Suggested course selections
Fluid Mechanics/Hydrology/Water Resources Focus

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.

May substitute CHEM 2080 or CHEM 1570 for PHYS 2214.

Students taking ENGRD 2030, 3200 or CEE 3040 as the 2nd distribution course must take an additional Major-approved elective.

ENGRD 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.

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

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.

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

**Diagram Details:**
- **Semester 1:**
  - ENGRI.
  - Math 1910
  - Chem2090
  - Freshman Writing Seminar
- **Semester 2:**
  - CS 1130 or 1132 before Sem. 4
  - CS 111x
  - Phys 1112
  - Freshman Writing Seminar
- **Semester 3:**
  - ENGRD 2020
  - Math 2930
  - Phys 2213
- **Semester 4:**
  - ENGRD 3200
c, e
  - Math 2940
  - Phys 2214b
- **Semester 5:**
  - CEE 3040
c, f
  - CEE 3410
  - CEE 3310
- **Semester 6:**
  - CEE 3230
  - CEE 3710
  - ENGRD 2030 or CEE 4780
d, f
  - CEE 3610
  - CEE 3320
- **Semester 7:**
  - Appr Elect
  - CEE 4350
  - CEE Design Elect.
  - Major Appr. Elect.
- **Semester 8:**
  - Elective
  - CEE 3610
  - CEE 3610
  - Major Appr. Elect.