Architecture is the context for civic life. In an age of increasingly rapid technological and social change, architects must find ways to forge connections between our past and our future. That involves critical thinking about many complex contemporary issues, such as the relationship of public and private life, the interaction between formal and political ideas in cities, and the role of technology in contemporary architecture and design. Because the process of designing buildings involves the synthesis of disparate elements, it can also translate into strategies for approaching a wide range of other problems not traditionally understood to be “architecture.” At Northeastern, we connect specific problem solving inherent to architectural understanding with the larger context of contemporary cities.

The curriculum teaches students to conceptualize, synthesize, and represent complex architectural and urban issues. The program focuses on core skills and critical thinking as preparation for both professional practice and advanced study. The curriculum in the design studio encompasses two major themes: first, the studio projects focus on the art of building, and second, the projects explore how buildings affect urban conditions. Buildings meet both our individual need for shelter and our shared need for cultural meaning. The art of building includes the study of building construction and technology, as well as the cultural messages created by the expression of material, structure, and form in architecture. The contemporary city is our laboratory. This urban focus requires that students integrate their own creative impulses with the future of the society of which they will be a part. By building on the practical and technical training afforded by co-op to develop core professional skills, the curriculum focuses on architecture’s fundamental aesthetic, technological, social, and political aspects.

With the effective synthesis of the art of building with urban issues, Northeastern’s program in architecture is becoming a leader in identifying opportunities for civic representation, urban development, and neighborhood design. Northeastern’s students are in demand in area offices because of their combination of professional competence and fluency in urban architectural issues. There are opportunities for interdisciplinary cooperation in urban-oriented research and creative work in areas such as GIS mapping, urban economics and development, new forms of spatial and visual communication, and public policy. Additionally, Northeastern’s urban focus is applied globally in the semester abroad in Rome in the middler year.

**Transferring to the Major**

**INTERNAL TRANSFERS**
A minimum cumulative GPA of 3.200 is necessary to transfer into architecture. In addition, students must take the following four freshman architecture courses:
- ARCH 1310 History of World Architecture 1 4 SH
- ARCH 1320 History of World Architecture 2 4 SH
- ARCH 1110 Fundamental Architectural Representation 6 SH
- ARCH 1120 Fundamental Architectural Design 6 SH

in the appropriate order and maintain a minimum of a 3.200 GPA in order to be officially admitted into the program.

**EXTERNAL TRANSFERS**
Full-time architecture faculty members may evaluate nonstudio courses for conformity with NU requirements using transcripts and course descriptions. Any student seeking studio course credit (drawing, technology, or design) must present a portfolio for review and evaluation.

There is no portfolio requirement for freshman applicants.

**Academic Progression Standards**
A minimum GPA of 2.500 is required to remain in the major. Students below these averages will not be allowed to continue in the major.

To graduate, a student must have a 2.500 GPA in architecture.

**BS in Architecture**

**NU CORE REQUIREMENTS**
See page 26 for requirement list.

**ARCHITECTURE MAJOR REQUIREMENTS**

**Breadth Courses**

**CALCULUS**
Complete the following course:
- MATH 1241 Calculus I 4 SH

**PHYSICS**
Complete the following course:
- PHYS 1141 General Physics 4 SH

**Architecture Requirements**

**FOUNDATION SKILLS**
Complete the following four courses:
- ARCH 1110 Fundamental Architectural Representation 6 SH
- ARCH 1120 Fundamental Architectural Design 6 SH
- ARCH 1310 History of World Architecture 1 4 SH
- ARCH 1320 History of World Architecture 2 4 SH
HISTORY/THEORY
Complete the following four courses:
ARCH 2330 Nineteenth-Century Architecture and Urbanism 4 SH
ARCH 2340 Twentieth-Century Architecture and Urbanism 4 SH
ARCH 3350 American Houses and Housing 4 SH
ARCH 3361 Rome Architecture and Urbanism 4 SH

TECHNOLOGY
Complete the following five courses:
ARCH 2230 Structures 1: Statics 4 SH
ARCH 2240 Structures 2: Tectonics 4 SH
ARCH 3450 Modeling and Design Communication 4 SH
ARCH 5210 Environmental Systems 4 SH
ARCH 5220 Integrated Building Systems 4 SH

STUDIO DESIGN
Complete the following six courses:
ARCH 2130 Studio 1: Site, Type, Composition 6 SH
ARCH 2140 Studio 2: Pattern and Urban Design 6 SH
ARCH 3155 Rome Studio 6 SH
ARCH 3170 1960s Urbanism 4 SH
ARCH 5110 Housing and Aggregation 6 SH
ARCH 5120 Comprehensive Design Studio 6 SH

ARCHITECTURE SEMINARS
Complete the following two courses:
ARCH 3362 Rome Theory Seminar 4 SH
ARCH 5310 Architecture Seminar 4 SH

Experiential Education
The experiential education requirement is satisfied by the following course, taken as part of the studio design requirement:
ARCH 5110 Housing and Aggregation 6 SH

MAJOR GPA REQUIREMENT
Minimum 2.500 GPA required.

ARCHITECTURE MAJOR CREDIT REQUIREMENT
Complete 112 semester hours in the major.

GENERAL ELECTIVES
Additional courses taken beyond college and major course requirements to satisfy graduation credit requirements.

COORDERATIVE EDUCATION

UNIVERSITY-WIDE REQUIREMENTS
145 total semester hours required
Minimum 2.000 GPA required

Minor in Architectural History
This minor is not available to architecture majors.

REQUIRED COURSES
Complete the following four courses:
ARCH 1310 History of World Architecture 1 4 SH
ARCH 1320 History of World Architecture 2 4 SH
ARCH 2330 Nineteenth-Century Architecture and Urbanism 4 SH
ARCH 2340 Twentieth-Century Architecture and Urbanism 4 SH

GPA REQUIREMENT
2.000 GPA required in the minor