

Fall 2025 Elective Courses for Master of Architecture Program

The Master of Architecture degree program requires a total of eight (8) elective courses, distributed across five distinct categories:

- 1x Representational Studies Required Elective: select *any* 65__ level course
- 1x Historical/Cultural Studies Required Elective: select *any* 62__ level course
- 1x Technical Studies Required Elective: select *any* 63__ level course
- 3x Architecture Elective: select *any* ARCH-designated elective not already used for a different requirement; three total classes (9 credits) required
- 2x Open Elective: select any graduate-level (e.g. 5000+) course; see below.

Open Electives: The M. ARCH degree requires the completion of two *Open Elective* classes; this represents the most flexible type of elective in the degree program. An *Open Elective* can be fulfilled by completing any graduate level course of the student's choosing that is not already in use for a different requirement; B- or higher grade required. Please consider searching for other content in CAP programs: Architecture (ARCH), Historic Preservation (HIPR), Interior Design (INTD), Landscape Architecture (LDAR), and Urban and Regional Planning (URPL), or other graduate level coursework at the university.

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- **ARCH 6205-001 Affordable Housing Workshop**
 - This course examines housing trends and patterns; supply and demand factors; housing policies; housing challenges (e.g., inequitable distribution, special needs, segregation/discrimination, and homelessness); sociological, demographic, and economic considerations; and the roles of planners and the public and private sectors. *Recommended for students in Studio III or higher.*
 - In-person: Wednesday 2 pm – 4:45 pm
 - *This course is eligible for use toward the Cultural Studies Required Elective OR ARCH Elective OR Open Elective category*
- **ARCH 6233-001 Historic Buildings in Context**
 - This course covers the concept of “historic significance” and develops skills in understanding and professionally utilizing this concept. Procedures and skills are introduced.
 - In-person: Thursday, 6:15 pm – 9:00 pm
 - *This course is eligible for use toward the Cultural Studies Required Elective OR ARCH Elective OR Open Elective category.*
- **ARCH 6270-001 City Design Fundamentals**
 - City Design Fundamentals is a core course in the Master of Urban Design program and a recommended elective for all graduate students at CAP. This interdisciplinary course explores the formation and design of cities, the urban

form and its transformation over time, and the common perspectives shared by planners and designers in contemporary city-building.

- In-person: Tuesday, 2:00 pm – 4:45 pm
- *This course is eligible for use toward the Cultural Studies Required Elective OR ARCH Elective OR Open Elective category.*
- **ARCH 6290-001 Special Topics: Memory in Built Form**
 - In Memory in Built Form, we will explore a history and theory of memory in monuments and memorials. This will not be a traditional history class. We will break down existing monuments and memorials into their component parts and learn how they create meaning. Whose lives are represented in memorials, and whose are not? How should monuments such as those dedicated to Confederate leaders in the American South be addressed? How do designers embed memory into their work? We will examine these critical questions and more.
 - In-Person: Wednesday, 12:30 pm – 3:15 pm
 - *This course is eligible for use toward the Cultural Studies Required Elective OR ARCH Elective OR Open Elective category.*
- **ARCH 6373-500 Introduction to Design Build**
 - Introduces the student to the project delivery methods and the history of these methods both in the United States and the world.
 - Compares Design-Build and integrated project delivery methods with other traditional delivery methods, including Design-Bid-Build, Construction Manager at Risk, and Owner's Agent as Construction Manager.
 - Examines the traditional and current roles of Owner, Architect, Consultants, General Contractor and Subcontractors.
 - Examines previous Architect/Contractor relations and the code of ethics required for emerging trends in Design-Build and Integrated Project Delivery.
 - Examines successful project management and the qualities of leadership, including confidence, vision, knowledge and empowerment.
 - In-Person: Thursday 9:30 am – 12:15 pm
 - *This course is required for the Design Build Certificate; this course is also eligible for use toward the Technological Studies Required Elective OR ARCH Elective OR Open Elective category.*
 - *Please search for this class using “Extended Studies” as the Campus Designation (as opposed to “Denver Campus).*
- **ARCH 6390-001 Special Topics: Technical Sketching**
 - TBD
 - In-Person: Tuesday, 12:30 pm – 3:15 pm
 - *This course is eligible for use toward the Technological Studies Required Elective OR ARCH Elective OR Open Elective category.*
- **ARCH 6390-002 Special Topics: Modelmaking: Materials, Methods, and Fabrication in Design**

- Architectural Model Building will be taught as a critical tool for expressing building design, tectonics, and beauty. Students will learn to articulate overall architectural composition, materiality, structural systems and assembly, details, connections, and aesthetics through their own emerging design voice. Model making will be taught from quick conceptual expressions to finished presentation assemblies.

Hand and digital tools will be applied separately, and as hybrid methodologies. Modeling materials will range from the classics—wood, steel, bio-growth—to experimental sources such as case metal, wax, ceramics, fabric, recycled waste, and others. Eco-modeling methods will support student- and environmental health, and sustainable architectural design.

Effective model building is a valuable skill that can be applied to future courses and further reinforce visual presentation methods. Model building is developed to reinforce Studio, Structures, Sustainability, History, and other courses.

- In-Person: Monday & Wednesday, 11:00 am – 12:15 pm
- *This course is eligible for use toward the Technological Studies Required Elective OR ARCH Elective OR Open Elective category.*

- **ARCH 6530-001 The Classical Elements**

- This course covers ancient and contemporary studies in the practice of proportional systems expressed by the timelessness and traditions of Classical Architecture. Students gain an understanding of the Canon of Classical Orders and rules of Architectonic grammar through graphic exercises and compositions.
- In-person: Wednesday 3:30 pm – 6:15 pm
- *This course is eligible for use toward the Representational Studies Required Elective OR ARCH Elective OR Open Elective category.*

- **ARCH 6590-001 Special Topics: Advanced Digital Techniques**

- The course will build technical literacy through the material investigation of points, lines, vectors, pixels, meshes, voxels, classes, targets and more. Through weekly workshops and tutorials, students will be guided through a series of digital methods and representation tools including rendering, 3D photogrammetry, augmented reality (AR), 360 imagining, Grasshopper plug-ins, AI-machine learning, and object detection programming.
- In-person: Wednesday 12:30 – 3:15 pm
- *This course is eligible for use toward the Representational Studies Required Elective OR ARCH Elective OR Open Elective category.*

- **ARCH 6930 / 6931 Internship I / II**
 - Students who have successfully been hired for internships during the academic term may receive academic credit by enrolling in a for-credit internship course. Please reach out to Jen Skidmore (Jen.Skidmore@ucdenver.edu; they/them/theirs pronouns) CAP Director of Professional Development for more information. Please note: regular tuition charges apply for this course.