ARCHITECTURE, B.ARCH

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Chair

Daekwon Park, 201 Slocum Hall

Faculty

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Program Description

The B.Arch is a 5-year professional degree in Architecture. Students in the B. Arch program take courses in architectural design, theory, technology, history and professional practice. Graduates of this program are prepared to enter into the Intern Development Program (IDP) required to become a licensed architect.

Degree Awarded

Bachelor of Architecture (B.Arch) degree

Prerequisites for Admission into the B.Arch Program

All applicants to the B.Arch program must submit a portfolio to the School of Architecture for review.

Student Learning Outcomes

1. Develop a holistic understanding of the dynamic between built and natural environments with the goals of mitigating climate change responsibly by leveraging ecological, advanced building performance, adaptation, and resilience principles in their work and advocacy activities

2. Understand the role of the design process in shaping the built environment and develop the ability to make architectural design decisions that demonstrate the synthesis and thoughtful integration of human, technical, regulatory, and environmental demands and requirements

3. Understand established and emerging systems, technologies, and regulatory requirements of building construction as well as their underlying principles; develop skills to effectively and creatively integrate them into architectural designs; and assess them against pertinent design and performance objectives and legal requirements

4. Deepen students' understanding of diverse human contexts and deepen student commitment to translating this understanding into healthy, safe, inclusive environments at multiple scales

5. Ensure that students understand the histories and theories of architecture and urbanism from multiple perspectives, framed by diverse social, cultural, economic, and political conditions

6. Develop skills and knowledge needed for the practice of architecture including its diverse career paths and opportunities, professional ethics, business processes, regulatory requirements, and principles for effective leadership and collaboration

7. Ensure a positive and respectful environment that encourages optimism, respect, sharing, engagement, and innovation among its faculty, students, administration, and staff

8. Develop skills to critically and meaningfully understand and engage, through research, design, and other forms of creative inquiry, the role and agency of architectural design for possible, probable, and preferable futures

Students must meet the curriculum requirements as they appear in the online course catalog for the academic year in which they entered Syracuse University. Please see your academic advisor if you have any questions/concerns.

Students matriculating in Fall 2025 or later, must meet the following curriculum requirements.

Code	Title	Credits
Architecture Design		**54**
ARC 107	Architectural Design I	
ARC 108	Architectural Design II	
ARC 207	Architectural Design III	
ARC 208	Architectural Design IV	
ARC 307	Architectural Design V	
ARC 407	Special Topics in Architectural Design	
ARC 408	Special Topics in Architectural Design	
ARC 409	Integrated Architectural Design	
ARC 498	Directed Research	
Representation		**6**
ARC 181	Representation I	
ARC 182	Representation II	
Architecture History		**12**
ARC 133	Introduction to the History of Architecture I	
ARC 134	Introduction to the History of Architecture II	
Architecture History Elective		*6*
Select six credits of the following:		
ARC 300	Selected Topics	
ARC 350	Social Justice and Architecture (ARC 350 variable topics approved by the Architecture History Faculty)	
ARC 500	Selected Topics (500-level selected topics approved by the Architecture History Faculty)	
ARC 331	Art and Architecture of India	
ARC 334	The Architecture of Revolutions	
ARC 337	American Architecture, Settlement to 1860	
ARC 338	American Architecture, 1860 - World War I	
ARC 431	Early Modern Architecture	
ARC 432	The City in Architectural History	
ARC 433	French Architecture, Sixteenth and Seventeenth Centuries	
ARC 434	London's Built Environment	
ARC 435	Islamic Architecture	

