## **ARCHITECTURE (B.S.)**

The Architecture major at Keene State College is a pre-professional fouryear 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)				
Core Courses (36	Credits)			
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		
Architecture Electives:				
Select <b>at least tw</b>	<b>o</b> of the following:	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			

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

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.