

MINOR IN STRUCTURAL ENGINEERING

Minor in Structural Engineering

The minor in Structural Engineering is intended for students in engineering who desire additional knowledge in the structural or geotechnical engineering areas and whose current major is complementary to these topics.

The minor in Structural Engineering is not open to students pursuing the Civil Engineering degree.

Minor in Structural Engineering Requirements

Students must complete a minimum of 20 units and 5 courses with a Pacific minor grade point average of 2.0 in order to earn a minor in structural engineering. At least 10 units must be taken at Pacific.

CIVL 100	Structural Engineering	4
ENGR 121	Mechanics of Materials	3
Select one of the following: *		4
CIVL 164	Structural Timber Design	
CIVL 165	Structural Steel Design	
CIVL 166	Reinforced Concrete Design	
Select at least two of the following:		8
CIVL 140	Geotechnical Engineering	
CIVL 141	Earth Structure Design	
CIVL 145	Engineering Geology	
CIVL 151	Construction Engineering	
CIVL 160	Structural Analysis	
CIVL 163	Introduction to Earthquake Engineering	
CIVL 164	Structural Timber Design	
CIVL 165	Structural Steel Design	
CIVL 166	Reinforced Concrete Design	
CIVL 173	Sustainable Engineering	
ENGR 110	Instrumentation and Experimental Methods	
MECH 129	Vibrations	

* Up to three units related independent study, undergraduate research, or senior project may be used to meet requirements of the minor.