In selecting technical electives, you may choose to follow either a general program of study in civil engineering or a program of study with an emphasis in one of seven academic areas within civil engineering. In either case, your plan of study must include at least 21 credit hours of CE designated courses with a sequence of at least two courses in each of at least two academic areas.

At least 4 courses must be selected from the following list, 1 course from each of at least 4 academic areas, guaranteeing sufficient breadth of study:

- CON CE 220 or 221
- ENV CE 350
- GEM CE 408
- GEO CE 383
- HYD CE 440
- STR CE 371
- TRA CE 381

At least 3 additional courses must be selected from the following list guaranteeing sufficient design content:

- CON CE 321, 522, 523, 527
- ENV CE 353, 457, 597Z
- GEM CE 303, 306
- GEO CE 483, 583, 584, 585
- HYD CE 440, 541, 543, 546, 549
- STR CE 470, 473, 479
- TRA CE 361, 461, 562, 565

General Education electives are to be chosen in accordance with rules adopted by the School of Civil Engineering.

**LEGEND:**

- **Mathematics:**
  - 4| MA165 Calculus I
  - Required CE:
    - 3| CE297 Statics
  - Tech Elective Often on POS:
    - Prerequisite: or
  - Sciences:
    - 4| CHM115 Gen Chem I
  - English:
    - 3| ENGL108 English Compo
  - Computer:
    - 2| ENGR106 Comp Tools
  - GenEd:
    - 3| GEN 1
  - Engineering:
    - 1| ENGR100 Freshman Sem
  - Tech Elective Recommended:
    - Breadth or Design, Area: B.CON D.STR
  - Tech Elective To Be Considered:

- **Options:**

- **Effective for students entering Fall 2006 and after**