

## 2011-13 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 select 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. Contact the department for additional information.

Required courses	Units
ARCE 211, 212 Structures I, II.....	3,3
ARCE 223 Mechanics of Structural Members.....	3
ARCE 226 Structural Systems for Architects .....	3
ARCE 315 Small Scale Structures .....	4
ARCE 316 Large Scale Structures .....	4
Select either Analysis <i>or</i> Design Option .....	8-9
<i>Analysis Option</i>	
ARCE 227 Structures III (2)	
ARCE 302 Structural Analysis (4)	
Select one from: ARCE 303, 304 or 305 (2-3)	
<i>Design Option</i>	
ARCE 303 Steel Design I (3)	
ARCE 304 Timber Design (3)	
ARCE 305 Masonry Design (2)	
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