

PROPOSED BUILDING TECHNOLOGY SPECIALIZATION

8.28.2024, revised 10.21.2024

Opportunity: With the expansion of the Arch 482/483 requirement to a required Advanced Technology Elective (F23 changes to the BArch curriculum), there is opportunity and a list of applicable coursework to add a new specialization in this area.

Specialization definition: A specialization consists of at least 9 hours in a concentrated field of a student's major field.

BArch Specializations currently available:

- Digital Design
- Architectural History/Theory
- Visual Studies
- Design/Build
- Landscape Architecture

Building Technology Specialization:

Required Courses (pre-requisites):

- Structures Sequence: ARCH 230, ARCH 334, ARCH 335
- ARCH 403 and 404 Environment and Building Systems I and II
- one required Advanced Technology Elective

In addition to the above required courses, take 3 Building Technology Electives (9 cr hrs):

Choose 3 Electives:*

- ARCH 480 (3): Materials and Construction
- ARCH 482 (3): Material: Fibrous
- ARCH 483 (3): Material: Transparent
- ARCH 486 (3): Structures II: Building Design
- ARCH 488 (3): Long-Span and Special Structures
- ARCH 489 (3): Structural Systems for Tall Buildings
- ARCH 494/509 (3): Topics in Advanced Technology
- ARCH 572 (3): Tall Building Technologies I (by permit only)
- ARCH 573 (3): Tall Building Technologies II (by permit only)

*Any additional courses approved for the required BArch Advanced Technology elective would also be applicable to the Specialization.