

ARCHITECTURE (B.S.)

The Architecture major at Keene State College is a pre-professional four-year program designed to give students a solid foundation in the artistic, scientific, and technical aspects of architecture. The curriculum offers a range of courses in studio design, building science, sustainable design, history/theory, digital technology, and practice.

The education of KSC architecture majors, grounded in the liberal arts, focuses on teaching students to become effective, creative problem solvers with the tools to adapt and evolve their career paths to meet the needs of a rapidly changing world. Graduates in architecture are prepared to pursue graduate study or transition directly into careers in architecture, planning, building science, construction management, environmental design, design-build, or other related professions.

Integrative Studies Requirements

40 credits minimum

Code	Title	Credits	Completed
Major Requirements (56 credits)			
<i>Core Courses (36 Credits)</i>			
ARCH-180	Intro Arch Design	4	_____
ARCH-230	Arch Design I	4	_____
ARCH-260	Sustainable Desg/Bldg Sci	4	_____
ARCH-270	Commercial Construction	4	_____
ARCH-280	Architectural Design II	4	_____
ARCH-330	Architectural Design III	4	_____
ARCH-350	Architectural Hist I	4	_____
ARCH-355	Architectural Hist II	4	_____
ARCH-370	Architectural Systems	4	_____
<i>Architecture Electives:</i>			
<i>Select at least two of the following:</i>		8	_____
ARCH-120	Arch Visual/Communication		_____
ARCH-220	Architectural Representation		_____
ARCH-275	Residential Construction		_____
ARCH-290	Special Topics		_____
ARCH-320	Adv Architectural Rep		_____
ARCH-360	Solar Des/Bldg Sci II		_____
ARCH-375	Statics/Structural Analysis		_____
ARCH-380	Architectural Design IV		_____

ARCH-430	Architectural Design V		_____
ARCH-435	Portfolio Design		_____
ARCH-490	Advanced Special Topics		_____
ARCH-498	Independent Study		_____
<i>Architecture Allied Requirements:</i>			
IAART-103	3-D Design	4	_____
MATH-111	Applied College Algebra (or any higher level MATH)	4	_____
<i>Architecture Capstone:</i>			
ARCH-480	Senior Design Project	4	_____
<i>Electives:</i>			
ARCH-494	Adv Cooperative Education (*encouraged, not required)		_____
Total Credits		56	_____

Students are encouraged to complete a minor or an organized cluster of courses related to their career interests.

Minor/Additional Electives

Select additional courses of your choice to bring total number of credits earned to 120.

Degree Requirements

120 credits

40 credits at the upper-level

Upon completion of the Architecture B.S. degree, students will be able to:

- Select and apply building systems, construction assemblies, and materials, relative to aesthetics, fundamental performance, durability, energy and material resources, and environmental impact.
- Complete iterative research, analysis, synthesis, and evaluation methodologies used to develop creative problem-solving, both individually and collectively, to support the development of design and building projects.
- Make critical design decisions that demonstrate the broad integration and consideration of sustainable design and building science, building construction processes and assemblies, and fundamental architectural design principles.
- Communicate design ideas and solutions using appropriate verbal, written, graphic, and digital representational media.
- Employ and promote the value of a sustainable built environment, with an understanding of appropriate local, regional, and global perspectives.
- Engage in service to their communities, embracing inclusiveness and understanding of diverse views.