Suggested course selections
Civil Infrastructure 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 BEE 2510, 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.

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

- 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**

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- **Semester 1**: ENGRI 1160
- **Semester 2**: CS 1112
- **Semester 3**: ENGRD 2020
- **Semester 4**: ENGRD 3200\(^{c,e}\)
- **Semester 5**: CEE 3040\(^{c,f,\*}\)
- **Semester 6**: CEE 3230
- **Semester 7**: Advisor Appr Elect
- **Semester 8**: Advisor Appr Elect

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- **Math 1910**
- **Math 1920**
- **Math 2930**
- **Math 2940**

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- **Chem2090**
- **Phys 1112**
- **Phys 2213**

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- **Freshman Writing Seminar**
- **Freshman Writing Seminar**

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- **CEE 3710\(^g\)**
- **CEE 3310**
- **CEE 4730***
- **CEE 4780**
- **CEE 4750**

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- **Phys 2214\(^b\)**
- **Phys 2214**

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- **CEE or BEE 3610\(^g\)**
- **CEE or BEE 2510**

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- **CEE 4740***
- **CEE 4810**

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*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.