



# College of Architecture and Design

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<http://www.arch.utk.edu>

*To See and Understand.  
To Envision and Create.*

The mission of the College of Architecture and Design is the education of future design professionals. A professional education is characterized by integrity and responsibility, and informed by knowledge and orientation.

Our college is brought together to promote and sustain the built and natural environments through the development of design skills and the pursuit of knowledge.

We are committed to the development of individuals with creative imagination, intellectual curiosity, and technical knowledge.

We educate students in the design disciplines who can form independent judgment grounded in the broader contexts of intellectual traditions.

The students and staff of the College of Architecture and Design strive to make the college a community of inquiry, energy, and excellence, integrating research, creative activity, public service, teaching, and learning.

## Professional Accreditation

The College of Architecture and Design offers three professionally accredited programs of study at the undergraduate and graduate level. The college also offers a new professional landscape architecture program at the graduate level and anticipates accreditation of this degree with the first graduating class.

### **Bachelor of Architecture**

A professionally accredited five-year undergraduate first professional degree program of study.

### **Bachelor of Science in Interior Design**

A professionally accredited four-year undergraduate program of study.

### **Master of Architecture**

A professionally accredited first professional degree for students from any academic background, including students with a degree from a four-year undergraduate architecture program. The college also offers a post-professional Master of Architecture (see *Graduate Catalog* for more information).

### **Master of Landscape Architecture**

The landscape architecture program offers three different graduate degrees and four paths in landscape architecture, including a professional degree path, the Master of Landscape

Architecture. Landscape architecture is an intercollegiate program jointly supported by the College of Architecture and Design and the College of Agricultural Sciences and Natural Resources (see *Graduate Catalog* for more information).

## Accreditation

### **Architecture**

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 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 University of Tennessee, Knoxville, offers both the five-year Bachelor of Architecture and a three-year Master of Architecture for students with an unrelated bachelor's degree.

The four year pre-professional degree, where offered, or other architectural technology degrees are not accredited by NAAB. The pre-professional degree is useful for those wishing a foundation in the field of architecture, as preparation for either continued education in a professional degree program or for employment options in architecturally related areas.

### **Interior Design**

Most states require that an individual intending to become a licensed interior designer hold a professionally accredited degree. The University of Tennessee, Knoxville, offers a four-year Bachelor of Science in Interior Design. It is professionally accredited by the Council for Interior Design Accreditation (CIDA), the sole agency authorized to accredit U.S. professional degree programs in interior design.

## Admission

Due to the limited size of the design studios and college resources, admission to the College of Architecture and Design is highly selective, based on test scores, high school record, student application, and portfolio. In making its decisions, the college also requires a portfolio from applicants (see information below).

### Required Portfolio

All applicants must submit a portfolio of personally produced graphic or visual work. The purpose of the portfolio is to demonstrate visual talent and abilities.

Aim for quality rather than quantity in selecting work. An ideal number would be eight to ten examples of personal work. All work shall be neatly assembled in an 8½ x 11 portfolio or organized folder/notebook. Submittals not adhering to this size requirement will not be reviewed. The portfolio must include at least three items.

- A freehand drawing of a stair.
- A freehand drawing of a collection of leaves.
- A freehand drawing of a bicycle.

The following guidelines have been established to assist applicants in selecting additional samples of personal work for the portfolio.

- Include other examples of drawings, artwork, photography, or anything else which may demonstrate visual abilities. Graphic, architectural or industrial design work may also be included.
- Include work for course assignments (if any), as well as work completed independently.
- Avoid extensive submissions of mechanically-drafted drawings or computer drawings, unless these are illustrative of a design project.
- Submission of the original item is not necessary. Inexpensively reproduced drawings, photographs, reductions, and photocopies are acceptable. Digital design work must be submitted as a hard copy. (No slides or disks.)
- Label all work with name, date when work was executed, and media.
- The cover or cover page of the portfolio should include the student name, address, phone number, and the program to which the application is made (Architecture or Interior Design).

