

ARCHITECTURAL DESIGN CONCENTRATION (AS DEGREE S0390)

Technology and Health Division Degree S0390

This program prepares students to enter the field of architecture and related areas. The student is provided with an option of direct employment into the field or preparation for transfer to a professional school of architecture. The Design Concentration focuses upon studio-based design projects, drawing, and presentation skills. The student will develop a portfolio of work relevant to their concentration.

This degree requires the completion of General Education coursework plus the following:

Required Courses

Course Prefix	Course Name	Units
ARCH 101	Design I - Elements of Design	4
ARCH 102	Design II - Architectural Design	4
ARCH 121	CADD and Digital Design Media Level I	4
ARCH 122	Architectural Presentations	4
ARCH 142	Architectural Materials and Specifications	4
ARCH 180	Science Concepts for Sustainable Design and Environmental Control	3
ARCH 201	Design III - Environmental Design	4
ARCH 202	Design IV - Sustainable Design Advanced Project	4
ARCH 221	Architectural Rendering and Illustration	3
ARCH 222	Advanced Digital Media, Generative, and Algorithmic Design and Illustration	3
ARCH 280	Structural Design Level I	3
Total Units		40

ENGL 1C, MATH 150, and PHYS 2AG are typically required for transfer to a professional school of architecture. Verify all requirements with the transfer institution.

Architecture Website (<http://www.mtsac.edu/architecture/>)

Program Learning Outcomes

Upon successful completion of this program, a student will be able to:

- Successfully transfer to a four year university in a related major.
- Be employed or seeking employment in the field or in a related area.
- Present and evaluate the pros and cons of particular architectural design alternative solution.

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.

Looking for guidance? A counselor can help. This Guided Pathways for Success (GPS) is a suggested sequence of coursework needed for program completion. It is not an official educational plan. Schedule an appointment (<https://esars2012.mtsac.edu/appointments/counseling/eSARS.asp?WCI=Init&WCE=Settings>) with a counselor or advisor as soon as possible to create an individualized Mountie Academic Plan (MAP) specific to your goals and needs.

Course	Title	Units
Fall Term 1		
ENGL 1A	Freshman Composition	4
ARCH 141 is an advisory course ¹		
	Units	4
Winter Term 1		
AA/S MATH	Meet AA/AS Math Comptcy Req	5
	Units	5
Spring Term 1		
ARCH 142	Architectural Materials and Specifications	4
Certificate: Architectural Design L1 N0466 ⁶		
Submit petition to Admissions Records ^{Submit petition to Admissions Records}		
	Units	4
Summer Term 1		
AA/S BEHAV	Area D-2 Elective Course	3
SPCH 1A	Public Speaking	4
	Units	7
Fall Term 2		
ARCH 280	Structural Design Level I	3
AA/S KINES	Phys Ed (KIN) Activity Course	1
Certificate: Architectural Design Concen. N0467 ⁷		
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	Units	4
Winter Term 2		
AA/S USHIS	Area D-1 Hist/Pol Sc Course	3
AA/S HUM	Area C-2 Humanities Course	3
	Units	6
Spring Term 2		
ARCH 180	Science Concepts for Sustainable Design and Environmental Control	3
AA/S ARTS	Area C-1 Arts Course	3
Certificate: Architectural Design Concen. T0386 ⁶		
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Faculty recommendation: Area C1 Arts: ARCH 250 ⁰		
	Units	6
Summer Term 2		
AA/S SCNCE	Area B-1 or B-2 Science Course	3
AA/S LIFE	Area E Lifelong Undrstg Course	3
Architectural Design Concentration, AS S0390 ⁰		
Submit petition to Admissions Records ^{Submit petition to Admissions Records}		
	Units	6
	Total Units	42