Architecture (Bachelor): One-Year Professional Degree

The Bachelor of Architecture is a one-year professional degree program **only for students who have earned a four-year undergraduate degree in Architecture (from NC State or another program within a NAAB accredited institution)**.

To become an architect, students must earn an accredited, professional degree in Architecture.

Admission requirements include prerequisite courses which must be included in the applicant's undergraduate program. A transcript review will identify any prerequisite deficiencies. If accepted to the program, the applicant will be advised regarding how to comply with the prerequisite requirements.

The B.Arch is an advanced degree program that emphasizes comprehensive and integrative design processes. The program prepares students for professional practice through two design studios and a series of required and elective courses in history, theory, architectural technologies, urbanism, energy studies and environmental systems. In this program, students develop a directed thesis project with faculty members, and this project allows students to focus on topics that are critical to current issues in professional architectural practice.

View more information about the program and admissions requirements on our website (https://design.ncsu.edu/admissions/first-year/b-arch/).

Plan Requirements

Code	Title	Hours
Studios		
ARC 501	Professional Architecture Studio I	6
ARC 502	Professional Architecture Studio II	6
Support Courses		
ARC 561	The Practice of Architecture	3
ARC 581	Project Preparation Seminar	3
ARC 564	Architectural Design Development	3
Architecture Elective		
Architecture Elective (p. 1)		9
Total Hours		**30**

Architecture Elective

Code	Title	Hours
ADN 414	Color and Light	3
ARC 414	Environmental Control Systems	3
ARC 441	History of Contemporary Architecture	3
ARC 442	History of NC Architecture	3
ARC 492	Special Topics in Architecture	1-3
ARC 495	Independent Study in Architecture	1-3
ARC 543	Analysis of Precedent	3
ARC 544	American City Planning History	3
ARC 546	Theory of Building Types	3
ARC 561	The Practice of Architecture	3
ARC 570	Anatomy of the City	3
ARC 571	Urban House	3
ARC 574	Place and Place Making	3
ARC 581	Project Preparation Seminar	3

Semester Sequence

This is a sample.

At the completion of four year study (126 credit hours) the Bachelor of Environmental Design in Architecture (BEDA) is granted. An application to the Fifth Year is required. If accepted to the program students will follow this course of study:

Fifth Year

Fall Semester		Hours
ARC 501	Professional Architecture Studio I	6
ARC 581	Project Preparation Seminar	3
Architecture Elective (p. 1)		3
Architecture Elective (p. 1)		3
	Hours	**15**
Spring Semester		
ARC 502	Professional Architecture Studio II	6
ARC 561	The Practice of Architecture	3
ARC 564	Architectural Design Development	3
Architecture Elective (p. 1)		3
	Hours	**15**
	Total Hours	**30**

Career Opportunities

Career Titles

- Airport Engineer
- Architect
- Architecture Professor
- Civil Drafter
- Civil Engineering Technician
- Construction Manager
- Electrical Engineer
- Facilities Planner
- Graphic Designer
- Industrial Designer
- Interior Designer
- Landscape Architect
- Marine Architect
- Mechanical Drafter
- Model Maker
- Package Designer
- Product Planner
- Solar Energy Systems Designer
- Surveying Technicians
- Surveyor
- Technical Illustrator

- Transportation Engineer
- Urban and Regional Planner

Learn More About Careers

NCcareers.org (https://nccareers.org/)
Explore North Carolina's central online resource for students, parents, educators, job seekers and career counselors looking for high quality job and career information.

Occupational Outlook Handbook (https://www.bls.gov/ooh/)
Browse the Occupational Outlook Handbook published by the Bureau of Labor Statistics to view state and area employment and wage statistics. You can also identify and compare similar occupations based on your interests.

Career One Stop Videos (https://www.careeronestop.org/)
View videos that provide career details and information on wages, employment trends, skills needed, and more for any occupation. Sponsored by the U.S. Department of Labor.

Focus 2 Career Assessment (https://careers.dasa.ncsu.edu/explore-careers/career-assessments/) (NC State student email address required)
This career, major and education planning system is available to current NC State students to learn about how your values, interests, competencies, and personality fit into the NC State majors and your future career. An NC State email address is required to create an account. Make an appointment with your career counselor (https://careers.dasa.ncsu.edu/about/hours-appointments/) to discuss the results.

Focus 2 Apply Assessment (https://www.focus2career.com/Portal/Register.cfm?SID=1929) (Available to prospective students)
A career assessment tool designed to support prospective students in exploring and choosing the right major and career path based on your unique personality, interests, skills and values. Get started with Focus 2 Apply and see how it can guide your journey at NC State.

American Institute of Architects (https://www.aia.org/)
National Organization of Minority Architects (https://www.noma.net/)