College of Architecture and Design

Marleen Kay Davis, Dean
Max A. Robinson, Director, School of Architecture
Jon Coddington, Head of Graduate Program in Architecture
Josette Rabun, Coordinator of Interior Design

The College of Architecture and Design is concerned with the design of the physical environment, from the scale of furniture to the scale of the region. The study of the physical environment includes many inter-disciplinary connections which the college tries to promote. Within the University of Tennessee, all students in the College of Architecture and Design are part of a smaller academic community that prides itself on a faculty dedicated to teaching.

The College of Architecture and Design includes three basic programs of study, at the undergraduate and graduate level:

- Bachelor of Science in Interior Design: A professionally accredited five year undergraduate first professional degree program of study.
- Bachelor of Architecture: A professionally accredited five year undergraduate first professional degree program of study.
- Master of Architecture: A professionally accredited first professional degree for students from any academic background. This three year course of study is described in the Graduate Catalog.

FACILITIES

The award winning Art and Architecture Building. completed in 1981, provides one of the finest facilities in the country for architecture students. The building is home to art, architecture, and interior design students who occupy extensive studio space surrounding an open Commons space, filled with natural light. A cafe, supply store, and three auditoriums open onto the Commons as well. Changing art and architecture exhibits are installed in the Ewing Gallery, the Exhibition Wall, the Commons, and the Sculpture Garden. Students in the College have an extensive woodshop and modelmaking shop, darkrooms, experimental construction platform, and presentation spaces. Students also use a digital classroom, a 24/7 computer lab, and an Image Center with extensive printing capabilities. Throughout the design studios, over 100 computer ports are provided for students' laptop computers. The building itself is a model of how architectural space can promote a sense of community among the artists, architects, and interior designers within the larger University community.

Interior Design students work together in design studios, located in the Art and Architecture Building. In their studies, students take advantage of the program's computing facilities, the Resource Library with extensive material samples and product information, and the well equipped wood shop for furniture construction and model building.

FRESHMAN ADMISSION REQUIREMENTS

Due to the limited size of the design studios and College resources, admission to the College of Architecture and Design is selective, based on test scores, high school record, student application, and portfolio. The College will typically accept applicants with a total of 60 or above using the formula of the high school composite score (or the ACT equivalent of the SAT). The College normally refuses applications with less than a high school GPA of 2.7 or with ACT scores below 23 (or SAT equivalent). In making its decisions, the College also requires a portfolio from applicants (see information below). Applicants will be informed of their status by April 15 of each year.

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 8 1/2” x 11” portfolio or organized folder/notebook.
- Submittals not adhering to this size requirement will not be reviewed. As a general recommendation, use high quality (100% rag) paper and high quality drawing pencils (HB or F) or other media. The portfolio must include at least three items:
  - a freehand drawing of a stair,
  - a freehand drawing of a collection of leaves, and
  - 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. These must be submitted in an 8 1/2” x 11” format.
  - 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. (Please, no slides or disks.)
  - Label all work with name, date when work was executed, and any other relevant information. If the item was a course assignment, identify the course and summarize the assignment.
  - 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 8 1/2” x 11” portfolio should be sent, with the application, to the Office of Admissions. It 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.
DEADLINES FOR APPLICATION

Deadlines for application to the College of Architecture and Design coincide with those set forth by the University of Tennessee. For full consideration, all students, including transfer students, must apply by January 15 for the fall semester. Late applications will be reviewed on a space-available basis.

ADVICE TO HIGH SCHOOL STUDENTS

High school students are encouraged to take physics and calculus. Students enrolled in Advanced Placement courses should take the national AP exam. Students are also strongly encouraged to take freehand drawing and/or art courses as a way to develop visual abilities. 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 2.3 grade point average to be considered. Sophomores and juniors who are interested in applying to the architecture program may want to consider finalizing their bachelors courses of study and applying to the first professional Master of Architecture program in the College. Transfer students should apply by January 15, and should discuss their options with the Director of Student Services.

