

# **ARCHITECTURE – Architectural Studies**

Bachelor of Science (B.S.) - Catalog Year 2022-2023

#### FOR TRANSFER STUDENTS

### **PROGRAM OVERVIEW**

The Department of Architecture at the University of Colorado Denver offers a pre-professional Bachelor of Science in Architecture degree program, and students may choose one of two curricular tracks: The **Architectural Design Track** and the **Architectural Studies Track**.

The **Architectural Design Track** is for students who desire additional Design Studios to hone their design skills. This track also prescribes additional history and technical course work to support design thinking and application.

The **Architectural Studies Track** offers students a less prescribed path, with greater freedom to shape the direction of their studies in the senior year. Based on individual interests and projected career paths, students who choose this track will have the opportunity to focus on one or more areas of study in architecture and/or allied disciplines. These include architectural history/theory, technology, and/or visualization, among other options.

Both tracks will allow students to complete a four studio-track professional Master of Architecture degree (MArch) at CU Denver and pursue a professional career in architecture. In addition to offering a strong foundation in architecture, both the Architectural Design and the Architectural Studies tracks prepare students to pursue graduate studies and future careers in allied design disciplines, including Digital Design (games and animation), Industrial Design, Graphic Design, Landscape Architecture, Urban Design, and Real Estate Development, among others.

Both tracks prepare students for admission to a two-year (minimum) accredited graduate architecture degree program in the United States, Canada, or compatible degree programs internationally. Advanced standing in a Master of Architecture program can be maximized in either track by selecting elective courses in technical studies and professional practice typically recognized by accredited graduate architecture degree programs. **Students should meet with a CAP academic advisor for guidance on determining which track is best suited for their academic and professional goals, as well as their plans to transfer to CU Denver.** 

#### **ACADEMIC ADVISING**

Fully admitted students in the BS ARCH program are supported by undergraduate advising housed within CAP Student Services. *Pre-Architecture* (CLAS) students must meet with an advisor in the Center for Undergraduate Exploration and Advising (CUE&A) each semester before they can register for classes.

For questions related to CU Denver Core Curriculum, BS ARCH, general graduation requirements, university/college academic policies, evaluation of transfer coursework in the major, and campus resources contact:

**CAP Undergraduate Advising** 

CAP UGAdvising@ucdenver.edu
Visit the department website here
CU Building, 2<sup>nd</sup> Floor
303-315-1000

Students admitted to the College of Liberal Arts & Sciences as Pre-Architecture are required to meet with an advisor in the Center for Undergraduate Exploration & Advising (CUE&A).

Center for Undergraduate Exploration & Advising (CUE&A)

CUEA@ucdenver.edu
Visit the CUE&A website here
Student Commons Building 1113
303-315-1940

For questions about admission requirements, transfer policies, applying, and the transfer process contact:

**Undergraduate Admissions** 

Admissions@ucdenver.edu
Visit the Transfer Admissions website here
Student Commons 1005
303-315-2601

## **PROGRAM REQUIREMENTS & POLICIES**

The following program requirements are based on degree requirements for the current Catalog year at CU Denver and are subject to change. Students are responsible for completing degree requirements based on the Catalog year for which they are admitted.

Students are responsible for meeting with a CAP academic advisor to confirm major requirements and progress made toward degree completion. Students completing the B.S. in Architecture degree are required to complete the following minimum program requirements (full information available at <u>catalog.ucdenver.edu</u>):

- 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 39 upper-division (3000/4000 level) credits is required.
- 4) Students must complete a minimum of 30 credit hours from CU Denver, including at least three design studios.
- 5) Students must repeat *required* architecture core courses in which a grade lower than C- is earned in order to fulfill requirements. CAP and ARCH electives are not included; see degree plan for more details.



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## COURESWORK THAT CAN BE COMPLETED AT PREVIOUS INSTITUTION

The following is a set of courses that students can complete prior to transferring to CU Denver, and is dependent upon the students home college offerings. To determine the equivalencies of courses to be completed at non-CU Denver institutions, students can visit <a href="www.transferology.com">www.transferology.com</a>. It is critical students connect with a CU Denver CAP academic advisor to ensure planned courses will transfer and apply to CU Denver degree requirements. All non-CU Denver course work must be completed with a C- or better to be eligible for transfer. NOT ALL CCCS Equivalent classes are available at every CCCS campus. Please work closely with your academic advisor to discuss course availability at your specific campus.

