List of Approved Technical Design Requirement Courses  
(2009-2010 Curriculum)

*Students are required to take two design technical electives selected from different areas. Note that some of these classes may satisfy the restricted technical elective as well. Regardless, students must take at least 18 units of technical requirements, including the design and restricted technical requirements.*

**Geotechnical Area:**
- CE 421 Geotechnical Engineering Design
- CE 424 Earth Slopes and Retaining Structures

**Structures Area:**
- CE 402 Reinforced Concrete Design
- CE 404 Masonry Design
- CE 406 Steel Design
- CE 407 Wood Design
- CE 408 Structural Loads and Systems

**Transportation:**
- CE 411 Roadway Geometric Design
- CE 456 Pavement Design and Construction

**Applied Fluid Mechanics:**
- CE 447 Stormwater Management

**Environmental Engineering:**
- EE&S 402 Water and Waste Treatment Systems