FINANCIAL CONSIDERATIONS

As the only accredited architecture program in the State of Tennessee, the Architecture program is fortunate to have many generous scholarships funded by alumni and by different components of the construction industry. As a result, numerous awards, prizes, scholarships, traveling stipends, fellowships and internships are available to academically motivated students. Alumni actively give support by participating in activities, by extensive donations to scholarship and enrichment funds, and by developing intern programs for student employment. A full listing of available scholarships is included in this catalog.

The Interior Design Program has a number of generous scholarships funded by alumni and by different components of the construction industry. The University and the College provide many work study opportunities for students to earn supplemental income on campus. Self-disciplined students who are taking a full academic load should plan a work schedule not to exceed twelve hours per week.

In addition to course textbooks, students are expected to purchase supplies and equipment for various design projects. In the second year of both the Architecture and Interior Design programs, students are very strongly recommended to purchase a lap top computer for coursework. Families should factor this into their educational budget.

FOR NON-PROFESSIONAL MAJORS

In order to promote interdisciplinary involvement, students from other disciplines are welcome to take many classes in the College. Arch 111, “Architecture and the Built Environment,” is recommended as a good general introduction. Non-architecture students are also welcome in the architectural history sequence of Arch 211, 212, and 213. Most of the 400 level electives do not have prerequisite levels and are open to upper level students with an interest in the course topic. Arch 425 “Special Topics” varies by semester, but is often of interest to a broad cross section of the University student population. Non-architecture majors should meet with the Director of Student Services in order to register for these upper-level courses. Due to space limitations, design studio courses are open only to architecture students.

ACADEMIC POLICIES

ADVISING

Students must plan their schedule in consultation with an assigned faculty advisor. In addition, entering Architecture 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 in the Student Handbook, published each year by the College.

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 S/NC. A student who desires to take a course S/NC 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:

Associate Professors:

Assistant Professors:
M. DeKay, M.Arch. University of Oregon; G. Dodds, Ph.D. University of Pennsylvania; B. Klinkhammer, M. Arch. RWTH; E. Stach, M. Arch. RWTH (Aachen); A. Thetch, M.S. Arch. Columbia; S.M. Ware, M.F.A. Tennessee.

THE STUDY OF ARCHITECTURE

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, 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.

PROFESSIONAL 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 two types of degrees: the Bachelor of Architecture and the Master of Architecture. A program may be granted a five-year, three-year, or two-year term of accreditation, depending on its degree of conformance with established educational standards.

Masters degree programs may consist of a pre-professional undergraduate degree and a professional graduate degree, which, when earned sequentially, comprise an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree. The University of Tennessee 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.
### CURRICULUM

The curriculum for the Bachelor of Architecture degree includes a combination of required and elective courses which offers 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 include 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.

<table>
<thead>
<tr>
<th>Hours Credit</th>
<th>First Year</th>
<th>Second Year</th>
<th>Third Year</th>
<th>Fourth Year</th>
<th>Fifth Year</th>
<th>Total: 171 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Architecture 101, 102</strong></td>
<td>5</td>
<td><strong>Architecture 211</strong></td>
<td>3</td>
<td><strong>Architecture 312</strong></td>
<td>3</td>
<td><strong>Architecture 431</strong></td>
</tr>
<tr>
<td><strong>Architecture 121, 122</strong></td>
<td>4</td>
<td><strong>Architecture 271, 272</strong></td>
<td>12</td>
<td><strong>Architecture 331, 332</strong></td>
<td>8</td>
<td><strong>Architecture 471, 472</strong></td>
</tr>
<tr>
<td><strong>Architecture 171, 172</strong></td>
<td>7</td>
<td><strong>Physics 101, 135, 137, or 161</strong></td>
<td>3</td>
<td><strong>Architecture 341, 342</strong></td>
<td>8</td>
<td><strong>Electives</strong></td>
</tr>
<tr>
<td><strong>Architecture 211</strong></td>
<td>3</td>
<td><strong>Electives</strong></td>
<td>6</td>
<td><strong>Architecture 371, 372</strong></td>
<td>12</td>
<td><strong>Architecture 462</strong></td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>3</td>
<td><strong>Electives</strong></td>
<td>6</td>
<td><strong>Electives</strong></td>
<td>3</td>
<td><strong>Architecture 480</strong></td>
</tr>
<tr>
<td><strong>Mathematics 125 or Elective</strong></td>
<td>3</td>
<td><strong>Design Course Option</strong></td>
<td>12</td>
<td><strong>Electives</strong></td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

