

2009-11 Cal Poly Catalog
[Architectural Engineering Department](#)

Architectural Engineering Minor

The minor is designed for students wishing to pursue a more in-depth education in structures. The coursework exposes students to analytical, design, and construction issues relevant to the structural design process. Students work with an advisor to develop a sequence of courses that focus on either structural design or structural analysis. The program is tailored for students majoring in architecture, construction management, and civil engineering. Enrollment is limited and acceptance into the program is dependent upon the student's performance in structures-related courses. For architecture and construction management majors, it is recommended that applications be submitted prior to enrolling in ARCE 226. Contact the department for additional information.

Required courses	<i>Units</i>
ARCE 211, 212 Structures I, II.....	3,3
ARCE 223 Mechanics of Structural Elements	4
ARCE 227 Structures III.....	2
ARCE 302 Structural Analysis	4
ARCE 351, 352 Structural Computing Anly I, II.....	1,1
ARCE 371 Structural Systems Laboratory	3
CSC 231 Programming for Engineering Students ...	2
Electives	6
Select from the following: ARCE 303, 304, 305, 306/353, 372, 444, 446, 451	
	29