

# ARCHITECTURE (BARCH)

## Degree Requirements and Curriculum

In addition to the program requirements listed on this page, students must also satisfy requirements outlined in more detail in the Minimum Requirements for Graduation (<https://catalog.calpoly.edu/academic-standards-policies/general-requirements-bachelors-degree/>) section of this catalog, including:

- 40 units of upper-division courses
- 2.0 GPA
- Graduation Writing Requirement (GWR)
- U.S. Cultural Pluralism (USCP)

Note: No Major or Support courses may be selected as credit/no credit. In addition, no more than 12 units of cooperative or internship courses can count towards your degree requirements.

Code	Title	Units
<b>MAJOR COURSES</b>		
ARCH 1101	Architectural Design I	4
ARCH 1102	Architectural Design II	4
ARCH 1121	Equity, Social Justice, and Architecture (4B) <sup>1</sup>	3
ARCH 1131	Architectural Representation I	2
ARCH 1132	Architectural Representation II	2
ARCH 2201	Architectural Design III	5
ARCH 2202	Architectural Design IV	5
ARCH 2221	History of World Architecture I: Prehistory to 17th Century (3A) <sup>1</sup>	3
ARCH 2222	History of World Architecture II: 17th Century to the Present	3
ARCH 2231	Architectural Representation III	1
ARCH 2232	Architectural Representation IV	1
ARCH 2241	Architectural Technology Fundamentals I	4
ARCH 2242	Architectural Technology Fundamentals II	4
ARCH 3301	Integrated Architectural Design	5
ARCH 3331	Building Information Modeling	2
ARCH 3341	Architectural Systems Integration I	4
ARCH 3342	Architectural Systems Integration II	5
ARCH 4401	Advanced Architectural Design	15
ARCH 4425	Seminar in Architectural History, Theory and Criticism	3
ARCH 4441	Issues in Contemporary Professional Practice	4
ARCH 4460	Senior Architectural Thesis Theory and Research Seminar	3
ARCH 4461	Senior Project: Architectural Thesis I	5
ARCH 4462	Senior Project: Architectural Thesis II	5
<b>SUPPORT COURSES</b>		
ARCE 1121	Structural Principles I	3
ARCE 3301	Introduction to Structural Systems	4
EDES 1123	Place, People, and the Built Environment	3
Select from the following: (2) <sup>1</sup>		3-4
MATH 1007	Precalculus	
MATH 1261	Calculus I	
Select from the following: (5A & 5C) <sup>1</sup>		4
PHYS 1121	College Physics I	
PHYS 1141	General Physics I	
<b>Professional Electives</b>		
Select from the following:		10-11
Select any ARCH, ARCE, ART, CM, CRP, EDES, or LA courses		
Select any courses included in any College of Architecture and Environmental Design minor or any ART minor		

**GENERAL EDUCATION**

(See GE program requirements below) 30

**FREE ELECTIVES**

Free Electives 0

**Total Units** **150**

<sup>1</sup> Required in Major or Support; also satisfies General Education (GE) requirement.

## General Education (GE) Requirements

### General Education (GE) Requirements

- 43 units required, 13 of which are specified in Major and/or Support.
- If any of the remaining 30 Units is used to satisfy a Major or Support requirement, additional units of Free Electives may be needed to complete the total units required for the degree.
- See the complete GE course listing (<https://catalog.calpoly.edu/academic-standards-policies/general-requirements-bachelors-degree/#generaleducationtext>).
- A grade of C- or better is required in one course in each of the following GE Areas: 1A (English Composition), 1B (Critical Thinking), 1C (Oral Communication), and 2 (Mathematics and Quantitative Reasoning).

**Lower-Division General Education**

Area 1	English Communication and Critical Thinking	
1A	Written Communication	3
1B	Critical Thinking	3
1C	Oral Communication	3
Area 2	Mathematics and Quantitative Reasoning	
2	Mathematics and Quantitative Reasoning (3 units in Support) <sup>1</sup>	0
Area 3	Arts and Humanities	
3A	Arts (3 units in Major) <sup>1</sup>	0
3B	Humanities: Literature, Philosophy, Languages other than English	3
Area 4	Social and Behavioral Sciences (Area 4 courses must come from at least two different course prefixes.)	
4A	American Institutions (Title 5, Section 40404 Requirement)	3
4B	Social and Behavioral Sciences (3 units in Major) <sup>1</sup>	0
Area 5	Physical and Life Sciences	
5A	Physical Sciences (3 units in Support) <sup>1</sup>	0
5B	Life Sciences	3
5C	Laboratory (may be embedded in a 5A or 5B course) (1 units in Support) <sup>1</sup>	0
Area 6	Ethnic Studies	
6	Ethnic Studies	3

**Upper-Division General Education**

Upper-Division 2/5	Mathematics and Quantitative Reasoning or Physical and Life Sciences	3
Upper-Division 3	Arts and Humanities	3
Upper-Division 4	Social and Behavioral Sciences (Area 4 courses must come from at least two different course prefixes.)	3

**Total Units** **30**

<sup>1</sup> Required in Major or Support; also satisfies General Education (GE) requirement.