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 are essential. While knowledge and skills must be developed, the School strongly emphasizes a process of critical thinking and creative activity.

General Information

Most states require that an individual intending to become an architect hold an accredited degree. There are two types of degrees that are accredited by the National Architectural Accrediting Board: (1) the Bachelor of Architecture, which requires a minimum of five years of study, and (2) the Master of Architecture, which requires a minimum of three years of study following an unrelated bachelor's degree or two years following a related pre-professional bachelor's degree (4+2 program). Only those professional degrees are structured to educate those who aspire to registration and licensure as architects.

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 University of Tennessee School of Architecture is the only professionally accredited architecture program in the state.

The four year pre-professional degree, where offered, is not accredited by NAAB. The pre-professional degree is useful for those wishing to continue their education in the field of architecture, as preparation for either continued education in a professional degree program or for employment opportunities in architecturally related areas. Students are advised to check the University's general requirements as stated in the front section of this catalog as well as the requirements described in the School of Architecture Student Handbook.

Students must plan their schedule in consultation with an assigned advisor.

Facilities

The award winning Art + Architecture Building, completed in 1981, provides one of the finest facilities in the country for architecture students. The building is home to both art and architecture students who occupy extensive studio space surrounding an open Commons space, filled with natural light. A cafe and three auditoriums open onto the Commons as well. Changing art and architecture exhibits are hosted in the Ewing Gallery, the Exhibition Space, the Commons, and the Sculpture Garden. The architecture students have an extensive workshop and modelmaking shop, darkrooms, experimental building platform, electronic studio, and presentation spaces. The building itself is a model of how architectural space can promote a sense of community among the artists and architects within the larger University community.

Financial Assistance

As the only accredited architecture program in the State of Tennessee, the School of Architecture is fortunate to have many generous supporters from 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 support the School by participating in School activities, by extensive donations to scholarship and enrichment funds, and by developing intern programs for student employment. A full listing of these is included in this catalog.

The University and the School 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 15 hours per week.

Freshman Admission Requirements

Students interested in architecture are encouraged to learn about the profession of architecture, to learn about the differential educational degree programs (see above) and to visit the School of Architecture.

High school students are encouraged to take physics and calculus. Students enrolled in Advanced Placement courses are strongly encouraged to take the national AP exam. Furthermore, students are strongly encouraged

School of Architecture and Planning

Marleen K. Davis, Dean
W.J. Lauer, Associate Dean

Professors:

Associate Professors:

Assistant Professors:
D. Allery, M. Arch. Texas (Austin); D. Fox, M. Arch. Cranbrook Academy of Art; T. Mei-McClain, M. Arch. Michigan; S.M. Ware, M.A. Northeastern.

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to take drawing and/or art classes as a way to develop visual ability. Extensive "rotting," "mechanical drawing" or "architecture" courses based on drafting are not recommended, just as one would not recommend extensive typing courses to someone who plans to be a writer.

Admission to the School is selective, based on the following criteria: (1) Accept applicants with a total of 35 or above using the formula of the high school grade point average times four plus the Enhanced ACT composite score. A minimum Enhanced ACT score of 23 (SAT 1050: 900) if taken prior to April, 1995) is required. (2) The minimum high school GPA is 2.7; (3) Applicants must present all applicants with an Enhanced ACT composite score. A minimum composite score of 20 (SAT 800: 800) if taken prior to April, 1995) or below; (3) Refuse applicants not falling into items 1, 2 to the Committee on Admissions. This Committee will meet in March to review applicants—following receipt of high school records, test scores and other requested material necessary to complete the admission process. Applicants will be informed of their status by April 15th of each year.

DEADLINES FOR APPLICATIONS

Deadlines for application to the School of Architecture coincide with those set forth by The University of Tennessee. For full consideration, students must apply by February 15, for the fall semester. Late applications will be reviewed on a space available basis only until August 1. It should be noted that due to the strong sequential character of the curriculum and the nature of the work, entry in any semester other than fall may be difficult. This should be discussed with the Director of Student Services.

TRANSFER STUDENTS

Transfer students as well as intercollegiate transfers are considered at the School. Applicants must have at least a 2.3 grade point average to be considered. Transfer students are encouraged to apply by February 15.

