Arts; A.B., Humboldt State University; M.A., M.F.A., University of California, Berkeley.