

Architectural Science and Systems, Minor

The Minor in Architectural Science and Systems is a four-course curriculum that combines a comprehensive exploration of the full range of building systems with a thorough understanding of the physical phenomena to which they respond. Students investigate the primary component systems of buildings and their synergistic integration, including site, structure, enclosure, environmental comfort, and passive and active energy systems. While technical topics form the core content of these courses, systems thinking is the critical and analytical bond among them.

Minor Requirements

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified.

Only one course can be double counted toward any other major or minor.

Requirements

Code	Title	Hours
Building Systems Required Course		
ARCH 2260	Introduction to Building Systems	4
Building Systems Core		
Complete two of the following:		8
ARCH 2240	Architectonic Systems	
ARCH 3210 or ARCH 5210	Environmental Systems	
ARCH 5230	Structural Systems	
Elective		
Complete one of the following (the third course from the Building Systems Core section above may be taken as an elective):		4
ARCH 5220	Integrated Building Systems	
GE 3300	Energy Systems: Science, Technology, and Sustainability	
SBSY 5200	Sustainable Engineering Systems for Buildings	

GPA Requirement

2.000 GPA required in the minor