

# ARCHITECTURE

## Associate in Science

### Transfer Preparation \* (Major Code: 01940)

Designed to provide the student with the creative problem-solving skills and critical thinking processes necessary to successfully complete upper-division baccalaureate work leading to the professional bachelor of architecture degree.

The curriculum fulfills most of the first and second year requirements at some CSU, UC, and other baccalaureate institutions.

Academic placement at the transfer institution is based upon evaluation of a portfolio of the student's work. Students will be required to develop a portfolio of their work for purposes of evaluation by the transfer institution.

The courses listed are the architecture courses required to obtain the associate degree in architecture. Students wishing to transfer to the California State University should follow, General Education Breadth Requirement California State University. Students should review specific course requirements of the transfer institution and consult with a counselor as to which courses taken at Southwestern College will articulate to their chosen college.

## Program Student Learning Outcomes

- Develop and expand their technological skill-set and professional practices through the use of state-of-the-art equipment and software consistent with our profession.
- Enhance their international perspective by direct involvement in classroom discussions, design programs, design projects, historical design issues and cultural and social perspectives that are global in scope, including issues of sustainability and environmental sensitivity.
- Develop a greater sense of self-awareness and interpersonal skills by required participation in team projects.
- Further enhance critical communication skills by requiring them to express not only their solution to design problems, but also demonstrating the process of arriving at these solutions, orally, graphically and three-dimensionally to professionals and fellow students.
- Develop critical thinking skills in a problem/project based curriculum that requires solving spatial, social, engineering and sustainable design problems by developing creative and individual solutions.

Course	Title	Units
<b>First Semester</b>		
ARCH 101	INTRODUCTION TO ARCHITECTURE AND ENVIRONMENTAL DESIGN	1
ARCH 110	FREEHAND DRAWING FOR DESIGNERS	2
ARCH 115	GRAPHIC COMMUNICATION FOR ARCHITECTS AND DESIGNERS	3
ARCH 150	ARCHITECTURAL DESIGN I	5
<b>Units</b>		<b>11</b>
<b>Second Semester</b>		
ARCH 112	ARCHITECTURAL RENDERING	3
ARCH 151	ARCHITECTURAL DESIGN II	3

ARCH 165	ARCHITECTURAL PRACTICE I	3
<b>Units</b>		<b>9</b>
<b>Third Semester</b>		
ARCH 200	INTRODUCTION TO COMPUTER AIDED DESIGN	3
or	ARCH 201	or BEGINNING BUILDING INFORMATION MODELING
ARCH 235	STRUCTURES	3
ARCH 252	ARCHITECTURAL DESIGN III	3
ARCH 265	ARCHITECTURAL PRACTICE II	3
ARCH 120	PORTFOLIO DEVELOPMENT FOR ARCHITECTS AND DESIGNERS	1
<b>Units</b>		<b>13</b>
<b>Fourth Semester</b>		
ARCH 222	ENVIRONMENTAL CONTROLS	2
ARCH 253	ARCHITECTURAL DESIGN IV	3
ARCH 266	ARCHITECTURAL PRACTICE III	2
<b>Units</b>		<b>7</b>
<b>Total Units</b>		<b>40</b>

Code	Title	Units
<b>Recommended Electives</b>		
ARCH 204	ADVANCED BUILDING INFORMATION MODELING	3
ARCH 205	ADVANCED ARCHITECTURAL CAD	3
ARCH 208	WORLD ARCHITECTURE I	3
ARCH 210	WORLD ARCHITECTURE II	3

\* Students planning to transfer to a four-year college or university should complete courses specific to the transfer institution of choice. University requirements vary from institution to institution and are subject to change. Therefore, it is important to verify transfer major preparation and general education requirements through consultation with a counselor in either the Counseling Center or Transfer Center. See catalog Transfer Courses Information (<http://catalog.swccd.edu/student-success-support-program/student-services-and-college-services/other-services/transfer-courses/>) section for further information.

To earn an associate degree, additional general education and graduation requirements (<http://catalog.swccd.edu/certificates-certifications-degrees-csuuc-requirements/>) must be completed.