Suggested course selections
Civil Infrastructure Focus

a Must take one additional basic science course. This course may simultaneously satisfy another requirement such as advisor approved elective. Courses meeting that requirement are: BIOG 1440, BIOEE 1610, BIOMG 1350, EAS 2200, 3030, 3050, 3410, 3420, and 3530.

b May substitute CHEM 2080 or CHEM 1570 for PHYS 2214.

c Students taking BEE 2510, ENGRD 3200 or CEE 3040 as the 2nd distribution course must take an additional Major-approved elective.

d MAE 2030 (S) may be taken in the second year; CEE 4780 (S) should not be taken until the third or fourth year. Note that MATH 2940 is a co-requisite for CEE 4780.

e ENGRD 3200 (S) may be taken in semesters 4 or 6

f ENGRD 2700 may be accepted (by petition) to substitute for CEE 3040 if taken prior to affiliation in the Major or if necessary because of scheduling conflicts.

g May substitute CEE 3720 or CEE 4710 for either BEE 2510 (F) or CEE 3610 (S) if one takes either CEE 4730 or 4740. However, CEE 3720 or CEE 4710 then count as a Core Course only and not as one of the five CEE Design Courses or Major-Approved Electives.

h If the technical communication requirement is met with a course that fulfills another requirement, then an additional advisor approved elective is required.

---

Semester 1
- ENGRI 1160
- Math 1910
- Chem2090
- Freshman Writing Seminar

Semester 2
- CS 1112
- Math 1920
- Phys 1112
- Freshman Writing Seminar

Semester 3
- Math 2930
- Math 2940
- Phys 2213
- ENGRD 2020

Semester 4
- ENGRD 3200c,e
- CEE 3710g
- Phys 2214b
- Liberal Arts

Semester 5
- CEE 3040c,f, **
- CEE 3410**
- CEE 4710g
- Liberal Arts

Semester 6
- CEE 3230
- CEE 3310
- CEE 4730***
- Liberal Arts

Semester 7
- CEE 3720
- CEE 4750*
- CEE 6075*
- Liberal Arts

Semester 8
- Advisor Appr Elect
- Advisor Appr Elect
- Add'l Sciencea
- CEE 4810

---

Key:
- Common Curriculum
- Engr. Dist.
- Capstone Design
- Elective

- prerequisite
- prerequisite or corequisite
- * CEE 4750 & 6075 are offered alternate years. No technical prerequisites; can be taken early.
- ** Offered in the Fall only; times conflict with Engineering Management
- *** Useful to have these design courses prior to internships.