CURRICULUM FOR ARCHITECTURE

The curriculum for the Bachelor of Architecture Degree includes a combination of required and elective courses which offer the student both a solid professional program of study and a sound general education. While the majority of the courses are designated as required, students may use the available architecture electives to expand their knowledge in areas of special interest. Academic non-architecture electives allow students to broaden their education in areas of general interest: the humanities, natural sciences, social sciences, arts and multicultural studies. All electives are to be taken only with the approval of the student's advisor.

All students studying for a Bachelor of Architecture degree must meet the same course-taking requirements in their course of study. Students are not allowed to exceed the course limits and thus the two design courses. For any additional specialized requirements, the student should refer to the Student Handbook of the School of Architecture and the student's advisor.

FIVE YEAR PROGRAM

<table>
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<tr>
<th>Hours</th>
<th>Credit</th>
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<tbody>
<tr>
<td>First Year</td>
<td></td>
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<tr>
<td>Architecture 101, 102</td>
<td>5</td>
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<tr>
<td>Architecture 121, 122</td>
<td>4</td>
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<tr>
<td>Architecture 172, 173</td>
<td>7</td>
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<tr>
<td>English 101, 102</td>
<td>6</td>
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<tr>
<td>History 242 or 260-262</td>
<td>6</td>
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<tr>
<td>Mathematics 115 or elective</td>
<td>3</td>
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<tr>
<td>*Elective</td>
<td></td>
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<td>Second Year</td>
<td></td>
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<tr>
<td>Architecture 211, 212</td>
<td>6</td>
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<td>Architecture 232</td>
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<td>Architecture 371, 375</td>
<td>6</td>
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<td>Architecture 291</td>
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<tr>
<td>Physics 121 or 122 or Natural Science elective</td>
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<td>*Electives</td>
<td>9</td>
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<td>Third Year</td>
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<td>Architecture 213</td>
<td>3</td>
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<td>Architecture 912</td>
<td>3</td>
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<td>Architecture 331, 332</td>
<td>6</td>
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<tr>
<td>Architecture 344</td>
<td>3</td>
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<td>Architecture 911, 372</td>
<td>12</td>
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<tr>
<td>Fourth Year</td>
<td></td>
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<tr>
<td>Architecture 431</td>
<td>3</td>
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<tr>
<td>Architecture 147, 478</td>
<td>10</td>
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<tr>
<td>*Elective</td>
<td>6</td>
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<tr>
<td>Fifth Year</td>
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<tr>
<td>Architecture 460</td>
<td>3</td>
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<td>Architecture 480</td>
<td>3</td>
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<tr>
<td>*Design Course Elective</td>
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<tr>
<td>Architecture 483</td>
<td>3</td>
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<tr>
<td>*Electives</td>
<td>12</td>
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Total: 171 hours

*Students are not allowed to enroll simultaneously in two of these design courses.
*Electives consist of 6 hours in Social Sciences, 12 hours in Architecture, 15 hours outside of School of Architecture, 15 hours open/free electives. These may be taken in any order of preference.
*Elective courses may include the following: Architecture 481, 485, 486, 485, 486, or 483.

FOR THE NON-ARCHITECTURE MAJOR

In order to promote interdisciplinary interaction, students from other disciplines are well-advised to take many classes in the School including architectural histories, Arc 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 Arc 211, 212, and 213. Most of the 400 level electives do not have prerequisites and are open to upper level students with an interest in the course topic. Arc 425 and Arc 426 "Special Topics" courses vary by semester, but are often open to a broad cross section of the University student population. Non-architecture majors should meet with the Director of Student Affairs in order to register for these upper-level courses. Design studio courses are open only to architecture students.

LECTURES AND EXHIBITS

The School of Architecture is committed to providing a variety of meaningful learning opportunities outside of the classroom itself. Lectures, panel discussions, films, symposia, and exhibits are all important components of a well-balanced educational environment. The Ewing Gallery, in the Art + 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, visiting artists and architects. In the Commons itself are more sporadically exhibits of current student work.

