**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: BIMG 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 3200 or CEE 3040 as the 2nd distribution course must take an additional Major-approved elective.
- 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.
- 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 an additional advisor approved elective is required.

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**KEY**

- **Common Curriculum**
- **Engr. Dist.**
- **Capstone Design**
- **Elective**
- **Major Program**
- **Add'l Science**
- **prerequisite**
- **prerequisite or corequisite**

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**Semester 1**
- ENGRI.
- Math 1910

**Semester 2**
- CS 111x
- Math 1920

**Semester 3**
- Math 2930
- ENGRD 2020

**Semester 4**
- Math 2940
- CEE 3410
- CEE 3310

**Semester 5**
- CEE 3510
- Tech Comm
- Liberal Arts

**Semester 6**
- CEE 3230
- CEE 3710
- MAE 2030 or CEE 4780
- CEE 4320 (MAE)

**Semester 7**
- Advisor Appr Elect

**Semester 8**
- CEE 4350
- CEE 3610
- Advisor Appr Elect

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**Freshman Writing Seminar**

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**Freshman Writing Seminar**

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**Liberal Arts**

**Liberal Arts**

**Liberal Arts**

**Liberal Arts**

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**Take these in any order**

**Take these in any order**

**Take these in any order**

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**Liberal Arts**

**Liberal Arts**

**Liberal Arts**

**Liberal Arts**