
**Freshman**
- **Fall**: ENGR 1410 \(^1\) Freshman Engineering Orientation
  - **Fall**: ENGL 1113 Engl. Comp.
  - **Fall**: CEES 1000 \(^2\) Seminar
  - **Fall**: MATH 1914 Differential & Integral Calc. I
  - **Fall**: HIST 1483 US 1492-1865 or HIST 1493 US 1865-Present

**Sophomore**
- **Fall**: CEES 1000 \(^2\) Seminar
  - **Spring**: ENGL 1213 Engl. Comp. or EXPO 1213 Expos. Writ.
  - **Fall**: CEES 1213 Comp. Apps. in CEES
  - **Spring**: PHYS 2514 Physics I

**Junior**
- **Fall**: CEES 1000 \(^2\) Seminar
  - **Spring**: ENGR 2431 \(^3\) Electrical Circuits
    - **Spring**: ENGR 3401 \(^4\) Engineering Economics
    - **Fall**: CEES 2113 Statics
    - **Fall**: PHYS 2524 Physics II

**Senior**
- **Fall**: CEES 1000 \(^2\) Seminar
  - **Spring**: CEES 2153 Mechanics of Materials
  - **Fall**: ENGR 3410 instead of ENGR 1410
  - **Spring**: CEES 3403 Materials
  - **Spring**: Approved Elective

**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 University of Oklahoma degree check sheet

http://checksheets.ou.edu/engrindx.htm  Refer to WSSC Advisor for additional questions (405)325-4096

1. Transfer students are required to take ENGR 3410 instead of ENGR 1410
2. CEES1000 – must take 4 of 6 offered
3. ENGR 2431 prerequisite MATH 2924 and PHYS 2524 or concurrent enrollment
4. ENGR 3401 prerequisite MATH 1823 or 1914
5. ENGL 3153 must be taken with either CEES 3364 or 3403
6. CEES 4803 prerequisite senior standing in Architectural or Civil Engineering
7. CEES 4453 prerequisite = CEES 1213 and MATH 2433 or 2934
8. CEES 4903 pre-requisites = CEES 3213, 3364, 3663 or 3673, and 4803

**HIST 1483 US 1492-1865 or HIST 1493 US 1865-Present**

**ENGR 2431** Electrical Circuits

**ENGR 3401** Engineering Economics

**CEES 3213** Water Resources Engineering

**CEES 3223** Fluid Mechanics

**CEES 3234** Differential & Integral Calc. II

**CEES 3243** Water and Waste Treatment Design

**CEES 3263** Intro. to Dynamics for ArchE and CE

**CEES 3364** Soil Mechanics

**CEES 3368** Structural Design Concrete I or Professional Elective

**CEES 3369** Structural Design Steel I or Professional Elective

**CEES 3401** Engineering Economics

**CEES 3414** Professional Practice

**CEES 3453** Geomatics Engineering

**CEES 3666** Structural Analysis

**CEES 3673** Structural Design Concrete I or Professional Elective

**CEES 3883** Transportation Engineering

**CEES 4453** Structural Design Steel I or Professional Elective

**CEES 4463** Professional Elective

**CEES 4903** Capstone Civil Engr. Capstone

**CEES 1000** Seminar

**PHYS 2514** Physics I

**PHYS 2524** Physics II

**HIST 1483** US 1492-1865 or HIST 1493 US 1865-Present

**MATH 1914** Differential & Integral Calc. I

**MATH 2514** Physics I

**MATH 2524** Physics II

**MATH 2924** Differential & Integral Calc. II

**MATH 2934** Differential & Integral Calc. III

**MATH 3113** Intro to ODE

**P SC 1113** Amer. Fed. Govt.

**ANTH 4623** Cross-Cult. Hum. Prob. or Approved Substitute Core IV – West Civ.

**PRE-REQUISITE MUST BE TAKEN FIRST. CO-REQUISITE MUST BE TAKEN AS A PRE-REQUISITE OR IN THE SAME SEMESTER.**

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**Modified 01-13-15 127 credit hr**