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
HIST 1483 or 1493 US 1492-1865 or US 1865-present
CEES 1112 Intro to CEES Freshmen only
ENGR 1410 / 3410 Freshman / Transfer Engineering Experience
ENGL 1113 English Composition
CHEM 1315 General Chemistry
CHEM 1415 General Chemistry

Spring 18 Hours
MATH 2924 Calculus II
PHYS 2524 General Physics for Engr & Science Majors
ENGL 1213 or EXPO 1213 English Comp or Exploratory Writing
CHEM 1000 Seminar

Sophomore

Fall 17 Hours
MATH 2934 Calculus III
CEES 2223 Fluid Mechanics
PHYS 2524 General Physics for Engr & Science Majors
CADD Fundamentals

Spring 18 Hours
MATH 3113 Intro to Ordinary Differential Equations
CEES 2113 Statics Prereq: MATH 2924/2433
CEES 2153 Mechanics of Materials Prereq: MATH 2924/2433
CEES 2213 CADD Fundamentals Prereq: Soph & CEES majors
PSC 1113 American Federal Government
CEES 1000 Seminar only 4 of 6 required

Junior

Fall 14 Hours
CEES 323 Water Resources Engineering
CEES 3863 Soil Mechanics
CEES 3363 Soil Mechanics Lab
CEES 3413 Structural Analysis
CEES 3263 Intro to Dynamics Prereq: MATH 3113
CEES 3663 Structural Design Concrete I or Professional Elective
CEES 3453 Geomatics Engr Prereq: CEES 2213 & 3403, & MATH 2424/2934
CEES 3243 Water and Waste Treatment Design
CEES 3243 Material Science & Engineering

Spring 15 Hours
CEES 3401 Engineering Economics
MATH 3000 Seminar only 4 of 6 required
CEES 3402 Professional Development
CEES 3000 Seminar only 4 of 6 required
CEES 3000 Seminar only 4 of 6 required
CEES 3000 Seminar only 4 of 6 required
CEES 3000 Seminar only 4 of 6 required

Senior

Fall 14 Hours
CEES 4901 Intro to CE Capstone Prereq: Senior in curriculum
CEES 4001 Professional Elective
CEES 4003 Civil Engr. Capstone Prereq: Also requires CEES 3663 or 3673
CEES 4903 Structural Design Concrete II or Program Elective

Spring 15 Hours
CEES 4951 Contemporary Topics in Prof. Practice Prereq: Jr or Sr in curriculum
CEES 4553 Computational Engineering
CEES 4883 Transportation Engineering
ENGR 4002 Professional Elective
Approved Elective Non-Western Culture
Approved Elective Artistic Forms

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

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.

The UNIVERSITY OF OKLAHOMA School of Civil Engineering and Environmental Science

[Graphics and images related to the flowchart]