Civil Engineering Curriculum - Flowchart based on 2017-2018 degree check sheet.

Pre-requisite must be taken first. Co-requisite must be taken as a pre-requisite or in the same semester.

NOTE: This flowchart is NOT an official notice of degree requirements and/or prerequisites. Please use as a supplemental advising guide to be used with the OFFICIAL OU check sheet.

1. Transfer students are required to take ENGR 3410 instead of ENGR 1410
2. CEES/1000 must take 4 of 6 offered
3. CEES 2213 prerequisite CEES major only and sophomore standing
4. ENGR 3401 prerequisite MATH 1823 or 1914 & CEES 2152 or PE 2153 or AME 2153
5. ENGR 3153 must be taken with either CEES 3364 or 3403
6. CEES 4901 prerequisite senior standing in Civil Engineering
7. CEES 4453 prerequisite CEES 2213 & 3403 and MATH 2433 or 2934 or permission of instructor
8. CEES 4903 prerequisites CEES 3213, 3363, 3661, or 3673, and 4901
9. CEES 3883 prerequisite CEES 2153 or PE 2153 & CEES 3403

NOTE: All CEES courses offered once a year except CEES 1000

* At least one of these GenEd courses must be 3000-4000 level
* Foreign Language: 2 semesters college level or 2 years of high school

Freshman
- FALL: ENGR 1410 Freshman Engineering Orientation
  - ENGL 1113 Eng. Comp.
  - CEES 1112 Intro. to CEES
  - MATH 1914 Differential & Integral Calc. I

Sophomore
- FALL: CEES 1000 Seminar
  - HSCI 3333 Tech & Society in World History or Approved Substitute
  - ENGL 1213 Eng. Comp. or EXPO 1213 Expos. Writ.
  - PHYS 2514 Physics I
  - CHEM 1315 Gen. Chem. I

- SPRING: CEES 1000 Seminar
  - GEOL 1114 Phys. Geo. or 4 credit hours of basic science
  - MATH 2924 Differential & Integral Calc. II

Junior
- FALL: CEES 1000 Seminar
  - ENGR 3401 Engineering Economics
  - CEES 2223 Fluid Mechanics
  - CEES 3363 Soil Mechanics
  - PHYS 2524 Physics II
  - CHEM 1415 Gen. Chem. II

- SPRING: CEES 1000 Seminar
  - CEES 3243 Water and Waste Treatment Design
  - MATH 3113 Intro to ODE
  - ENGR 2002 Professional Development
  - P SC 1113 American Federal Gov't.

Senior
- FALL: CEES 1000 Seminar
  - ENGL 3153 Technical Writing
  - CEES 4901 Intro to CE Capstone
  - CEES 4951 Contemporary Topics in Professional Practice
  - MATH 3914 Differential & Integral Calc. III
  - CEES 2153 Mechanics of Materials

- SPRING: CEES 1000 Seminar
  - Professional Elective
  - CEES 4903 Capstone Civil Engr. Capstone
  - CEES 4903 Capstone
  - CEES 3413 Structural Analysis
  - CEES 3403 Materials

Approved Elective Core
- IV – Artistic Forms
- Core IV – Social Science
- Core IV – West Civ.