Degree Requirements

Undergraduate Degree

Students in the College of Architecture select, in consultation with their advisers, a course of study that satisfies the formal degree requirements, addresses their interests and best meets their overall goals.

General

Students will earn either a Bachelor of Science in Architecture or Bachelor of Design in Architecture. The degree program requirements are the same for both degrees through the junior year (300 level). Students then choose which degree program they wish to pursue at the conclusion of the junior level.

College of Architecture Requirements

Students must fulfill the following degree requirements:

A. Requirements

1. Writing I: Every student must demonstrate proficiency in reading and writing the English language and must begin to develop mature skills in framing and revising arguments by completing course work as determined by the Department of English with a grade of C– or better. Transfer students must fulfill the Writing 1 requirement by taking CWP 100 College Writing 1 or by review of a writing portfolio. For more information, visit http://transferportfolio.artsci.wustl.edu.
2. Calculus I (Natural Sciences/Math) with a C– or better
3. Physics I (Natural Sciences/Math) with a C– or better
4. Humanities (3 units): Humanities courses examine the human condition as it has been documented and expressed in both past and contemporary times. This area includes courses from Literature (both in English and other languages), Classics, History, Philosophy, and Religious Studies, as well as some courses in the creative arts such as Dance, Drama, Music and Writing. Courses designated "AR HUM" fulfill a humanities requirement.
5. Social and Behavioral Sciences (3 units): These courses use qualitative and quantitative observation to explore the social environment, relationships with society, and forms of human behavior. This area includes courses from Anthropology, Economics, Education, International and Area Studies, Political Science, and Psychology, and courses from other areas, including interdisciplinary studies. Courses designated "AR SSC" fulfill the Social and Behavioral Sciences requirement.
6. Art History (Art-Arch 113 History of Western Art, Architecture and Design)
7. Art History (Art-Arch 215 Introduction to Modern Art, Architecture and Design)
8. Courses in Arts & Sciences (18 units)*
9. Courses in Architecture, Art, Design; Arts & Sciences; Business; or Engineering (9 units)*

*This excludes physical education, lessons, independent studies, internships, Advanced Placement, International Baccalaureate or transfer credit.

B. Foundation Courses

1. Drawing I

C. Sam Fox Commons, Architecture, Art or Design Electives

Every student is required to take at least 6 units of Sam Fox Commons (X10 300-level), Architecture, Art or Design interdisciplinary courses.

D. Major Required Courses: Bachelor of Science in Architecture

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<thead>
<tr>
<th>Course Code</th>
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<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ARCH 111</td>
<td>Introduction to Design Processes I</td>
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<tr>
<td>ARCH 112</td>
<td>Introduction to Design Processes II</td>
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</tr>
<tr>
<td>ARCH 211B</td>
<td>Introduction to Design Processes III</td>
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<td>ARCH 212B</td>
<td>Introduction to Design Processes IV</td>
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<tr>
<td>ARCH 311</td>
<td>Architectural Design I</td>
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<tr>
<td>ARCH 312</td>
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<tr>
<td>ARCH 411</td>
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<td>ARCH 412</td>
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<tr>
<td>ARCH 3283</td>
<td>Architectural History I: Premodern Encounters in World Architecture</td>
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</table>

or ARCH 3284 Architectural History II: Architecture Since 1880


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<tr>
<td>ARCH 333</td>
<td>Case Studies in 20th-Century Architecture</td>
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</tr>
<tr>
<td>ARCH 438</td>
<td>Environmental Systems I</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 445</td>
<td>Building Systems</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 447A</td>
<td>Structures I</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 448A</td>
<td>Structures II</td>
<td>3</td>
</tr>
</tbody>
</table>

One History/Theory or Urban Issues elective 3
Electives 3

Total units 63

E. Major Required Courses: Bachelor of Design, Major in Architecture

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or ARCH 3284 Architectural History II: Architecture Since 1880
ARCH 333  Case Studies in 20th-Century Architecture  3
ARCH 445  Building Systems  3
ARCH 499  Senior Capstone in Architecture  3
Architecture Elective (300 level or above)  3
Electives  21

Total units  63

Typical Freshman and Sophomore Programs for Architecture Students

The following typical programs for the freshman and sophomore years are based on the requirements of the College of Arts & Sciences and on the prerequisite introductory architecture sequences for the undergraduate degrees in architecture:

Freshman Year
ARCH 111  Introduction to Design Processes I  6
& ARCH 112  and Introduction to Design Processes II  4
XCORE 101  Drawing I  3
XCORE 181  Practices in Architecture + Art + Design  1
XCORE 182  Practices in Architecture + Art + Design  1
Math 131  Calculus I  3
CWP 100  College Writing 1  3
Art-Arch 113  History of Western Art, Architecture and Design  3
Art-Arch 215  Introduction to Modern Art, Architecture and Design  3
Academic Requirements/Electives  9

Total units  32

Sophomore Year
Physics 117A  General Physics I  4
ARCH 211B  Introduction to Design Processes III  4.5
ARCH 212B  Introduction to Design Processes IV  4.5
ARCH 3283  Architectural History I: Premodern Encounters in World Architecture  3
Academic Requirements/Electives  15

Total units  31

If a student plans to enter the architectural design sequence ARCH 311-ARCH 312 in the fall of the junior year, the student must complete 60 units of academic work by the end of the sophomore year.

