

Bachelor of Science in Architecture

The Bachelor of Science in Architecture degree is a 4-year pre-professional program. Architectural design studios that focus on the integration of thinking and making through design are central to the curriculum. Students take courses in the architecture foundation program for the first two years of study then focus on architectural design in the third and fourth year. Sequential studio courses provide the means for integration and synthesis of academic and professional knowledge that is learned in courses in building technology, architectural history and theory, and representation. Dedicated studio, woodshop, digital fabrication, and digital lab spaces allow for in-house drawing, modeling, and digital visualization.

Graduates are qualified for a variety of positions in architecture and related fields for which a professional degree and registration are not requirements for advancement. Graduates are prepared to apply for a professional degree in architecture at the graduate level or a related discipline.

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Summary of Degree Requirements

The Bachelor of Science degree in Architecture may be conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 123 semester hours of credit with a minimum cumulative 2.00 GPA.

University Requirements

All students are required to complete the General Education (GenEd) requirements. Go to the General Education section for more information.

Summer or semester study abroad will satisfy the GenEd Global/World Society (GG) requirement.

All Temple students must take a minimum of two writing-intensive courses as part of the major. The specific writing-intensive courses required for this major are ARCH 3296 and ARCH 4596.

Program Requirements

All required Architecture courses, MATH 1031, and PHYS 1021 or ECE 2142 must be completed with a C- or better to fulfill major requirements.

| Code | Title | Credit Hours |
|-------------------------------|--|--------------|
| MATH 1031 | Differential and Integral Calculus | 4 |
| Select one of the following: | | 4 |
| PHYS 1021 | Introduction to General Physics I | |
| ECE 2142 | Engineering Principles for Building Science ¹ | |
| Freshman Requirements | | |
| ARCH 1011 | Visual Literacy for Architects 1 | 3 |
| ARCH 1001 | Introduction to Design and the Environment | 3 |
| ARCH 1012 | Visual Literacy for Architects 2 | 3 |
| Sophomore Requirements | | |
| ARCH 2121 | Foundation Architectural Design 1 | 4 |
| ARCH 2141 | Architectural History: Ancient through Renaissance | 3 |
| ARCH 2151 | Architecture, Technology, and the Environment | 3 |
| ARCH 2122 | Foundation Architectural Design 2 | 4 |
| ARCH 2142 | Architectural History: Renaissance through 20th Century | 3 |
| Junior Requirements | | |

| | | |
|----------------------------|------------------------------------|---|
| ARCH 3231 | Architectural Design III | 6 |
| ARCH 3152 | Materials and Methods | 4 |
| ARCH 3296 | Movements in Modern Architecture | 3 |
| ARCH 3232 | Architectural Design IV | 6 |
| ARCH 3354 | Sustainability and Architecture | 3 |
| Senior Requirements | | |
| ARCH 4331 | Architectural Design V | 6 |
| ARCH 3251 | Structural Analysis for Architects | 3 |
| ARCH 4332 | Architectural Design VI | 6 |
| ARCH 4596 | Seminar in Architectural Theory | 3 |
| ARCH Electives | | 9 |

¹ If ECE 2142 is selected, students will need another GenEd Science and Technology (GS) course to satisfy the GenEd requirement.

Suggested Academic Plan

Please note that this is a **suggested** academic plan. Depending on your situation, your academic plan may look different.

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Requirements for New Students starting in the 2022-2023 Academic Year

Architecture Foundation Studies Courses (Year 1 & 2)

| Year 1 | | Credit Hours |
|------------------------------|--|--------------|
| Fall | | |
| ARCH 1011 | Visual Literacy for Architects ¹ | 3 |
| ENG 0802, 0812, or 0902 | Analytical Reading and Writing [GW] | 4 |
| MATH 1031 | Differential and Integral Calculus | 4 |
| GenEd Breadth Course | | 3 |
| Term Credit Hours | | 14 |
| Spring | | |
| ARCH 1001 | Introduction to Design and the Environment | 3 |
| ARCH 1012 | Visual Literacy for Architects 2 (spring only) | 3 |
| IH 0851 or 0951 | Intellectual Heritage I: The Good Life [GY] | 3 |
| Select one of the following: | | 4 |
| PHYS 1021 | Introduction to General Physics I | |
| ECE 2142 | Engineering Principles for Building Science ² | |
| GenEd Breadth Course | | 3 |
| Term Credit Hours | | 16 |
| Year 2 | | |
| Fall | | |
| ARCH 2121 | Foundation Architectural Design 1 (fall only) ³ | 4 |
| ARCH 2141 | Architectural History: Ancient through Renaissance (fall only) | 3 |
| ARCH 2151 | Architecture, Technology, and the Environment | 3 |
| IH 0852 or 0952 | Intellectual Heritage II: The Common Good [GZ] | 3 |
| GenEd Breadth Course | | 3 |
| Term Credit Hours | | 16 |
| Spring | | |
| ARCH 2122 | Foundation Architectural Design 2 (spring only) ⁴ | 4 |
| ARCH 2142 | Architectural History: Renaissance through 20th Century | 3 |
| GenEd Breadth Course | | 3 |
| Free Elective ⁵ | | 3 |

| | |
|----------------------------|-----------|
| Free Elective ⁵ | 3 |
| Term Credit Hours | 16 |
| Total Credit Hours: | 62 |