	Requirements	CCCS Equivalent	CRS		Requirements	CCCS Equivalent	CRS
d)	ENGL 1020	GT-CO1 or GT-CO2	3		MATH 1120 College Trigonometry	MAT 1420 College Trigonometry	3
	ENGL 2030	GT-CO2 or GT-CO3	3		ARCH 1110 Intro to Architecture	AEC 1100 Intro to Design Theory	3
or	Mathematics (College Algebra or higher)	GT-MA1 (MAT 1340 College Algebra)	4		ARCH 3130 Const. Prac.: Mat & Str. Sys.	AEC 1009 OR AEC 1510 Bldg Materials I	3
Ő	Science with Lab	GT-SC1 (PHY 1111)	5	ajo	ARCH 3430 Cons. Prac.: Bldg. Envelope	AEC 2009 Bldg Materials II	3
Vel	Arts	GT-AH	3	≥	ARCH Elective 1	Consult ARCH Elective list below	3
en	Humanities	GT-AH	3	돐	ARCH Elective 2	Consult ARCH Elective list below	3
CU De	Behavioral Sciences	GT-SS	3	IR(	ARCH Elective 3	Consult ARCH Elective list below	3
	Social Sciences	GT-HI	3	Ø	ARCH Elective 4	Consult ARCH Elective list below	3
	International Perspectives	Additional GT-AH, HI, SS	3				
	Cultural Diversity	CCCS Courses will not fulfill this requirement					
	CAP Foreign Language Proficiency	FOL 1011 and FOL 1012*					
	Total Credit Hours		30		Total Credit Hours		24

<sup>\*</sup>CAP Foreign Language Proficiency Requirement This plan assumes completion of the CAP Foreign Language Proficiency requirement through non-curricular means (e.g. completion of level II high school coursework, satisfactory proficiency test, or experiential waiver). Please contact CAP Advising to learn more about your options to complete this requirement, if actual coursework is needed.

# ARCH Elective coursework: Select up to 12 credit hours from the following courses to apply as ARCH electives; only 3 credits max. may be transferred from CAD coursework.

AEC 1210, Basic Architectural Drafting (4 cr.)	AEC 2540, Elementary Site Planning (3 cr.)	CAD 1102, Computer-Aided Drafting II (3 cr.)
AEC 1220, Architectural Drawing Theory (4 cr.)	AEC 2300, Sustainable Building Systems (3 cr.)	CAD 1104 , CAD for Architecture (3 cr.)
AEC 1231, Residential Construction Drawing (4 cr.)	AEC 2310, LEED Exam Preparation (3 cr.)	CAD 1110, Sketchup (3 cr.)
AEC 1250, Arch Design & Modeling (4 cr.)	AEC 2410, Applied Statics and Strengths (3 cr.) -or-AEC 2411,	CAD 1115, Rhino (3cr.)
AEC 1520, Construction Materials and Systems (3 cr.)	Applied Structural Analysis (3 cr.)	CAD 2220, Revit Architecture (3 cr.)
AEC 1600, Construction Practices & Documents (2 cr.)	AEC 2550, Building Electrical/Mech. Systems (3 cr.)	CAD 2204, AutoCAD Architecture (3 cr.)
AEC 1232, Commercial Construction Drawing (4 cr.)	AEC 2230, Architectural Design & Development (4 cr.)	CAD 2221, Advanced Revit Architecture (3 cr.)
AEC 1110, History of Architecture (3 cr.)	AEC 2640, Contracts & Legal Environment (3 cr.)	IND 1100, Interior Design Fundamentals (4 cr.)
AEC 2010, Building Env Systems II (3 cr.)	AEC 2700, International Building Codes (3 cr.)	IND 1102, History of Interior Design (3 cr.)
AEC 2520, Building Env Systems I (3 cr.)	AEC 2930, Professional Workplace Skills & Presentations (3 cr.)	IND 2204, Estimating Interior Materials (3 cr.)
		IND 2300, Interior Construction (3 cr.)