1 Students are exempt from Mathematics 125 with a grade point average of 2.3. Students may advance to second year design (271) with satisfactory completion of the first year program (including math) with a grade point average of 2.3. Students may advance to third year design (371) with the completion of all first and second year courses. For 371 and all subsequent design courses, students must maintain a design grade point average of 2.3. Students must repeat the previous level design course(s) until the average is raised to 2.3. Students may submit a portfolio of design work and petition for an exception.

300 and 400 level electives are open to all students who have the necessary prerequisites.

### SPECIAL PROGRAMS

The Architecture program at UT is a unique program that combines the study of architectural design with the skills and knowledge of the arts, humanities, and sciences in a way that allows students to develop critical thinking and problem-solving skills. The program is designed to prepare students for a career in architecture and to provide a solid foundation for further study.

#### LECTURES, FILMS, AND VIDEOS

The Robert B. Church Memorial Lecture Series is an annual endowed gift in memory of a former dean of the School of Architecture at UT. The series features experts in architecture and related fields, including architects, artists, historians, planners, and critics. These events are open to all students and the general public.

#### 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 Hall for more informal exhibits of students, faculty, and visiting artists and architects. The Commons itself is 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.

#### 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 architecture programs. Students may also participate in different programs sponsored by other accredited architecture schools.

### PUBLICATIONS

Students in the School periodically publish *The University of Tennessee Journal of Architecture*. The Journal has a different theme each year, but typically includes articles related to current thinking in the field, as well as student work.

### SPECIAL TOPIC DESIGN STUDIOS

Since 1981, architecture students at the Urban Design Center in Chattanooga have had the opportunity to contribute to the evolving urban identity of Chattanooga by working with city leaders on various strategic sites for future development in the city. The visionary work of the Urban Design Center is recognized nationally as a wonderful example of how teaching, creative work and community service can be combined as a meaningful learning experience for advanced students.

Interdisciplinary design studios are available to upper class students. A very popular studio of Historic Preservation studies interior Design students with Architecture and Art students who collaborate together on projects of historical significance for different communities.

In 1997, The University of Tennessee College of Architecture and Design and the University of Arkansas College of Architecture have formed the Memphis Center for Architecture. This is a spring semester course of study for advanced design students in Architecture, Landscape Architecture, and Interior Design. One important goal of this Memphis Center for Architecture is to provide a bridge to the very strong professional community in Memphis, with opportunities for lectures, exhibits, reviews, continuing education, and summer internship arrangements.

### CURRICULUM

Students in their fourth year of study 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.

### PUBLICATIONS

Students in the School periodically publish *The University of Tennessee Journal of Architecture*. The Journal has a different theme each year, but typically includes articles related to current thinking in the field, as well as student work.
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 work 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.

INTERIOR DESIGN

Professors:

In 1996, the Interior Design Program moved from the College of Human Ecology to the College of Architecture and Design. The University of Tennessee has a unique opportunity to offer a complementary course of study for both architecture and interior design students. After a unified first year of study, both architecture and interior design students pursue separate professional programs. However, students in both interior design and architecture can pursue electives of mutual interest, as well as participate in an upper level joint studio. In some cases, graduates from the Interior Design program may receive advanced standing in the Master of Architecture program.

