

College of the Canyons 4 Year Roadmap

Bachelor of Science in Building Performance Degree

Semester 1 – Fall (when feasible, begin earlier at Semester 0 – Summer)

Course	Units
ARCHT 110 - Architectural Drafting	3
ARCHT 120 - Design I - Elements of Architectural Design	3
ARCHT 160 - 2-D CAD for Architecture and Interior Design (AutoCAD)	3
CSU General Education Area A-1 - COMS-120 Small Group Communication	3
CSU General Education Area A-2 – ENGL-101 English Composition	4
Total Units	16

Winter Intersession

ARCHT 260 - 3-D Modeling and Rendering	3
CSU General Education Area D + AIR – POLISC-150 Intro to American Government and Politics	3

Semester 2 - Spring

ARCHT 190 - Design II – Space Planning	3
ARCHT 200A - Sustainable Development and Environmental Design	3
ARCHT 200B - Design III – Environmental Design Lab	3
CSU General Education Area B-4 - Math 100 Liberal Arts Math or Math 102/X Trigonometry	3
Total Units	12

Summer Intersession

CSU General Education Area C-1 - ARCHT 115 History of Architecture	3
CSU General Education Area E – HLHSCI-100 Health Science	3

Semester 3 - Fall

ARCHT 280 - Design IV – Advanced Architectural Design	3
CSU Gen. Ed. Area A-3 - ENGL-103 or COMS-225 Critical Read, Write, Thinking/Argumentation	3
CSU Gen. Ed. Area B-1 - PHYSIC 101 or 110 Intro to Physics/General Physics I	4
CSU Gen. Ed. Area B-2 - ANTHRO-101 Physical Anthropology + B-3 ANTHRO-101L Anthro. Lab	4
Total Units	14

Winter Intersession

ARCHT 240 - Architectural Portfolio	3
CSU General Education Area D + AIR – ECON-170 Economic History or the United States	3

Semester 4 - Spring

ARCHT 140 - Materials and Methods of Construction	3
ARCHT 180 - Codes and Zoning Regulations	3
CSU General Education Area C-2 – PHILOS-111 History of Modern Philosophy	3
CSU General Education Area C-3 – ARCHT-114 History of Architecture	3
CSU General Education Area F - ETHNST-102 Intro to Chicana/o/x Studies	3
Total Units	15

APPLY FOR ADMISSIONS INTO BACHELOR OF SCIENCE IN BUILDING PERFORMANCE DEGREE PROGRAM

(See reverse side for Semester 5-8 coursework)

This document represents one possible pathway for completing the entire Bachelor of Science in Building Performance degree program and is for reference only. Please refer to the current College of the Canyons Catalog for specific degree requirements. For alternate course selection recommendations or course equivalency assessment, please schedule an advising appointment with the Architecture and Interior Design Department Chair (Jason.Oliver@canyons.edu)

Bachelor of Science in Building Performance Degree

Semester 5 – Fall

Course	Units
ARCHT 100 - Careers in Architecture, Interior Design and Related Fields	1
ARCHT 250 - Intro to Sustainable Building Certification Systems	3
ARCHT 270 - Intro to Building Information Modeling (BIM)	3
CONST 101 - Intro to Construction & Construction Engineering	2
BSBP General Education - BIOSCI-330 Environmental Biology in a Changing World	3
Total Units	12

Winter Intersession

CONST 103 - Blueprint Reading	3
-------------------------------	---

Semester 6 - Spring

ARCHT 290 - Advanced Building Information Modeling (BIM)	3
ARCHT 317 - Regulatory Compliance Documentation - Residential	3
ARCHT 320 - Biodiverse Landscaping and Climate Appropriate Irrigation	3
ARCHT 350 - Environmental Control Systems for Net-Zero Buildings	3
Total Units	12

Semester 7 - Fall

ARCHT 370 - Building Energy Modeling	3
ARCHT 417 - Advanced Regulatory Compliance Documentation – Non-Residential	3
ARCHT 450 - Advanced Sustainable Building Certification Systems	3
CONST 102 - Construction Management Principles	3
Total Units	12

Semester 8 - Spring

ARCHT 490 - Integrative Process for Sustainable Building	3
WE 486 ARCH Work Experience Education	3
BSBP General Education - HIST 450 - World Environmental History	3
BSBP General Education - PHILOS 450 - Environmental Ethics in a Changing World	3
Total Units	12

Bachelor of Science in Building Performance Degree	Total Units¹	126
---	--------------------------------	------------

¹ Total unit count may exceed 120 unit minimum required for earning the Bachelor of Science in Building Performance degree. This difference reflects each student's individual selection of lower division General Education courses, either to meet the California State University (CSU) System General Education Transfer Requirements or the California Community College Associate Degree level General Education requirements.

This document represents one possible pathway for completing the entire Bachelor of Science in Building Performance degree program and is for reference only. Please refer to the current College of the Canyons Catalog for specific degree requirements. For alternate course selection recommendations or course equivalency assessment, please schedule an advising appointment with the Architecture and Interior Design Department Chair (Jason.Oliver@canyons.edu)