Minor in Architecture Requirements

Minor degree candidates are required to complete 18 units including:
1. 6 to 9 units of introductory design, from the following:
   - ARCH 111  Introduction to Design Processes I  6
   & ARCH 112  and Introduction to Design Processes II

   ARCH 211B  Introduction to Design Processes III  9
   & ARCH 212B  and Introduction to Design Processes IV

2. 3 units (minimum) of the architectural history survey:
   - ARCH 3283  Architectural History I: Premodern Encounters in World Architecture  3
   - ARCH 3284  Architectural History II: Architecture Since 1880  3

3. 3 to 9 units chosen from the following electives:
   - ARCH 302  Freehand Drawing  3
   - ARCH 333  Case Studies in 20th-Century Architecture  3
   - ARCH 336D  Biomimicry: A Biokinetic Approach to Sustain(Able) Design  3
   - ARCH 404  Advancing Integrated Sustainability  3
   - ARCH 405A  Furniture Design for the Architect  3
   - ARCH 434R  Decoding Sustainability  3
   - ARCH 455C  DuBois Meets Churchill: Social Justice and the Built Environment  3

Additional courses as approved by the associate dean of students or dean.

Additional Requirements

Each undergraduate student shall complete 122 units with a grade of D or better (or credit) and at least 30 units in advanced courses (numbered 300, 400 or 500). The 30 units in advanced courses may include the minimum number of advanced units required by the major areas of concentration. Courses required for the major (see College of Architecture Requirements) must be passed with a grade of C– or better.

Each student shall spend at least three semesters in full-time residence (at least 12 units per semester) at Washington University. Unless excused by the dean of the College of Architecture, the student must earn the last 30 units at Washington University. The dean of the College of Architecture may waive the full-time residence requirement for students who are employed full-time and have completed at least two years of college.

Regulations

A. No more than eight courses, exclusive of general studies courses, may be taken pass/fail.

B. Students may enroll for credit in only one supervised performance course in any semester. Students may earn a maximum of 12 units toward the degree in supervised performance and/or in group and individual performance courses combined.
The 4+2 Program: Bachelor of Science in Architecture and Master of Architecture

The College of Architecture's Bachelor of Science degree curriculum leads directly into the Graduate School of Architecture & Urban Design's two-year Master of Architecture degree program, providing for the attainment of the accredited professional degree in six years.

Students who have satisfactorily completed, or who are about to complete, the Bachelor of Science requirements can apply to the Graduate School of Architecture & Urban Design's Master of Architecture degree program by submitting an application to the Graduate Admissions Office and by requesting a review of their undergraduate work by the Graduate Admissions Committee. Admission is not automatic, however, and requires approval from the Graduate Admissions Committee. A portfolio is not required for students in the senior year of the Bachelor of Science curriculum at the time of application.

Bachelor of Science in Architecture students thus accepted into the two-year Master of Architecture degree program are required to complete the following courses to fulfill the requirements of the MArch 2 degree:

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<tr>
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<tbody>
<tr>
<td>ARCH 511</td>
<td>Architectural Design V</td>
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</tr>
<tr>
<td>ARCH 512</td>
<td>Architectural Design VI</td>
<td>6</td>
</tr>
<tr>
<td>ARCH 538C</td>
<td>Advanced Building Systems</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 580</td>
<td>Design Thinking: Research and Design Methods</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 611</td>
<td>Architectural Design VII</td>
<td>6</td>
</tr>
<tr>
<td>ARCH 616</td>
<td>Degree Project</td>
<td>6</td>
</tr>
<tr>
<td>ARCH 646</td>
<td>Professional Practice I</td>
<td>3</td>
</tr>
</tbody>
</table>

Total units: 33

Additionally, students entering the two-year Master of Architecture degree program with the college's Bachelor of Science degree must complete course work not addressed during the Bachelor of Science curriculum, as follows:

1. Completion of both ARCH 438 Environmental Systems I and ARCH 439 Environmental Systems II;
2. Completion of at least one elective course in Architectural History and Theory; and
3. Completion of at least one elective course in Urban Issues.

Students in the MArch 2 degree program have 18 units (six courses) of additional elective credits to complete.

Information

For more information about graduate degree programs and requirements, contact the Director of Graduate Admissions, Graduate School of Architecture & Urban Design, Sam Fox School of Design & Visual Arts, Washington University in St. Louis, Campus Box 1079, One Brookings Drive, St. Louis, MO 63130-4899, or send an e-mail to: samfoxschool@wustl.edu.