THE STUDY OF INTERIOR DESIGN

Students interested in Interior Design are encouraged to learn about the fundamental differences between licensed Interior Designers and interior decorators. Interior Designers are qualified to deal with complex design challenges involving extensive interior construction and technical considerations related to design issues. Interior Designers are qualified to deal with design code issues involving fire, electricity, structure, occupancy and materials. Interior Designers are educated to understand how the design of furnishings and interior space can affect a general sense of well-being. On the other hand, interior decorators are primarily concerned with finishes and furniture within pre-existing interior spaces. Interior decorators typically work as consultants in the retail environment. Interior Designers may have their own design practice, may work as a part of a design team within an architecture practice, or may work as a design consultant for product manufacturers.

PROFESSIONAL ACCREDITATION

Most states require that an individual intending to become a licensed Interior Designer hold a professionally accredited degree. The University of Tennessee offers a four year Bachelor of Science in Interior Design. This is a professionally (FIDER) accredited interior design degree.

CURRICULUM

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 course work 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.

<table>
<thead>
<tr>
<th>First Year</th>
<th>Hours Credit</th>
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<tbody>
<tr>
<td>Architecture 101, 121, 122</td>
<td>7</td>
</tr>
<tr>
<td>Architecture 171, 172</td>
<td>7</td>
</tr>
<tr>
<td>Interior Design 141, 171</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics 119</td>
<td>3</td>
</tr>
<tr>
<td>English 101, 102</td>
<td>6</td>
</tr>
<tr>
<td>*Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Second Year</strong></td>
<td></td>
</tr>
<tr>
<td>Interior Design 271, 272, 231, 261, 200</td>
<td>20</td>
</tr>
<tr>
<td>Interior Design 221</td>
<td>2</td>
</tr>
<tr>
<td>Art 172, 173</td>
<td>6</td>
</tr>
<tr>
<td>Physical Science</td>
<td>16</td>
</tr>
<tr>
<td>*Natural Science</td>
<td>6-7</td>
</tr>
<tr>
<td><strong>Third Year</strong></td>
<td></td>
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<tr>
<td>Interior Design 371, 372, 311, 312, 431, 360</td>
<td>30</td>
</tr>
<tr>
<td>*TS 220</td>
<td>3</td>
</tr>
<tr>
<td>*Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>Summer (ID 420)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Fourth Year</strong></td>
<td></td>
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<tr>
<td>Interior Design 400, 471, 472, 480</td>
<td>16</td>
</tr>
<tr>
<td>*Elective (Art)</td>
<td>3</td>
</tr>
<tr>
<td>*History Elective</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>5</td>
</tr>
<tr>
<td>*Electives (Business, Ornamental Horticulture, Theatre, and Urban Studies)</td>
<td>3</td>
</tr>
<tr>
<td>*Elective (Professional Elective)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 135-136 hours

1. Select 3 hours from Psychology, Sociology, Anthropology, or Economics 201 (if you plan to take Business as an elective). Suggested courses: Anthropology 110, 130; Sociology 110, 120; Psychology 110, 210, 370; Economics 201.
2. Select Physics 161 (required) and one other science, such as Astronomy 151, Botany 110, Biology 101, Chemistry 120, Geology 101.
3. Select any Art, Art Ceramics, Art Design/Graphic, Art Drawing, Art Media/Photography, Art Painting, Art Printmaking, or Art Sculpture.
4. Select any History course.
6. Select from Interior Design or approved Architecture courses.

PROGRESSION

Upon admission to the University of Tennessee and the College, students may begin the ID major. Progression into third year occurs after completion of ID 272.

For progression into third year, students must meet the following criteria:
1. Cumulative grade point average of 2.3 or greater.
2. Cumulative grade point average in the major of 3.0 or greater in the following ID courses: 141, 171, 200, 221, 271, 272, 231, 261, with no grade below a C.
3. Portfolio Review accepted by faculty.
4. Successful interview following completion of ID 272.

For retention, student must meet the following criteria:
1. Before enrolling in any ID course, a grade of C or better must be made in each prerequisite required ID course.
2. Cumulative grade point average of 2.3 or greater.
3. Grade of I must be removed before registration for next ID course.

For graduation from the Interior Design program, students must meet the following criteria:
1. Grade of C or better in all ID courses.

SPECIAL PROGRAMS

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.