School of Architecture

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GENERAL REQUIREMENTS FOR STUDENTS MATRICULATING IN ACADEMIC YEAR: 2017-2018

DEGREE: BACHELOR OF SCIENCE

MAJOR: ARCHITECTURE

MINIMUM CUMULATIVE GRADE POINT AVERAGE: 2.0

MINIMUM MAJOR GRADE POINT AVERAGE: 2.0

<table>
<thead>
<tr>
<th>CORE CURRICULUM REQUIREMENTS</th>
<th>MAJOR REQUIREMENTS</th>
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<tbody>
<tr>
<td>Area</td>
<td>Credits</td>
</tr>
<tr>
<td>First Year Writing</td>
<td>4</td>
</tr>
<tr>
<td>TIDES – 1 course in fall semester</td>
<td>1-1.5</td>
</tr>
<tr>
<td>Foreign Language – Competence at 1020-Level (1-2 courses depending on placement and language)</td>
<td>3-8</td>
</tr>
<tr>
<td>Cultural Knowledge – 1 Humanities</td>
<td>6</td>
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<tr>
<td>Cultural Knowledge – 1 Fine Arts</td>
<td>6</td>
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<tr>
<td>Cultural Knowledge – Social Science</td>
<td>6</td>
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<tr>
<td>Quantitative Reasoning</td>
<td>3-4</td>
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<tr>
<td>Scientific Inquiry – 1 Lab Science</td>
<td>7-8</td>
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<tr>
<td>Public Service – 1 Lab Science 1 Science or Math</td>
<td>1000-3000-Level Consult Major ATCS 3010 Site Strategies 3 hrs</td>
</tr>
<tr>
<td>Western Traditions</td>
<td>3</td>
</tr>
<tr>
<td>Outside Western Traditions Or Comparative Cultures Intl. Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>Writing Intensive</td>
<td>4</td>
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| Minor Requirements: |

A minor in architecture requires at least five courses and a minimum of 15 hours of course work within the School of Architecture. The only specifically required course is Introduction to Architecture. In addition to this introductory history course, the minor requires a minimum of two courses from the design, history/theory, and/or technology curricula. Some of these courses have prerequisites and, in order to enroll in them, minors must satisfy the prerequisites or have permission of the instructor. Students may satisfy the remainder of the credit requirement for a minor with any courses offered within the School of Architecture.

Students who wish to pursue a Bachelor of Science in Architecture with a Concentration Area should meet with the School of Architecture Major Advisor as soon as possible to determine a curriculum plan that best meets their area of interest.

- The Degree Plan and other information provided in this booklet serve only as advising tools. Newcomb-Tulane College advisors will help advise you on the core curriculum, decide on a major, and consult on any academic success issues.
- Your business coordinator will advise you on businessmajor and minor requirements.
- Students with non-business majors will have more than one advisor and will need to consult with the appropriate advisor.
- Students with non-business minors are not assigned an advisor, but a faculty member in the department is designated to advise minors.
- Become familiar with your major! By declaring early, you have access to a major advisor, are able to enroll in “majors only” classes, and are included in list serves that allow you to receive information about events, internships, and other opportunities.
- Pre-med and Pre-law students should also consult with one of the Pre-Professional advisors.
What Can I Do with a Major in...
Architecture BS