The 8½ x 11 portfolio should be sent with the application to the Office of Admissions.

- If applying online, make a copy of application and submit it to the Office of Admissions with portfolio by November 1.
- If applying with a paper copy, send the application to the Office of Admissions with portfolio by November 1.

The portfolio will be reviewed by members of the College Admissions Committee. In addition, include a self-addressed stamped mailer for the return of the portfolio. Otherwise, portfolios will not be held nor returned.

### Advice to High School Students

High school students are encouraged to take physics, art, and calculus. Students enrolled in Advanced Placement courses should take the national AP exam. Extensive drafting, mechanical drawing or architecture courses based on drafting are not recommended.

### Transfer Students

It should be noted that due to the strong sequential character of the curriculum, entry in any semester other than fall may be difficult. A course of summer study is usually offered which would allow transfer students to proceed to the second year course of study for the fall. Transfer students are required to submit a portfolio and to have at least a 2.30 grade point average to be considered. The average grade point average has been 3.50 for students accepted in recent years. Transfer students should apply by November 1 and should discuss their options with the Director of Student Services.

## Academic Policies

### Advising

Students must plan their schedule in consultation with the college's Student Services Center. In addition, entering architecture and interior design students will be assigned to an upper-class student who will serve as a peer advisor. The Director of Student Services is available to answer additional questions and to oversee questions related to admissions, advising, and career placement.

All academic policies of the College of Architecture and Design are summarized on the college Web site.

### Course Load

The average course load in any semester is 17 credit hours. The minimum which may be taken by full-time students is 12 hours. The maximum which may be taken without approval of the dean is 19 hours.

### Satisfactory/No Credit Courses

Courses that are a part of the specific requirements of the college cannot be taken as Satisfactory/No Credit.

Credit hours over and above the specific graduation requirements may be taken Satisfactory/No Credit. A student who desires to take a course Satisfactory/No Credit should indicate this at the start of registration. Courses evaluated as Satisfactory will count as hours toward graduation but will not be calculated in the student's GPA.

## SCHOOL OF ARCHITECTURE

### Professors

Davis, M.K., MArch	Harvard
Kelso, R.M., PhD	Loughborough
Kinzy, S.A., PhD	State University of New York (Buffalo)
McRae, J.M. (Dean), MArch	Rice
Rabun, J.S., PhD	York
Robinson, M.A., MArch	Pennsylvania
Schimmenti, M. (Interim Director), MArch	Florida
Shell, W.S., MSArch	Columbia

### Associate Professors

Ambroziak, B., MArch	Princeton
Davis, T.K., MArch	Cornell
DeKay, M., MArch	Oregon
Dodds, G., PhD	Pennsylvania
Fox, D., MArch	Cranbrook Academy of Art
Goeritz, H., Dipl-Ing (FH)	HAWK Hildesheim
Klinkhammer, B., Dipl-Ing (Interim Associate Dean)	RWTH Aachen
Martella, W.E., BArch	California (Berkeley)
Moir-McClean, T., MArch	Michigan
Stach, E., Dipl-Ing	RWTH Aachen

### Assistant Professors

Ambroziak, K., MArch	Princeton
Kalas, G., PhD	Bryn Mawr
Shelton, T., MPhil	Cambridge
Stuth, T., MArch	Wisconsin

Architecture involves the study and transformation of the built environment, from the scale of furniture to the scale of the city. The goal of an architectural education is to develop a synthetic thought process of critical thinking and creative problem solving. Creative thinkers must address all aspects of the built environment, in its cultural, social, and ethical context.

As a professional discipline, architecture spans both the arts and the sciences. Students must have an understanding of the arts and humanities, as well as a technical understanding of structures and construction. Skills in communication, both visual and verbal, are essential. While knowledge and skills must be developed, the school strongly emphasizes a process of critical thinking and creative activity.

## Progression

Students must maintain an overall 2.30 grade point average by the end of 32 hours in order to maintain "full status" in the program. Delinquent students will be put on "temporary status" for one semester. These students will have one semester to raise

the overall GPA to 2.30. If the GPA is not brought up to a 2.30, the student will be dropped from the architecture program.

