CalPolyPomona

Name: _____

Plan: **Architecture, B.Arch.**

SubPlan/Option: _____

Min. Units Required: **150 units**

**2021-2022 University Catalog
Degree Curriculum Sheet**

Major Required — 118 units

ARC1010 - Introduction to Architectural Design Theories and Methods (3) (E)
ARC1020 - Visual Literacy and Civilization: An Architect's View (2) (C2)
ARC1022A - Visual Literacy and Civilization: An Architect's View Activity (1) (C2)

ARC3610 - World Architecture before the Renaissance (2) (C1) *and*
ARC3612 - World Architecture before the Renaissance Discussion (1) (C1)
OR
AH2301 - World Art: Prehistory through Medieval Europe (3) (C1)

ARC4630 - Interpreting Architecture (3) (C3)
COM2204 - Advocacy and Argument (3) (A1)
ENG2105 - Written Reasoning (3) (A3)
MAT1060 - Trigonometry (3) (B4)
PHY1210 - Physics of Motion, Fluids, and Heat (3) (B1)
PHY1210L - Physics of Motion, Fluids, and Heat Laboratory (1) (B3)

Architecture Studios
ARC1011A - Foundation Design 1 Activity (4)
ARC1021A - Foundation Design 2 Activity (4)
ARC2011A - Second Year Design 1 Activity (4)
ARC2021A - Second Year Design 2 Activity (4)
ARC3011A - Third Year Design 1 Activity (4)
ARC3021A - Third Year Design 2 Activity (4)
ARC4011A - Topics in Architectural Design 1 Activity (4)
ARC4021A - Topics in Architectural Design 2 Activity (4)
ARC4031A - Topics in Architectural Design 3 Activity (4)
ARC4611A - Senior Project Design Activity (5)

Architecture Studio Lectures
ARC1011 - Foundation Design 1 Lecture (1)
ARC1021 - Foundation Design 2 (1)
ARC2011 - Architectural Programming (1)
ARC2021 - Introduction to Sustainable Architectural Design (1)
ARC3011 - Third Year Design 1 (1)
ARC3021 - Third Year Design 2 (1)
ARC4011 - Topics in Architectural Design 1 (1)
ARC4021 - Topics in Architectural Design 2 (1)
ARC4031 - Topics in Architectural Design 3 (1)
ARC4620 - Senior Project Material and Structural Integration (1)

Architecture Lectures/Activities/Discussions
ARC1501A - Foundation Digital Design 1 Activity (1)
ARC1502A - Foundation Digital Design 2 Activity (1)
ARC2501A - Intermediate Digital Design 1 Activity (1)
ARC2502A - Intermediate Digital Design 2 Activity (1)
ARC3010A - Architectural Codes (1)
ARC3020A - Housing and Urban Design Activity (1)
ARC3210 - Structures 1 (2)
ARC3212 - Structures 1 Discussion (1)
ARC3220 - Structures 2 (2)
ARC3222 - Structures 2 Discussion (1)
ARC3310 - Environmental Controls Systems 1 (2)
ARC3312 - Environmental Controls Systems 1 Discussion (1)
ARC3320 - Environmental Controls 2 (2)
ARC3322 - Environmental Controls 2 Discussion (1)
ARC3410 - Building Construction 1 (2)
ARC3412 - Building Construction 1 Discussion (1)
ARC3420 - Building Construction 2 (2)
ARC3422 - Building Construction 2 Discussion (1)
ARC3620 - Architecture from Renaissance through Modern Era (2)
ARC3622 - Architecture from Renaissance through Modern Era Discussion (1)
ARC4400 - Design Development (1)
ARC4402A - Design Development Activity (2)
ARC4501A - Advanced Digital Design 1 Activity (1)
ARC4502A - Advanced Digital Design 2 Activity (1)
ARC4503A - Advanced Digital Design 3 Activity (1)
ARC4610 - Senior Project Research and Programming (3)
ARC4710 - Architectural Practice (2)
ARC4712 - Architectural Practice Discussion (1)
ARC4730 - The Architect and the Development Process (2)
ARC4732 - The Architect and the Development Process Discussion (1)

