MASTER OF SCIENCE IN ARCHITECTURE
Option in Mass Timber Design
CURRICULUM MODEL

PROGRAM DESCRIPTION

The Master of Science in Architecture is a post-professional program designed to provide advanced and specialized training within the discipline of architecture for students who desire in-depth, design-based research in areas of practice not offered in traditional professional degree programs at either the undergraduate or graduate level.

The Option in Mass Timber Design is a one-year (three semester) program designed for holders of a professional degree in architecture (Bachelor or Master of Architecture) or its international equivalent, or an equivalent degree in an affiliated discipline.

Through research and design coursework, the program will cultivate leadership in design practice and project realization associated with new technologies in wood and bio-based material systems and will prepare students to engage in implementation-based research while working effectively within collaborative, interdisciplinary teams.

SEMESTER ONE: MASS TIMBER TECTONICS

COURSE NO.	COURSE NAME	HRS.
ARCH 7010	Design Studio ▶	6
ARCH 7110	Seminar in Collaborative Design Methods and Process	3
ARCH 7210	Executive Issues: Disciplinary Framework	3
TOTAL CREDIT HOURS		12

SEMESTER TWO: MASS TIMBER ECOLOGIES

COURSE NO.	COURSE NAME	HRS.
ARCH 7020	Research Studio ▶	6
ARCH 7120	Seminar in Design Tectonics	3
ARCH 7220	Executive Issues: Research Methods	3
TOTAL CREDIT HOURS		12

SEMESTER THREE: EXTERNSHIP & CAPSTONE RESEARCH

COURSE NO.	COURSE NAME	HRS.
ARCH 7030	Capstone Studio ▶	6
ARCH 7130	Seminar in Project Communications	3
TOTAL CREDIT HOURS		9

Denotes a course specific to the Option in Mass Timber Design

▶ Professional Fee Charged

DEGREE TOTAL: 33 HOURS

CADC STUDENT SERVICES
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DATE REVISED: December 11, 2025