

## Building Technology (Architectural Studies students only)

12 credits

This minor provides an intermediate understanding of the theory and principles of systems and technology as applied to buildings. Topics encompass structural systems, loading, and materials; dynamic building systems; and the relationships of structures, environmental systems and building enclosure within a variety of building typologies. Depending on selected fourth course, students will focus on building structures or enclosures, in a theoretical or experimental mode, or on buildings as system components in their environment.

### Required Courses

	<u>Course Title</u>	<u>Pre-requisites</u>
ARCH-304	Structures 2	ARCH-303
ARCH-313	Technology 3: Dynamic Enviro. Systems	ARCH-212
ARCH-314	Technology 4: Advanced Building Analysis	ARCH-313

### **One of the following:**

ARCH-413: Experimental Structures ARCH-304 or AENGR-305

ARCH-414: Experimental Materials ARCH-304 or AENGR-301

ARCH-419: High Performance Bldg Envelope ARCH-304 and ARCH-313

ARCH-426: Design/Build ARCH-212 or LARC-207

LARC-310: GIS for Landscape Arch LARC-201 or ECBIO-301

### LINK TO MINOR FORM:

<http://www.eastfalls.jefferson.edu/successcenter/inc/pdf/advising/DeclaringaMinor.pdf>