The Robert B. Church Memorial Lecture is a visual encounter in a museum-like setting of the former dean of the School. For over twenty years, the Church lecture series has allowed the School to bring some of the most international prominent architects to Tennesse. The regular lecture series features diverse architects, artists, theorists, 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 their Spring Thing (TAAST), a traditional series of events organized by the students.

PUBLICATIONS

Students in the School each year 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 PROGRAMS

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 1981 at the University Design Center in Chattanooga, architecture students have had the opportunity to contribute to the evolving urban identity of Chattanooga by working with city and private developers on projects ranging from historic preservation to new buildings. The visionary work of the Urban Design Center is recognized nationally as a wonderful example of how teaching, creative work and community service can combine to create a context for the training of new architects. More recently, the Kingsport Regional Interdisciplinary Design Studio and the Knoxville Urban Design Studio have been established.

Interdisciplinary design studios are available to upper class students. For many years, the School has had an interdisciplinary design studio where architecture and interior design students work together on projects ranging from historic preservation to new buildings. Another regularly offered interdisciplinary design studio pairs architecture students with business students, investigating the economic ramifications of design decisions.

During the summer, students may elect to participate in different programs sponsored by the University of Tennessee College of Architecture and Planning. 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.

The School of Architecture encourages students from all different field trips are organized by the School. The field trips take students to different locations, from historic architecture to works of architecture that may not be normally open to the public.
OPPORTUNITIES FOR FOREIGN STUDY

Students in their fourth year of study may elect to spend one semester studying abroad or off campus program, organized either by the University of Tennessee or by other accredited architecture programs. Since 1988, the School has maintained a successful exchange agreement with the University of Krakow in Poland. Studies abroad, arranged to include a full semester's credit for advanced students, include design, history and theory of architecture, and directed independent study.

In cooperation with the Danish International Student Committee, a program is regularly offered in Copenhagen which attracts architecture students from around the world. The University of Tennessee also has an exchange agreement with the Royal Melbourne Institute of Architecture in Melbourne, Australia; with Chongqing Institute of Architecture and Engineering in Sichuan Province, China; and with the University of Frankfurt in Germany. During the summer, many different summer programs abroad sponsored by other architecture schools are available to University of Tennessee students for 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 fifth year work, where students have the opportunity to discuss their Comprehensive Design Project with different architectural offices, in order to acquire a better sense of the profession and career commitment.

SECOND YEAR PREREQUISITES

(1) Satisfactory completion of first-year architecture program with grade point average at least 2.3; exceptions may be made only by petition. (2) Application for progression must be submitted no later than June 15 preceding the start of the second year. Students must maintain an overall 2.3 grade point average by the end of 32 hours (attempted) in order to maintain "full status" in the program. Delinquent students must be put on "temporary status" for one semester. These students will have one semester to raise the overall GPA to 2.3 or have minimum 2.3 in each semester's work until overall average is raised to 2.3. If the GPA is not brought up to 2.3, the student will be dropped from the architecture program.

THIRD YEAR PREREQUISITES

Students are required to have all first and second-year courses satisfactorily completed before entering the third-year design courses, Architecture 371-372. Students' progress and design work in second-year will be reviewed by a committee of the faculty to determine their readiness for advancement to third-year. Students who register for a third-year design course holding first or second-year deficiencies may be required to drop the course at any point during the semester.

FOURTH YEAR PREREQUISITES

Architecture students must have attained third-year standing in the School before being admitted to any 400-level course. Students must complete all requirements of the curriculum through the third year before entering Architecture 471.

COURSE LOAD

The average course load in any semester is 17 credit hours. The minimum work 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 School of Architecture cannot be taken as Satisfactory/No Credit. A student who desires to take a course S/N/C should indicate this at the time of registration. Courses evaluated as "Satisfactory" will count as hours toward graduation but will not be calculated in the student's GPA.

GRADUATE SCHOOL OF PLANNING

James A. Spencer, Director
Theodore J. Newsom, Ph.D. Penn State, Assistant Director

Professors:

Associate Professors:

The Graduate School of Planning offers a program of studies leading to the professional degree of Master of Science in Planning. For complete information, refer to the Graduate Catalog.

The School of Planning also directs the Urban Studies program in the College of Arts and Sciences.