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# SAMPLE PLAN - COURSEWORK TO BE COMPLETED AT PREVIOUS INSTITUTION

The sample academic plan of study below is a sample pathway to completing the bucket of courses above prior to transferring. Students must work with their community college advisor to create an academic plan that accounts for course availability and sequencing at the home campus, previously completed college coursework (e.g., AP, IB, CLEP, etc.), summer term courses, part-time or full-time student status, etc. **Not all courses shown in the bucket will be available at all CCCS campuses.** 

	Semester 1		CRS
	CU Denver Requirements	CCCS Requirements	
ne	ENGL 1020 – Core Composition I	GT-CO1 or GT-CO2	3
0	CU Denver Core Mathematics	GT-MA1 Course – MAT 1340 C. Algebra	4
ar	ARCH 1110 Intro to Architecture	AEC 1100 Intro to Design Theory	3
Yea	CU Denver Core Social Science	GT-SS1-3 Course	3
	General Elective	ART 1201 Drawing I recommended	3
	Total Credit Hours		16

Semester 2		
CU Denver Requirements CCCS Requirements		
ENGL 2030 – Core Composition II	GT-CO2 (with GT-CO1) or GT-CO3 (with GT-CO2)	3
MATH 1120 College Trigonometry	MAT 1420 College Trigonometry	3
CU Denver Core Humanities	GT-AH1-4 Course	3
ARCH Elective	Select course from ARCH Elective list	3
ARCH Elective	Select course from ARCH Elective list	3
Total Credit Hours		

	Semester 3		CRS
	CU Denver Requirements	CCCS Requirements	
NO W	PHYS 2010 & PHYS 2321 College Physics	PHY 1111 Algebra-based Physics w/Lab	5
$\vdash$	CU Denver Core Arts	GT-AH1-4 Course	3
ar	CU Denver Core Behavioral Science	GT-SS1-3 Course	3
Yeal	ARCH 3130 Materials & Struct. Systems	AEC 1009 or 1510 Bldg Materials I	3
	Total Credit Hours		14

Semester 4		
CU Denver Requirements CCCS Requirements		
CU Denver Core Science non-Lab	GT-SC2 Course	3
CU Denver Core International Perspectives	GT- HI Course	3
ARCH 3430 Building Envelope	AEC 2009 Bldg Materials II	3
ARCH Elective	Select course from ARCH Elective list	3
ARCH Elective	Select course from ARCH Elective list	3
Total Credit Hours		

## SAMPLE PLAN FOR BS ARCH: ARCH STUDIES TRACK, COURSEWORK TO BE COMPLETED AT CU DENVER

This plan maps to the BS ARCH – Architectural Studies track; students may complete the BS ARCH – Architectural Design track, but doing so will involve two additional semesters of studio classes, at minimum. Assuming successful completion of the complete set of courses outlined above of, students would have the following remaining to complete at CU Denver. At CU Denver, students must tailor this plan based on the evaluation of previously completed college coursework (e.g., AP, IB, CLEP, dual/concurrent enrollment, and transfer credit), course availability, individual preferences related to course load, summer term courses, part-time or full-time student status, or add-on programs such as minors or double-majors. PE Prerequisite Enforced PR Prerequisite Recommended

	Semester 5	CRS
ee	CU Denver Core Cultural Diversity	3
hre	ARCH 2111 Design Studio I PE	6
Ļ	ARCH 1711 Visualization I PE	3
eal	CAP Elective PE	3
>		
	Total Credit Hours	15

Semester 6	
ARCH 2121 Design Studio II PE	6
ARCH 2230 Architectural History I	3
ARCH 1721 Visualization II PE	3
ARCH Elective PE	
Total Credit Hours	15

Year Four	Fall	CRS
	ARCH 3111 Design Studio III PE	6
	ARCH 3230 Architectural History II PE	3
	CAP Elective PE	3
	General Elective	3
	Total Credit Hours	15

Spring	
ARCH 3121 Design Studio IV PE	6
CAP Elective PE	3
CAP Elective PE	3
General Elective	3
Total Credit Hours	15