# CAL POLY

# **Bachelor of Architecture**

Suggested 5-Year Academic Flowchart

Updated 5/5/2022

1st YEAR			2nd YEAR			3rd YEAR			4th YEAR			5th YEAR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Design & Visual Com. 1.1 ARCH 131 (4)	Design & Visual Com. 1.2 ARCH 132 (4) (ARCH 131)	Design & Visual Com. 1.3 ARCH 133 (4) (ARCH 132)	Architectural Design 2.1 ARCH 251 (5) (ARCH 133. Coreq: ARCH 241)	Architectural Design 2.2 ARCH 252 (5) (ARCH 241, 251. Coreq: ARCH 242)	Architectural Design 2.3 ARCH 253 (5) (ARCH 242, 252. Coreq: ARCH 207)	Architectural Design 3.1 ARCH 351 (5) (ARCE 212, ARCH 207, 253, PHYS 122 or 132, or Dept. Consent. Coreq: ARCH 341)	Architectural Design 3.2 ARCH 352 (5) (ARCH 341, 351. Coreq: ARCH 307)	Architectural Design 3.3 ARCH 353 (5) (ARCH 307, 352. Coreq: ARCH 342)	Architectural Design 4.1 ARCH 451 (5) (ARCE 316, ARCH 342, 353)	Architectural Design 4.2  ARCH 452 (5)  (ARCE 316, ARCH 342, 353)	Architectural Design 4.3  ARCH 453 (5)  (ARCE 316, ARCH 342, 353)	Senior Architectural Design Project ARCH 481 (5) (ARCH 451, 452, 453)	Senior Architectural Design Project ARCH 481 (5) (ARCH 451, 452, 453)	Senior Architectural Design Project ARCH 481 (5) (ARCH 451, 452, 453)
Survey of Architectural Education and Practice ARCH 101 (1)	Survey of Architectural Education and Practice ARCH 101 (1)	Survey of Architectural Education and Practice ARCH 101 (1)	Architectural Practice 2.1 ARCH 241 (4) (ARCH 133, Coreq: ARCH 251)	Architectural Practice 2.2 ARCH 242 (4) (ARCH 241, Coreq: ARCH 252)	Environmental Control Systems I ARCH 207 (4) (ARCH 242. Concur: ARCH 253)	Architectural Practice 3.1 ARCH 341 (4) (ARCH 242, 253. Coreq: ARCH 351)	Environmental Control Systems 2 ARCH 307 (4) (ARCH 207. Concur: ARCH 352)	Architectural Practice 3.2 ARCH 342 (4) (ARCH 341. Coreq: ARCH 353)	Seminar or Topics in Archictural History ARCH 420 (4)* OR ARCH 320 (4)*			Senior Design Thesis  ARCH 492 (3) (ARCH 451, 452, 453. Concur: 1st qtr of ARCH 481)	Issues in Contemporary Professional Practice ARCH 443 (4) <sup>3</sup> (ARCH 342, 353)	
Principles of Environmental	College Physics I PHYS 121 (4) <sup>1</sup> * OR General Physics IA PHYS 141 (4) <sup>1</sup>	College Physics II PHYS 122 (4) <sup>1</sup> (PHYS 118, 121, 131, or 141) OR General Physics II PHYS 132 (4) <sup>1</sup>	History of World Arch: Prehistory - Middle Ages ARCH 217 (4) <sup>2</sup>	History of World Arch: Middle Ages - 18 <sup>th</sup> Cent. ARCH 218 (4) <sup>2</sup>	History of World Arch: 18 <sup>th</sup> Cent Present ARCH 219 (4) <sup>2</sup>		Introduction to Structural Design  ARCE 315 (4)	Structural Integration in Architecture  ARCE 316 (4)  (ARCE 315,		Professional Elective (4) <sup>4</sup>				
Design									Professional Elective (4) <sup>4</sup>					
(Previous or concur: ARCH 131)														
[D4]	[B3]	[B4]	[C3]	[C] Elective			(ARCE 220)	Concur: ARCH 353)		T	Professional	Elective (4) <sup>4</sup>		1
Calculus I	Calculus for Architecture and		Structures I	Structures II	Introduction to Structural Systems				Professional Elective (4) <sup>4</sup>					
MATH 141 (4) * [B1]	Construction Management MATH 182 (4) (MATH 141)  [B1]	GE (4) **	ARCE 211 (3) (PHYS 121 or 141, MATH 142 or 182)	ARCE 212 (3) (ARCE 211)	ARCE 2	` '	Professional Elective (1) <sup>4</sup>	Professional Elective (1) <sup>4</sup>						
Expository Writing ENGL 133 or 134 (4)** [A1] Can be taken anytime during Freshman Year														
Oral Communication COMS 101 or 102 (4)** [A2] Can be taken anytime during Freshman Year				GE *	(4) *	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **		GE (4) **	GE (4) **	
Reasoning, Argumentation, & Writing [A3] COMS 126, COMS/ENGL 145, ENGL 148, or PHIL 126 (4)** (Completion of GE AI with a C- or better)				3] 26 (4)**										
Can be taken anytime between Winter of Fr			phomore Years.		(Students can attempt	on Writing Requirement GWR* pt to fulfill the requirement after 90 earned units; complete the requirement before senior year)								
17	17	17	16	16	16	13	18	18	13	13	13	12	13	13
	17 17 10 10 10 10 10 10 13 13 13												TOTAL:	225

# Notes:

#### MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET

- \* Refer to current catalog for prerequisites.
- \*\*One course from each of the following GE areas must be completed: A1, A2, A3, B2, C1, C2, C4, D1, D2, D3, D5 and F.
- C4, D5 and F should be taken only after Junior standing is reached (90 units).

# NO ARCH COURSE FOR C4, except ARCH 326.

Refer to online catalog for GE course selection and Graduation Writing Requirement (GWR).

USCP requirement can be satisfied by some (but not all) courses within GE categories: C4, D1, D3, D4, D5 or F.

<sup>1</sup>PHYS 121 and 122 are trigonometry based. PHYS 141 and 132 are calculus based.

<sup>2</sup>ARCH History 217, 218 & 219 can be taken in either 2nd or 3rd year.

<sup>3</sup>ARCH 443 can be taken in 4th year.

<sup>6</sup>Professional Electives: Can be taken at any time. May include: Any EDES, ARCH, ARCE, CM, CRP, LA or ART course. Any course included in any College of Architecture and Environmental Design minor, or the ART minor.

# Legend:

