

PROGRAM OVERVIEW

The College of Architecture and Planning (CAP) offers a Bachelor of Science in Architecture (BS ARCH) degree exclusively on the downtown Denver campus. The city of Denver provides a rich environment to explore a diverse historic and cultural world that includes multiple approaches to solving urban and building problems. The degree is a “pre-professional” degree, which will provide fast track entry into the accredited Master of Architecture degree that is required for licensure in the profession.

This degree provides an education in the sciences and humanities in design theory of the built world and its practice. Our graduates will have significant grounding in the science of building and the practice of architecture in a rapidly evolving profession. Our educational goal is to engender active and creative making of architecture along with critical thinking skills. Our graduates will have employment options in entry level architectural practices or related fields of urban design, historic preservation, design-build, construction, and even urban planning. This four-year pre-professional program also prepares you to enter accredited professional Master of Architecture (M Arch) programs across the country as well as graduate programs in Landscape Architecture, Interior Architecture, Urban and Regional Planning, Historic Preservation, and Urban Design.

ACADEMIC ADVISING

Fully admitted students in the BS ARCH program are supported by undergraduate advising housed within CAP Student Services. *Pre-Architecture* students are supported by advisors in the Center for Undergraduate Exploration & Advising.

CAP Undergraduate Advising

CAP_UGAdvising@ucdenver.edu

Visit the department website [here](#)

CU Building, 2nd Floor
303-315-1000

Center for Undergraduate Exploration & Advising (CUE&A)

cuea@ucdenver.edu

Visit CUE&A’s website [here](#)

Student Commons Building 1113
303-315-1940

SAMPLE ACADEMIC PLAN OF STUDY

The following academic plan is a *sample* pathway to completing degree requirements for this major. Students should tailor this plan based on previously completed college coursework (e.g., AP, IB, CLEP, dual/concurrent enrollment, and transfer credit), course availability, and individual preferences related to course load, schedules, or add-on programs such as minors or double-majors. **Students deviating from this plan must fulfill course prerequisites and should meet with a CAP academic advisor to confirm degree requirements.**

Year One	Semester 1	16
	ARCH 1110 Intro. to Architecture	3
	ENGL 1020 Composition I	3
	MATH 1110 College Algebra or MATH 1130 Precalculus	4
	First-Year Experience / CU Denver Core	3
	CU Denver Core	3

Semester 2	15-16
ARCH 2230 Architectural History I	3
ENGL 2030 Composition II	3
MATH 1120 College Trig. or CU Denver Core Bio/Phys. Sci.	3 / 4
CU Denver Core	3
CU Denver Core	3

Year Two	Semester 3	14
	ARCH 3130 Construction Practices: Material & Structural Systems	3
	ARCH 3230 Architectural History II	3
	PHYS 2010/2321 College Physics I with Lab	5
	CU Denver Core	3

Semester 4	15
ARCH 2110 Design Studio I	3
ARCH 3430 Construction Practices II: Building Envelope	3
ARCH Elective (<i>ARCH 3801 recommended prior to ARCH 3110</i>)	3
CU Denver Core	3
General Elective	3

Year Three	Semester 5	15
	ARCH 3110 Design Studio II	6
	ARCH 3340 Theory of Structures I	3
	ARCH Elective	3
	General Elective	3

Semester 6	15
ARCH 3120 Design Studio III	6
ARCH 4340 Theory of Structures II	3
ARCH Elective	3
ARCH Elective	3

Year Four	Semester 7	15
	ARCH 4110 Design Studio IV	6
	ARCH 3330 Building Systems I	3

Semester 8	15
ARCH 4120 Design Studio V	6
ARCH 4440 Building Systems II	3

ARCH Elective	3
General Elective	3

ARCH Elective	3
General Elective	3

PROGRAM REQUIREMENTS & POLICIES

Students are responsible for meeting with a CAP academic advisor to confirm degree requirements and progress made toward degree completion. Students fulfilling the BS ARCH degree are required to complete the following minimum program requirements (full information available at catalog.ucdenver.edu):