ARC 436	Modern Architecture: The International Style to Present	
ARC 437	Renaissance Architecture in Italy:1400-1600	
ARC 438	Introduction to the History of Chinese Architecture	
ARC 439	Architecture and Fascism in Italy	
ARC 534	Introduction to History of Buddhist Architecture	
Architecture Theory		**6**
ARC 141	Architectural Theory I	
ARC 242	Architectural Theory II	
Technologies		**12**
ARC 121	Introduction to Building and Structural Systems	
ARC 222	Building Systems Design I	
ARC 322	Building Systems Design II	
ARC 423	Advanced Building Systems	
Structures		**6**
ARC 211	Structures I	
ARC 311	Structures II	
Professional Practice		**3**
ARC 585	Professional Practice	
Professional Electives		*12*
Select 12 credit hours of the following:		
ARC 350	Social Justice and Architecture	
ARC 500	Selected Topics	
ARC 511	Advanced Structural Resolution	
ARC 534	Introduction to History of Buddhist Architecture	
ARC 552	Politics of Public Space	
ARC 555	Introduction to Building Information Modeling	
ARC 558	Advanced Building Information Modeling and 3D Design	
ARC 561	Survey of British Architecture	
ARC 566	Introduction to Preservation	
ARC 568	Real Estate Design and Development	
ARC 569	Postcolonial Spaces	
ARC 571	Survey of Italian Architecture	
ARC 572	Advanced Computer Applications to Architecture	
ARC 575	Urban Housing - Building, Block, Street	
ARC 576	Theories & Analysis of Exurbia	
ARC 582	NYC Internship Experience	
ARC 583	Building Practice	
ARC 584	Furniture Fabrications	
Advanced Architecture Electives		**6**
ARC 500	Selected Topics (500-level selected topics approved as AAE by the Architecture Faculty)	
ARC 511	Advanced Structural Resolution	
ARC 558	Advanced Building Information Modeling and 3D Design	
ARC 572	Advanced Computer Applications to Architecture	

University Requirement

In addition to FYS 101, the Bachelor of Architecture requires completion of an IDEA course (chosen from a select list)-The IDEA course may count as an Arts & Science elective, open elective, or architecture elective; depending on the course chosen. Please see the undergraduate course catalog for a full listing of IDEA courses.

FYS 101	First Year Seminar	1
Writing Requirement		
Introductory writing sequence required or the ENL equivalency.		6
WRT 105	Studio 1: Practices of Academic Writing	
WRT 205	Studio 2: Critical Research and Writing	
Quantitative Requirement		**3-4**
One course from the following:		
This requirement meets the pre-requisite for ARC 211- Structures I.		
MAT 221	Elementary Probability and Statistics I	
MAT 285	Life Sciences Calculus I	
MAT 295	Calculus I	
PHY 101	Major Concepts of Physics I	
Academic Electives		
Academic Electives (see below)		30
Total Credits		**163-164**

University Requirement

In addition to FYS 101, the Bachelor of Architecture requires completion of an IDEA course (chosen from a select list (https://coursecatalog.syracuse.edu/undergraduate/idea-course-requirement/))-The IDEA course may count as an Arts & Science elective, open elective, or architecture elective; depending on the course chosen. Please see the undergraduate course catalog for a full listing of IDEA courses.

Academic Electives

30 credit hours

At least 6 credits of the 30 credits in academic electives must be upper division courses (numbered 300+)

Humanities

6 credit hours

Courses from the College of Arts & Sciences Humanities division. Approved courses (https://soa.syr.edu/resources/academic-advising/undergraduate/divisional-requirements/humanities/);

Social Sciences

6 credit hours

Courses from the College of Arts & Sciences Social Sciences division. Approved courses (https://soa.syr.edu/resources/academic-advising/undergraduate/divisional-requirements/social-sciences/);

Natural Sciences and Mathematics

3 credit hours

Courses from the College of Arts & Sciences Natural Sciences and Mathematics division. Approved courses (https://soa.syr.edu/resources/academic-advising/undergraduate/divisional-requirements/natural-sciences-and-mathematics/);

Arts & Science Elective

3 credit hours

Any course offered through College of Arts & Sciences (https://soa.syr.edu/resources/academic-advising/undergraduate/divisional-requirements/a&s-elective/).

Open Electives

12 credit hours

Any course offered at the University with the exception of courses with the prefix PED.

Minors

Architecture students may choose to pursue one of the many minors available on campus. Most minors consist of 18-credit programs and some must be taken in a particular sequence. Because of the limited number of non-architecture elective credits contained in the B.Arch program, careful planning is necessary for architecture students to complete a minor. Minors that are too closely related to the major will not be approved. Minors require a minimum of 18 credit hours, 12 of which must be in 300- to 400-level coursework.

Undergraduate University Requirements
The following requirements and experiences apply to all Syracuse University Undergraduate matriculated degree programs.

- IDEA Course Requirement (https://coursecatalog.syracuse.edu/ undergraduate/idea-course-requirement/)
- First Year Seminar (https://coursecatalog.syracuse.edu/ undergraduate/courses/fys/)