In order to graduate, students must receive a grade of C or better in all required professional courses from the School of Architecture.

Students may advance to second year design (271) with satisfactory completion of the first year program (including mathematics) with a grade point average of 2.30. Students may advance to third year design (371) with the completion of all first and second year courses.

For 271 and all subsequent design courses, students must maintain a design grade point average of 2.30. Students must repeat the previous level design courses(s) until the average is raised to 2.30.

Electives on the 300 and 400 level are open to all students who have the necessary prerequisites at any time.

Exceptions to academic policies may be made through petition, reviewed by the School's Academic Standards Committee.

**Special Programs in Architecture**

The School of Architecture is committed to providing a variety of meaningful learning opportunities beyond the classroom itself. Lectures, panel discussions, films, symposia, and exhibits are all important components of a lively academic environment. Within the regular course of study, students have an opportunity to explore diverse aspects of architecture related to urbanism, historic preservation, and community service. Since its founding, the school has always sponsored a foreign studies opportunity.

**Exhibits**

The Ewing Gallery in the Art and Architecture Building hosts numerous exhibits related to art and architecture. Adjacent to the Commons Space is an Exhibition Wall for more informal exhibits of students, faculty, and visiting artists and architects. In the Commons itself are more spontaneous exhibits of current student work.

**Field Trips**

Throughout the year, various field trips are organized by the school. The purpose of the field trips is to expose students to major cities with important architecture and to works of architecture that may not normally be open to the general public.

**Lectures, Films, and Videos**

The Robert B. Church III Memorial Lecture Series is an annual endowed gift in memory of a former dean of the school. Over the years, the Church Lecture Series has allowed the school to bring prominent architects to Tennessee. The regular lecture series features architects, artists, theorists, planners, and historians who discuss their work and ideas. Films and videos also introduce students to a wide range of issues related to architecture, art, urbanism, and culture. Every spring, General Shale Corporation hosts a lecture as part of The Annual All College Spring Thing (TAAST), a traditional series of events organized by students.

**Special Topic Design Studios**

For many years, the school has provided opportunities for students to participate in off-campus design studios located in urban areas of the state. These studios combine creative work with community service to make an exceptional learning experience for advanced students.

During the summer, students may elect to participate in different programs sponsored by the University of Tennessee College of Architecture and Design. Furthermore, students may also participate in summer programs sponsored by other accredited architecture schools. Students will receive appropriate college credit, which may lead to advance standing within the program.

**Opportunities for Foreign Study**

Students in their fourth year of study may elect to spend one semester studying abroad in a program organized either by the University of Tennessee, Knoxville, or by other accredited architecture programs. Since 1988, the school has had a very successful exchange agreement with the University of Krakow in Poland. In

addition, the college has recently established a new summer program in Helsinki, Finland.

In cooperation with Danish Institute for Study Abroad (DIS), a program is regularly offered in Copenhagen which attracts architecture students from around the world. Students also have the opportunity to participate in the following study abroad/exchange programs: International Advanced Architectural Design Program (IAAD) at the Bauhaus University Weimar, Germany; Dessau Summer School of Architecture in Dessau, Germany, and the Royal Melbourne Institute of Architecture in Melbourne, Australia.

During the summer, many different summer programs abroad sponsored by other architecture schools are available to UT Knoxville students for transfer credit. Students are encouraged to seek new educational experiences.

**The Profession's Participation in the School**

As the only accredited architecture program in the state, the School of Architecture tries to maintain a close relationship with the architectural community of the city, state, and region. Professionals regularly come to the school to attend and respond to student presentations, to conduct workshops, to participate in School events, and to interview graduating students. Every spring, the architecture community of Knoxville attends an exhibit of graduating students' work, where students have the opportunity to discuss their designs with practicing architects.