- 1) Students must complete a minimum of 120 credit hours.
- 2) Students must maintain at least a 2.0 University of Colorado cumulative grade point average to remain in good standing.
- 3) A total of at least 45 upper-division (3000/4000 level) credits is required.
- 4) Students must complete a minimum of 30 credit hours from CU Denver, including design studios III, IV, and V.
- 5) Students must repeat *required* architecture core courses in which a grade lower than C- is earned in order to fulfill requirements. ARCH electives are not included; see degree plan for more details.

Courses	Credits	Notes
Course pre-requisites change regularly. Students are responsible for consulting advisors and the class schedule in the student portal for pre-requisite information.		
Required CU Denver Core Curriculum Coursework	36 - 37	See CU Denver Core Curriculum Guide
General Elective Coursework	11 – 12	• Assumes completion of Foreign Language Proficiency.

Required BS ARCH courses:	54	
MATH 1130 Precalculus or MATH 1110 College Algebra (or MATH 1108 & 1109 combo) & MATH 1120 College Trigonometry	4 - 7	• Fulfills CU Denver Core Mathematics with C- or higher; MATH 1110 & MATH 1120 jointly fulfill CU Denver Core Biological/Physical Sciences non-Lab requirement.
PHYS 2010 College Physics I & PHYS 2321 College Physics Lab I	5	• Fulfills CU Denver Core Biological/Physical Sciences with Lab requirement. • Pre-requisite: C- or better in MATH 1110 & MATH 1120, or MATH 1130
ARCH 1110 Introduction to Architecture	3	
ARCH 2230 Architectural History I	3	• Pre-requisite: ENGL 1020 or higher is preferred.
ARCH 3230 Architectural History II	3	• Pre-requisite: ARCH 2230
ARCH 2110 Design Studio I	3	
ARCH 3110 Design Studio II*	6	• Pre-requisite: ARCH 2110 (C- or higher)
ARCH 3120 Design Studio III*	6	• Pre-requisite: ARCH 3110 (C- or higher)
ARCH 4110 Design Studio IV*	6	• Pre-requisite: ARCH 3120 (C- or higher)
ARCH 4120 Design Studio V*	6	• Pre-requisite: ARCH 4110 (C- or higher)
ARCH 3130 Construction Practices I: Material & Structural Systems	3	
ARCH 3430 Construction Practices II: Building Envelope	3	• Pre-requisite: ARCH 3130
ARCH 3330 Building Systems I*	3	• Pre-requisite: sophomore standing or higher; BS ARCH math and physics complete
ARCH 4440 Building Systems II*	3	• Pre-requisite: sophomore standing or higher; BS ARCH math and physics complete
ARCH 3340 Theory of Structures I*	3	• Pre-requisite: sophomore standing or higher; BS ARCH math and physics complete
ARCH 4340 Theory of Structures II*	3	• Pre-requisite: ARCH 3340
BS ARCH Electives * Any CAP courses (ARCH / LDAR / URPL) numbered 3000-4999 that are NOT listed above.	18	• Check individual courses for pre-requisites; please consult CAP Advising to discuss applicable transfer coursework.
Total Program Hours:	120	

*Course reserved for fully admitted BS ARCH students, only.



ARCHITECTURE

Bachelor of Science (B.S.) – Catalog Year 2020-2021

CAREER RESOURCES

Are you interested in learning about career and occupational options for this major? Visit the CU Denver Career Center located in the Tivoli Student Union (TV) Suite 339, 303-315-7315 or careercenter@ucdenver.edu, to speak with a career counselor. Admitted BS ARCH students are also encouraged to connect with CAP's career and professional resource to discuss individual career goals; please call 303-315-1000 to arrange an appointment. Additional resources may be found at www.onet.org, www.ncarb.org, and www.aia.org.