

# Bachelor of Science in Architecture

---

Rashida Ng, Chair

Tyler School of Art, Architecture Building, Room 204

215-204-8813

rashida.ng@temple.edu

The Bachelor of Science in Architecture degree is a 4-year pre-professional program. Design studios are central to the curriculum. Sequential studio courses serve as courses for the comprehension and synthesis of academic and professional knowledge and for the integration of thinking and making. Dedicated studio, woodshop, digital fabrication, and 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. Additionally, students may utilize this degree toward the goal of architectural education at the graduate level.

## 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 (<http://bulletin.temple.edu/undergraduate/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 <sup>1</sup>	
<b>Freshman Requirements</b>		
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
<b>Sophomore Requirements</b>		
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
<b>Junior Requirements</b>		
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
<b>Senior Requirements</b>		
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

<sup>1</sup> 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.

### Bachelor of Science in Architecture

#### Requirements for New Students starting in the 2018-2019 Academic Year

#### ARCHITECTURE FOUNDATION STUDIES COURSES (YEAR 1 & 2)

Year 1		Credit Hours
<b>Fall</b>		
ARCH 1011	Visual Literacy for Architects <sup>1</sup>	3
ENG 0802, 0812, or 0902	Analytical Reading and Writing	4
MATH 1031	Differential and Integral Calculus	4
GenEd Breadth Course		3
Term Credit Hours		14
<b>Spring</b>		
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	3
Select one of the following:		4
PHYS 1021	Introduction to General Physics I	
ECE 2142	Engineering Principles for Building Science <sup>2</sup>	
GenEd Breadth Course		3
Term Credit Hours		16
<b>Year 2</b>		
<b>Fall</b>		
ARCH 2121	Foundation Architectural Design 1 (fall only) <sup>3</sup>	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	3
GenEd Breadth Course		3
Term Credit Hours		16
<b>Spring</b>		
ARCH 2122	Foundation Architectural Design 2 (spring only) <sup>4</sup>	4
ARCH 2142	Architectural History: Renaissance through 20th Century	3
GenEd Breadth Course		3
Free Elective <sup>5</sup>		3
Free Elective <sup>5</sup>		3
Term Credit Hours		16
Total Credit Hours:		62

<sup>1</sup> Although not required, freshman students registered for ARCH 1011 should also take FDPR 1501 and ARCH 1502.

<sup>2</sup> If ECE 2142 is selected, students will need another GenEd Science and Technology (GS) course to satisfy the GenEd requirement.

<sup>3</sup> Option to take ARCH 2123 / ARCH 2153 instead of ARCH 2121 for B.S. in Facilities Management.

<sup>4</sup> Option to take ARCH 2124 / ARCH 2154 instead of ARCH 2122 for B.S. in Facilities Management.

<sup>5</sup> 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. Completion of minimum entrance requirements does not guarantee admission.

## BACHELOR OF SCIENCE IN ARCHITECTURE (YEAR 3 & 4)

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

### 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.

<b>Code</b>	<b>Title</b>	<b>Credit Hours</b>
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.

<b>Code</b>	<b>Title</b>	<b>Credit Hours</b>
ARCH 3233	Architecture Design Studio in Tokyo (Undergraduate)	6
ARCH 3242	Urban Seminar in Tokyo (Undergraduate)	3
Free Elective		3
Free Elective		3
<hr/>		
Total Credit Hours		15