Bachelor of Science in Civil Engineering (Standard Option B190)
Summer 2017 through Spring 2018 – Total Credit Hours: 126

This flowchart is not an official check sheet of degree requirements. It is meant to be used as a supplemental visual guide to be used along with the official University of Oklahoma degree check sheet.

**FRESHMAN**
- Fall: 17 Hours
  - MATH 1914 Calculus I
  - PHYS 2514 General Physics for Engr & Science Majors
  - PHYS 2524 General Physics for Engr & Science Majors
  - CEES 112 Intro to CEES
  - ENGR 1410 / 3410 Freshman / Transfer Engineering Experience
  - ENGL 1113 English Composition
  - CHEM 1315 General Chemistry

**SOPHOMORE**
- Fall: 17 Hours
  - MATH 2924 Calculus II
  - MATH 2934 Calculus III
  - CEES 2113 Statics
  - CEES 2213 CADD Fundamentals
  - ENGL 1213 or EXPO 1213 English Comp or Exploratory Writing
  - CHEM 1415 General Chemistry
  - CEES 1000 Seminar only 4 of 6 required

**JUNIOR**
- Fall: 14 Hours
  - MATH 3113 Intro to Ordinary Differential Equations
  - CEES 2223 Fluid Mechanics
  - CEES 2153 Mechanics of Materials
  - PSC 1113 American Federal Government
  - CEES 2002 Professional Development
  - CEES 1000 Seminar only 4 of 6 required

**SENIOR**
- Fall: 14 Hours
  - CEES 3213 Water Resources Engineering
  - CEES 3243 Water and Waste Treatment Design
  - CEES 3363 Soil Mechanics
  - CEES 3361 Soil Mechanics Lab
  - CEES 3413 Structural Analysis
  - CEES 3263 Intro to Dynamics
  - ENR 3401 Engineering Economics
  - ENR 3402 Professional Economics
  - CEES 1000 Seminar only 4 of 6 required

- Spring: 15 Hours
  - CEES 3403 Materials Engineering
  - CEES 3673 Structural Design Concrete I or Professional Elective
  - CEES 3663 Structural Design Steel I or Professional Elective
  - CEES 3663 Advanced Engineering Analysis
  - CEES 4901 Intro to CE Capstone
  - CEES 4903 Civil Engr. Capstone
  - CEES 3883 Transportation Engineering
  - ENGR 4951 Contemporary Topics in Business and Management
  - Approved Elective Social Science
  - Approved Elective Artistic Forms
  - Approved Elective Non-Western Culture
  - CEES 1000 Seminar only 4 of 6 required

Note: Utilize flowcharts as a supplemental guide to OU Official check sheet http://checksheets.ou.edu

- At least one of these Gen. Ed. courses must be 3000-4000 level.
- Foreign Language: 2 semesters college level or 2 years of high school.
- Co-requisite. Prerequisite. Shaded courses offered once per year.

Professional Electives and Flowcharts can be found here: www.ou.edu/content/coe/academics_flowcharts.html