

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
MAJOR COURSES		
ARCH 1101	Architectural Design I	4
ARCH 1102	Architectural Design II	4
ARCH 1121	Equity, Social Justice, and Architecture (4B) ¹	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) ¹	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
SUPPORT COURSES		
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) ¹		3-4
MATH 1007	Precalculus	
MATH 1261	Calculus I	
Select from the following: (5A & 5C) ¹		4
PHYS 1121	College Physics I	
PHYS 1141	General Physics I	
Professional Electives		
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

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

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) ¹	0
Area 3		Arts and Humanities
3A	Arts (3 units in Major) ¹	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) ¹	0
Area 5		Physical and Life Sciences
5A	Physical Sciences (3 units in Support) ¹	0
5B	Life Sciences	3
5C	Laboratory (may be embedded in a 5A or 5B course) (1 units in Support) ¹	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

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