Architecture, is a broad field of study with many diverse ways for individuals to become involved in the profession. The profession itself is diversifying and changing rapidly due to changing financial structures, increasing specialization, expanding liability, and evolving electronic technology. Students are strongly urged to visit and work in different architectural offices in order to acquire a better sense of the profession and career commitment.

**BACHELOR OF ARCHITECTURE**

The curriculum for the Bachelor of Architecture degree includes a combination of required and elective courses offering the student both a solid professional program of study and a sound general education. While the majority of courses are designated as required, students may use the available architecture and general electives to broaden their education and to expand their knowledge in areas of personal interest.

All students studying for a Bachelor of Architecture degree will complete the following requirements in their course of study. For any additional specialized requirements, the student should refer to the *Student Handbook* of the School of Architecture and the student's faculty advisor.

**Requirements for the Bachelor of Architecture**

<b>First Year</b>	<b>Hours Credit</b>
Architecture 101 or 107, 102 .....	.5
Architecture 121, 122 .....	.4
<sup>1</sup> Architecture 171, 172 .....	.7
Architecture 211* or 217* .....	.3
English 101*, 102* .....	.6
<sup>2</sup> Mathematics 125* .....	.3
<sup>3</sup> Electives .....	.6
<b>Second Year</b>	
Architecture 212*, 213* .....	.6
Architecture 231 .....	.3
Architecture 232 .....	.3
<sup>1</sup> Architecture 271, 272 .....	.12
Physics 161* .....	.3
<sup>3</sup> Electives .....	.9
<b>Third Year</b>	
Architecture 312 .....	.3
Architecture 331*, 332 .....	.8
Architecture 341, 342 .....	.8
<sup>1</sup> Architecture 371, 372 .....	.12
<sup>3</sup> Electives .....	.3

**Fourth Year**

Architecture 431	3
1Architecture 471, 472	12
3Electives	18

**Fifth Year**

Architecture 462	4
Architecture 480	3
Architecture 481	3
4Design Course Option	6
3Electives	15

**Total 168**

\* Meets University General Education Requirement.

- 1 Students are not allowed to enroll simultaneously in two of these design courses.
- 2 Students are exempt from Mathematics 125 with a score of 25 or higher on the calculus readiness test. Students exempt from Mathematics 125 must take a higher-level Quantitative Reasoning elective to meet the University General Education Requirement.
- 3 Elective distribution – Two courses from the Social Sciences (SS) list. Two courses from the Cultures and Civilizations (CC) list (which includes intermediate-level foreign languages). Twelve hours of architecture electives. Sixteen hours of non-architecture electives, which must include one course from the Natural Sciences (NS) list with a laboratory and one course from the Communicating Orally (OC) list. Eleven hours of free electives.
- 4 One course from the following Design Studio Options – Architecture 482, 483, 485, 486, or 489. Architecture 472 may be taken at any time in the last three semesters.

## INTERIOR DESIGN PROGRAM

**Professors**

DeLong, A., PhD	Penn State
Rabun, J., PhD	Tennessee

Interior design involves the study and transformation of the environment at the human scale. Interior designers understand how the design of furnishings, function, and space can improve the quality of life. As licensed professionals, interior designers analyze complex design challenges involving interior construction and technical considerations related to issues such as lighting, acoustics and mechanical systems. Their designs must meet code issues involving fire, electricity, structure, occupancy and materials. Interior design is broader than interior decorating, which focuses primarily on furniture and finishes.

In designing the micro-environment for specific functions or programs, interior designers are knowledgeable about how users experience space. Interior designers understand how each detail of a design affects the overall concept.

The goal of an education in interior design is to develop a synthetic thought process of critical thinking and creative problem solving, while building technical knowledge and an understanding of the human environment. Creative thinkers, in architecture and interior design, must address all aspects of the built environment in its cultural, social, and ethical context.

The interior design program is professionally accredited by the Council for Interior Design Accreditation (CIDA). All graduates, with sufficient internship experience after graduation, are eligible to take the National Council for Interior Design Qualification (NCIDQ) exam.

### Progression and Retention

Upon admission to the University of Tennessee, Knoxville, and the college, students may begin the interior design major. Progression into third year occurs after completion of Interior Design 272.