GENERAL INFORMATION
• The Architecture Bachelor of Science is a pre-professional program and is an excellent platform for working in the profession and future graduate studies in architecture and associated fields.
• To become a licensed architect, one must receive a professional (Bachelor of Architecture or Master of Architecture) degree from an accredited school of architecture, complete an internship period, and pass a licensing examination.
• Architecture involves much more than designing buildings. Students should consider talking to architects or visiting their offices to learn more about the field.
• Students of architecture should be able to conceptualize and understand spatial relations and be detail-oriented.
• Oral and graphic communications skills are important, particularly when working with clients, construction firms or government officials. Good writing skills are valuable for developing architectural proposals.
• Computer Aided Design and Drafting (CADD) and other computer technologies are prevalent in the field of architecture. Students should develop as many computer skills as possible.
• One third of architects are self-employed as either partners or running their own firms. Most architects work in firms of fewer than five people. There are also large firms that employ hundreds of professionals.
• Related fields include: graphic design, interior design, industrial planning, real estate development, civil engineering, historic preservation, and construction management.
• Some architects specialize in a particular building type; other architects may specialize in a certain function of the firm, such as project management or specification writing. Graduate study in the field may be helpful for specializing.
• Areas of specialization include: historic preservation/renovation, landscape architecture, healthcare facilities, sports facilities, educational facilities, urban design, master planning, interior design, and real estate development.
• Students should design a portfolio to use when interviewing. Include freehand drawings, final drawings by hand and computer, process sketches, photos of study models and finished models, a sample of writing, and work from technical courses.

SKILLS
• Time and self-management skills
• Design skills
• High proficiency in graphic and oral presentation skills
• Extensive critical thinking skills
• Identify and predict trends and patterns
• Interpret and evaluate events, information and ideas
• Ability to operate design-based computer programs
• Ability to utilize creativity in problem solving
• Ability to conceptualize and understand spatial relationships

• Ability to work collaboratively, both with peers and the community
• Understanding of the importance of combining utility with aesthetics
• Negotiation skills
• Project management and leadership skills
• Ability to utilize three-dimensional reasoning
• Business development and decision-making skills
• Marketing and brand identity skills

RESIDENTIAL ARCHITECTURE
• Multiple-Unit Residential
• Single Family Residential
• Senior/Assisted Living
• Remodeling/Renovations
• Landscape Design

COMMERCIAL ARCHITECTURE
• Commercial building design (office buildings, factories, laboratories, malls, schools, etc.)
• Government design projects (schools, colleges, government facilities, military facilities, libraries, hospitals, recreational facilities, churches, museums, etc.)

EMPLOYERS
• Architecture firms
• Real estate developers
• Preservation organizations
• Construction firms
• Individual homeowners
• Self-employed
• Government departments and agencies (federal, state, local)
• Large corporations
• Manufacturers
• Preservation organizations
• Research institutions
• Self-employed
• Transportation companies

If you think you might be interested in this major, but you are not absolutely sure, an exploratory advisor can help you explore major and career options, please go to: Explore.Tulane.edu

If you are interested in information about Law Professions, please go to: LawProfessions.Tulane.edu

If you are interested in information about Health Professions, please go to: HealthProfessions.Tulane.edu
**What Can I Do with a Major in…**

**Architecture BS**

### EDUCATION
- Teaching
- Research
- Part-time instruction
- Special Collections Libraries

### RELATED PROFESSIONS
- Colleges and universities
- Trade / tech schools
- Federal, state, local government
- Real estate firms
- Developers
- Contractors
- Self-employed
- Architecture firms
- Design firms
- Engineering firms
- Corporations
- Architecture departments
- Law firms
- Preservation organizations

### PROFESSIONAL ORGANIZATIONS
- American Architectural Foundation
  www.archfoundation.org
- American Collegiate Schools of Architecture
  www.acsa-arch.org
- The American Institute of Architects
  www.aia.org
- The American Institute of Architecture Students
  www.aias.org
- American Society of Landscape Architects
  www.asla.org
- Association of Architecture Organizations
  www.aaonetwork.org
- National Council of Architectural Registration Boards
  www.ncarb.org
- National Organization of Minority Architects
  www.noma.net

### RELATED WEBSITES & ASSOCIATIONS
- AIA Career Center
  careercenter.aia.org/jobseekers
- Archinect Jobs
  archinect.com/jobs
- Design Intelligence
  www.di.net
- Journal of Architectural Education
- National Architectural Accrediting Board
  www.naab.org
- National Building Museum
  www.nbm.org

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For Jobs, internships, resume assistance, interviews, and self-assessments, please go to: **HIRE Tulane Grads.com**

Tulane University is committed to your academic success and provide several services to assist.