ARCHITECTURE, ASSOCIATE IN SCIENCE DEGREE

Banner Code: 1_AS_ARCH
Control Number: 14409
Financial Aid Eligible

The Architecture Associate in Science degree provides courses to help develop students understanding of the concepts, skills and competencies necessary for further study in the field. The program prepares students in the areas of critical thinking, design, and visual communication. Students who are interested in transfer to a university professional program in Architecture and/or related Environmental Design should contact an OCC counselor for assistance in additional course preparation.

Program Outcome

Student will be able to demonstrate critical thinking, design, and visual communication as related to architecture.

Review Graduation Requirements (https://catalog.cccd.edu/orange-coast/graduation-requirements/associate-degree/) and General Education (https://catalog.cccd.edu/orange-coast/general-education-patterns/).

Course	Title	Units
Required Courses		
Core Courses		
ARCH A105	Architectural Drawing and Design Visualization 1	2
ARCH A110	Introduction to Architecture	2
or ARCH A110H	Introduction to Architecture Honors	
ARCH A115	Architectural Design and Theory 1	4
ARCH A205	Architectural Drawing and Design Visualization 2	3
ARCH A215	Architectural Drawing and Design Theory 2	4
Restricted Electives		
Select a minimum of three units from the following:		3-5
ARCH A180	Architectural Construction Documents	
ARCH A185	Environmental Design Systems	
ARCH A220	Building Materials and Systems	
ARCH A230	Architectural Design and Theory 3	
ARCH A290	History of Architecture 1	
or ARCH A290H	History of Architecture 1 Honors	
ARCH A296	History of Architecture 2	
or ARCH A296H	History of Architecture 2 Honors	
Total Units		**18-20**

Requirement	Units
Program Major Units	18-20
AS General Education Option 1, 2, or 3	Varies
Transferable electives to satisfy unit requirement	Varies
Total Minimum Degree Units	60

Program Sequence

These sequences at Orange Coast College are general course curriculum maps for students to finish all major and general education requirements for two-year completion of degrees, and/or fulfillment of transfer requirements. The course sequence may include course prerequisites and other placement requirements. **Students are advised to meet with an Orange Coast College Counselor to review course selections and sequences to ensure that completion of this program will meet a student's transfer and career goals.**

Course	Title	Units
Year 1		
Semester 1		
ARCH A105	Architectural Drawing and Design Visualization 1	2
ARCH A110	Introduction to Architecture	2
OCC AS GE AREA A1 - CHOOSE ONE		3
OCC AS GE AREA C1 - CHOOSE ONE		3
Select one of the following or satisfy Math competency (completion of High School Algebra 2 with a "C" or better):		3-4
MATH A030 or MATH A045	Intermediate Algebra (or higher) [1] or Combined Elementary and Intermediate Algebra	
	Units	**13-14**
Semester 2		
ARCH A115	Architectural Design and Theory 1	4
ARCH A205	Architectural Drawing and Design Visualization 2	3
AS RESTRICTED ELECTIVE – CHOOSE ONE (See Requirements)		3
OCC AS GE AREA A2 – CHOOSE ONE [2]		3-4
OCC AS GE AREA C2 - CHOOSE ONE		3
	Units	**16-17**
Year 2		
Semester 1		
ARCH A215	Architectural Drawing and Design Theory 2	4
OCC AS GE AREA D - CHOOSE ONE		3
ELECTIVE (DEGREE APPLICABLE) UNITS		9
	Units	**16**
Semester 2		
OCC AS GE AREA B - CHOOSE ONE		3-4
ELECTIVE (DEGREE APPLICABLE) UNITS [3]		12
	Units	**15-16**
	Total Units	**60-63**

[1]

Math A120 recommended; Math A030 or higher OR take 3-4 degree applicable elective units if math competency was met through completion of High School Algebra 2 with a "C" or better; *100-level Math courses satisfy AS Math Requirement and OCC AS GE AREA A2

[2]

OCC AS GE AREA A2 - Required if 100-level MATH was not taken to meet Math competency. If MATH A100 or higher was taken, then needs to take 3-4 degree applicable elective units

3

VARIES TO REACH MINIMUM 60 DEGREE APPLICABLE UNITS