

BACHELOR OF SCIENCE IN ARCHITECTURE

The Bachelor of Science in Architecture (B.S. Arch) offers a rigorous and distinguished architectural education profile for our students around technology in all areas – design, history, theory, and communication. It is defined by a knowledge of how to think about and apply technology in architecture. Our program offers flexibility in the design studio sequence to allow coordinated interdisciplinary work with other schools at Georgia Tech. We build our academic foundation on studio classes, history and theory, and a deliberate blend of technology and design. We offer incubator workshops to all our students, from Freshmen through Seniors, which allow them to follow their intellectual passions and hone in-demand skills. Our students graduate with a broad-based undergraduate education grounded in design, science, and technology.

The Bachelor of Science in Architecture program prepares students for graduate-level studies in architecture, for graduate study in related fields, or a variety of careers related to architecture, the building industry, or government service.

Grade Requirements

Students must pass all architecture undergraduate studios with a grade of C or above in order to move forward to the next studio in the sequence.

A maximum of 9 credit hours may be taken on a pass/fail basis. Only courses taken as free electives within the undergraduate curriculum are eligible for pass/fail credit. See Institute regulations regarding pass/fail courses.

Students who complete both the Bachelor of Science in Architecture (BS Arch) and Master of Architecture (M.Arch.) in the Georgia Tech School of Architecture may apply up to 6 credit hours of graduate coursework toward both degrees. In order to qualify for this option, the student must complete the undergraduate degree with a cumulative grade-point average of 3.5 or higher and enter the Masters program in the following fall term.

Code	Title	Credit Hours
Wellness		
APPH 1040	Scientific Foundations of Health or APPH 10 The Science of Physical Activity and Health or APPH 10 Flourishing: Strategies for Well-being and Resilience	2
Core A - Essential Skills		
ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1552	Integral Calculus	4
Core B - Institutional Options		
CS 1301	Introduction to Computing or CS 1315 Introduction to Media Computation	3
Core C - Humanities		
Any HUM		6
Core D - Science, Math, & Technology		
PHYS 2211	Introductory Physics I ¹	4
Lab Science		4
MATH 1551	Differential Calculus	2

MATH 1553	Introduction to Linear Algebra	2
Core E - Social Sciences		
Select one of the following:		3
HIST 2111	The United States to 1877	
HIST 2112	The United States since 1877	
INTA 1200	American Government in Comparative Perspective	
POL 1101	Government of the United States	
PUBP 3000	American Constitutional Issues	
Any SS		9
Core F - Courses Related to Major		
ARCH 1016	Foundation Studio 1 ²	4
ARCH 1017	Architecture Design Studio 1 ²	5
ARCH 1020	Media + Modeling 1	3
ARCH 1060	Introduction to Design and the Built Environment	3
ARCH 2111	History of Architecture I	3
Major Requirements		
ARCH 2016	Architecture Design Studio 2 ²	5
ARCH 2017	Architecture Design Studio 3 ²	5
ARCH 2020	Media + Modeling 2	3
ARCH 2112	History of Architecture II	3
ARCH 2211	Construction Technology and Design Integration I	3
ARCH 3016	Architecture Design Studio 4 ²	5
ARCH 3017	Architecture Design Studio 5 ²	5
ARCH 3231	Environmental Systems and Design Integration I	3
ARCH 4015	Structures 1	3
ARCH 4016	Architecture Design Studio 6 ^{2,3}	5
ARCH 4017	Architecture Design Studio 7 ^{2,3}	6
ARCH 4803	Special Topics (Design Strategies)	3
Free Electives		
Free Electives		12
Total Credit Hours		124

Pass-fail only allowed for Free Electives.

¹ If PHYS 2231 is taken, excess hour applies to Free Electives.

² C minimum or higher

³ A cluster option of 11 hours of Architecture courses with a grade of 'C' or higher may be used in place of ARCH 4016 and ARCH 4017. See advisor for approval

International Plan

The International Plan (IP) in the School of Architecture is a challenging and coherent academic program for undergraduate students who will develop an introductory level of global competence within the study of architecture. The International Plan is an intensive degree-long program designed to prepare students with the ability to:

1. assimilate comfortably in a constantly evolving international context within the profession of architecture,
2. value how architecture is practiced in different global contexts,

3. function effectively in a multi-national academic and work environment, and
4. understand the complexity of the global economy and the importance of developing a sensibility to international relations.

While many students gain some exposure to these aspects of today's world through the patchwork of traditional international opportunities such as study abroad and international internships, IP is designed to develop a deeper level of competency in these areas within the study of architecture.

The requirements of IP are:

1. Proficiency in a Foreign Language
2. Globally Focused Courses
3. International Experience, and
4. A Capstone Course

IP students in the School of Architecture can fulfill the International Experience requirement of the International Plan by participation in a university-approved international program with the approval of the School of Architecture.

Undergraduate students in the School of Architecture must hold a minimum 2.5 GPA at the time of application to be eligible for the International Plan. Students must complete each architectural design studio with a grade of C or above in order to move forward in the sequence and maintain eligibility for IP. Students will not be allowed to study abroad until they have completed the first four foundational studios.

For more information on IP, visit www.arch.gatech.edu/international-education.