Major Electives — 9 units

Select 9 units from list. The Department of Architecture offers 8-10 electives per semester.
ARC4110 - Study Abroad Seminar 1 (3)
ARC4120 - Study Abroad Seminar 2 (3)
ARC4130 - China Study Abroad Seminar 1 (3)
ARC4140 - China Study Abroad Seminar 2 (3)
ARC4150 - Topics in Urban Form of the Americas (3)
ARC4160 - Drawing as Theory (2)
ARC4162A - Drawing as Theory Activity (1)
ARC4170 - Advanced Urban Design (3)
ARC4180 - Architecture and Urbanism (3)
ARC4190 - Urbanism and Film (3)
ARC4250 - Advanced Structural Theory (3)
ARC4260 - Advanced Structural Design (3)
ARC4310 - Sustainable Technology (3)
ARC4320 - High Performance Design (3)
ARC4340 - Tools for Sustainability (3)
ARC4350 - Advanced Architectural Lighting (3)
ARC4360 - Advanced Sustainable Design (3)
ARC4370 - Carbon Neutral Architectural Design (3)
ARC4440 - Advanced Architectural Materials Research (3)
ARC4510A - Advanced Digital Modeling Activity (3)
ARC4520A - Advanced Digital Design Media Activity (3)
ARC4530A - Digitally Enhanced Construction and Fabrication Activity (3)
ARC4540A - Interactive Media for Architects Activity (3)
ARC4560A - Animation and Simulation Design Methods Activity (3)
ARC4570 - Robotic Architectural Environments (3)
ARC4640 - American Architecture (2)
ARC4642 - American Architecture Discussion (1)
ARC4650 - Contemporary Architecture (3)
ARC4660 - Architecture as Philosophy (3)
ARC4670 - California Architecture (3)
ARC4680 - Latin American Architecture (3)
ARC4690 - Topics in Southern California Architecture (3)
ARC4700 - Advanced Preservation Design (3)
ARC4740 - Managing a Design Firm (3)
ARC4750 - Teaching Practicum (1-3)
ARC4760A - Neutra VDL Docents Activity (3)
ARC4770A - Archives Practicum Activity (3)
ARC4780 - Indigenous Architecture (3)
ARC4790 - Topics in Preservation (3)
ARC4800 - Architecture and Historic Preservation (3)
ARC4810 - Behavioral Factors in Architecture (3)
ARC4820 - Architectural Programming (3)
ARC4840S - Community Practicum Service Learning (3)
ARC4850 - Design Issues in Housing (3)
ARC4860 - Institutional Environments (3)
ARC4870 - Healthcare Architecture, Planning and Design (3)
ARC4880 - Healthcare Facility Design and Sustainability (3)
ARC4890 - Integrated Project Delivery for Healthcare Facility Design (3)
ARC4990 - Special Topics for Upper Division Students (1-3)
ARC4990A - Special Topics for Upper Division Students Activity (1-3)
ARC4990L - Special Topics for Upper Division Students Laboratory (1-3)

Note(s):

In addition to the required courses of 1 st and 2 nd year, to enter the 3 rd year of the program, students must: Satisfy the Graduation Writing Test
Hold an in-major GPA of 2.0 or greater

Portfolio Review:

In addition to the required courses of 1st and 2nd year, to enter the 3rd year of the program, students must pass a Portfolio Review.

Professional Practice Requirement: 500 hours

Prior to graduation, all students are required to register for NCARB IDP and fulfill 500 hours of internship through NCARB. For more information, please see the department website.

General Education Requirements — 48 Units

Students should view their Degree Progress Report (DPR) for information regarding their General Education requirements. Unless specific GE courses are required for their major, please refer to the list of approved courses in the General Education Program in the University Catalog, catalog.cpp.edu. When viewing the catalog, students should select the catalog year associated with the GE requirements listed in their Degree Progress Report.

Area A. English Language Communication and Critical Thinking (9 units)
At least 3 units from each sub-area
1. Oral Communication
2. Written Communication
3. Critical Thinking

Area B. Scientific Inquiry and Quantitative Reasoning (12 units)
At least 3 units from B1, B2, B4, and B5 including 1 unit of lab from B1 or B2 to fulfill B3
1. Physical Sciences
2. Life Sciences
3. Laboratory Activity
4. Mathematics/Quantitative Reasoning
5. Science and Technology Synthesis

Area C. Arts and Humanities (12 units)
At least 3 units from each sub-area and 3 additional units from sub-areas 1 and/or 2
1. Visual and Performing Arts
2. Literature, Modern Languages, Philosophy and Civilization
3. Arts and Humanities Synthesis

Area D. Social Sciences (9 units)
At least 3 units from each sub-area
1. U.S. History and American Ideals
2. U.S. Constitution and California Government
4. Social Science Synthesis

Area E. Lifelong Learning and Self-Development (3 units)
Area F. Ethnic Studies (3 units)

Interdisciplinary General Education — 18 Units

An alternate pattern for partial fulfillment of GE Areas A, C, and D available for students is the Interdisciplinary General Education (IGE) program. Students should see an advisor for specific GE coursework required by their major. Please refer to the University Catalog General Education Program section for additional information.

How IGE fulfills General Education Requirements:

Year	Completion of IGE Courses	Satisfies GE Requirements
First	IGE 1100, IGE 1200	A2 and C2
Second/Third	IGE 2150, IGE 2250	D1 and C2
	IGE 2350	C1
	IGE 3100	C3 or D4

American Institutions — 6 Units

Courses that satisfy this requirement may also satisfy GE Area D1 and D2.

Graduation Writing Test

All persons who receive undergraduate degrees from Cal Poly Pomona must pass the Graduation Writing Test (GWT). The test must be taken by the semester following completion of 60 units for undergraduates.