For progression into third year, students must meet the following criteria.

- Cumulative grade point average of 2.30 or greater.
- Cumulative grade point average in the major of 3.00 or greater in the following interior design courses – 141, 171, 172, 200, 221, 261, 271, 272, with no grade below a C.

- Optional Portfolio Review.
- Successful interview following completion of Interior Design 272.

For retention, student must meet the following criteria.

- Before enrolling in any interior design course, a grade of C or better must be made in each prerequisite required interior design course.
- Cumulative grade point average of 2.30 or greater.
- Grade of I must be removed before registration for next interior design course.

For graduation from the interior design program, students must meet the following criteria.

- Grade of C or better in all interior design courses.

## Special Programs in Interior Design

### Required Summer Internship

All interior design students are required to have a professionally based summer internship. The faculty will help students find appropriate placement, as well as monitor the student's progress in the internship.

### Professional Community's Involvement

As the oldest accredited interior design program in the state, the interior design program tries to maintain a close relationship with the interior design community of the city, state, and region. Professionals regularly come to the school to attend and respond to student presentations, to conduct workshops, to participate in school events, and to interview graduating students.

### Field Trips

All interior design students regularly participate in a variety of field trips to important works of design as well as to interior design conventions and product shows.

### Opportunities for Foreign Study

Students in their fourth year of study may elect to spend one semester studying abroad in a program organized either by the University of Tennessee or by other accredited interior design or architecture programs. In cooperation with the Department of Architecture at Krakow Polytechnic University and the Interior Design Program at the University of Tennessee, a study abroad program will be available in the fall and spring, along with a two-week charette in the summer. The Danish International Studies (DIS) is regularly offered and attracts interior design and architecture students from around the world.

## BACHELOR OF SCIENCE IN INTERIOR DESIGN

The interior design curriculum is a rigorous course of study which combines technical courses, design studio courses, humanities, and a wide choice of electives. Through coursework and field study experiences, students develop specialized problem solving skills and knowledge for the analysis, planning and design of interior architectural environments. They apply the use of lighting, color, mechanical systems, and furnishings as they design spaces for both residential and commercial settings.

Beyond the professional core, students are encouraged to pursue interests related to horticulture, theater design, historic preservation, business, or other personal interests.

### Requirements for the Bachelor of Science in Interior Design

First Year	Hours	Credit
Architecture 121, 122, 171	7	
English 101*, 102*	6	
Interior Design 141, 171, 172 or 177	8	
Mathematics 123*	3	
1Natural Science*	4	
2Social Sciences*	3	

<b>Second Year</b>	
Architecture 231 .....	.3
Art History 172*, 173* .....	.6
Interior Design 200, 221, 261, 271, 272 .....	.19
Physics 161* .....	.3
<b>Third Year</b>	
<sup>3</sup> Communicating Orally* .....	.3
<sup>4</sup> Cultures and Civilizations* .....	.3
Interior Design 311, 312, 331, 360, 371, 372, 460* .....	.26
Materials Science Engineering 220 .....	.3
<b>Summer</b>	
Interior Design 420 .....	.3
<b>Fourth Year</b>	
<sup>5</sup> Communicating through Writing* .....	.3
<sup>4</sup> Cultures and Civilizations* .....	.3
Professional Elective .....	.3
Interior Design 471, 472 or 477, 480 .....	.15
<sup>2</sup> Social Sciences* .....	.3
<b>Total 127</b>	

\* Meets University General Education Requirement.

- 1 See Natural Sciences list – University General Education Requirement. Select one course with a lab.
- 2 See Social Sciences list – University General Education Requirement. Select two courses from the list.
- 3 See Communicating Orally list – University General Education Requirement. Select one course from the list.
- 4 See Cultures and Civilizations list – University General Education Requirement. Select two non-U.S. History courses on the list or two courses in a foreign language at the intermediate level.
- 5 See Communicating through Writing list – University General Education Requirement. Select one course from the list.