- 1 Although not required, freshman students registered for ARCH 1011 should also take ARCH 1502.
- 2 If ECE 2142 is selected, students will need another GenEd Science and Technology (GS) course to satisfy the GenEd requirement.
- 3 Option to take ARCH 2123 / ARCH 2153 instead of ARCH 2121 for B.S. in Facilities Management.
- 4 Option to take ARCH 2124 / ARCH 2154 instead of ARCH 2122 for B.S. in Facilities Management.
- 5 Students planning to study abroad should substitute the Free Elective for a required course available only on main campus. For more information, please see your advisor.

Note: The Architecture Foundation is common to all three undergraduate degrees. In the spring of the sophomore year, students declare a major in one of the degrees offered. A place in the B.S. in Facilities Management or the B.S. in Historic Preservation is guaranteed for all students in good standing with the University. Admission to the Bachelor of Science in Architecture is competitive. Typically, students have a cumulative GPA of 3.0 or higher and an excellent portfolio. Students in all three programs can apply to the Master of Architecture program. Bachelor of Science in Architecture students are eligible for the 2-year, 60 credit track. Bachelor of Science in Historic Preservation and Bachelor of Science in Facilities Management students may be required to take additional coursework (between 60-90 credits) at the graduate level. Students can meet with an advisor to plan ahead and can refer to the Temple University Graduate Bulletin.

Note: Students who plan on applying to the +1 Bachelor of Science in Architecture + Master of Architecture Accelerated Program should plan on taking ARCH 3251 and ARCH 3354 in the second or third year of study and should consult with an academic advisor.

Bachelor of Science in Architecture (Year 3 & 4)

| Year 3 | | Credit Hours |
|--|---------------------------------------|---------------------|
| Fall | | |
| ARCH 3231 | Architectural Design III | 6 |
| ARCH 3152 | Materials and Methods | 4 |
| ARCH 3296 | Movements in Modern Architecture [WI] | 3 |
| GenEd Breadth Course | | 3 |
| Term Credit Hours | | 16 |
| Spring | | |
| ARCH 3232 | Architectural Design IV | 6 |
| ARCH 3354 | Sustainability and Architecture | 3 |
| GenEd Breadth Course | | 3 |
| Free Elective | | 3 |
| Term Credit Hours | | 15 |
| Year 4 | | |
| Fall | | |
| ARCH 4331 | Architectural Design V | 6 |
| ARCH 3251 | Structural Analysis for Architects | 3 |
| Architecture Elective | | 3 |
| Free Elective | | 3 |
| Term Credit Hours | | 15 |
| Spring | | |
| ARCH 4332 | Architectural Design VI | 6 |
| ARCH 4596 | Seminar in Architectural Theory [WI] | 3 |
| Architecture Elective | | 3 |
| Architecture Elective | | 3 |
| Term Credit Hours | | 15 |
| Total Credit Hours: | | 61 |
| Code | Title | Credit Hours |
| Total Credits for the B.S. in Architecture: | | 123 |

Rome Option

Bachelor of Science in Architecture students who plan to study abroad are encouraged to meet with an advisor as early as the freshman year. While the grid below suggests appropriate coursework, a semester abroad would require using free electives that ordinarily would be taken in other semesters. It will take careful planning with an advisor to ensure that the degree is completed as efficiently as possible, and that courses normally taken in the spring of junior year or the fall of senior year on Main campus are completed before the semester abroad. ARCH 3234 can substitute for ARCH 4331; ARCH 3241 counts as an Architecture elective.

| Code | Title | Credit Hours |
|---------------------------|---|--------------|
| ARCH 3234 | Architectural Design Studio in Rome | 6 |
| ARCH 3241 | Seminar Analysis of Urban Structure in Rome | 3 |
| Free Elective | | 3 |
| Free Elective | | 3 |
| Total Credit Hours | | 15 |

Japan Option

Bachelor of Science in Architecture students who plan to study abroad are encouraged to meet with an advisor as early as the freshman year. While the grid below suggests appropriate coursework, a semester abroad would require using free electives that ordinarily would be taken in other semesters. It will take careful planning with an advisor to ensure that the degree is completed as efficiently as possible, and that courses normally taken in the spring of junior year or fall of senior year on Main campus are completed before the semester abroad.

GenEd courses are offered at the Japan campus and can be substituted where appropriate for Free electives. ARCH 3233 can substitute for ARCH 4331; ARCH 3242 counts as an Architecture elective.

| Code | Title | Credit Hours |
|---------------------------|---|--------------|
| ARCH 3233 | Architecture Design Studio in Tokyo (Undergraduate) | 6 |
| ARCH 3242 | Urban Seminar in Tokyo (Undergraduate) | 3 |
| Free Elective | | 3 |
| Free Elective | | 3 |
| Total Credit Hours | | 15 |