Bachelor of Science in Architectural Engineering (Standard Option B035)
Summer 2018 through Spring 2019 – Total Credit Hours: 130

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.

Name: ___________________________________________ Sooner ID: _______________________

FRESHMAN

Fall 16 Hours
- MATH 1914 Calculus I
- CEES 1112 Intro to CEES Freshmen only
- GEOL 1114 Physical Geology
- ENGR 1410 / 3410 Freshman / Transfer Engineering Experience
- ENGL 1113 English Composition
- ARCH 2363 Methods III- Materials & Form email Etyler@ou.edu for permission
- ARCH 2243 Hist. of the Built Env. will meet Gen. Ed. Western Civ. & Culture
- CHEM 1315 General Chemistry Prereq: MATH 1503
- ENGR 2002 Professional Development Additional Prereq: Soph standing
- CEES 1000 Seminar only 4 of 6 required

Spring 17 Hours
- MATH 2924 Calculus II
- PHYS 2514 General Physics for Engr & Science
- PHYS 2524 General Physics for Engr & Science
- ENGR 1213 or EXPO 1213 English Comp or Expository Writing
- ENGL 1213 or EXPO 1213 English Comp or Expository Writing
- ARCH 1263 Methods II- Patterns of Arch. email Etyler@ou.edu for permission
- CHEM 1315 General Chemistry Prereq: MATH 1503
- ENGR 2002 Professional Development Additional Prereq: Soph standing
- CEES 1000 Seminar only 4 of 6 required

SOPHOMORE

Fall 17 Hours
- MATH 2934 Calculus III
- PHYS 3113 Intro to Ordinary Differential Equations
- CEES 2213 CADD Fundamentals Prereq: Soph & CEES majors
- CEES 2113 Statics Prereq: MATH 2934/2433
- ENGR 2002 Professional Development Additional Prereq: Soph standing
- CEES 1000 Seminar only 4 of 6 required
- ENGR 2431 Elec. Circuits Prereq: MATH 2924/2423 & PHYS 2524
- CHEM 1315 General Chemistry Prereq: MATH 1503
- ENGR 3403 Materials Prereq: CEES 2153
- CEES 3363 Soil Mechanics
- CEES 3663 Structural Design Steel I

Spring 16 Hours
- MATH 3113 Intro to Dynamics for Arch and Civil Engr
- CEES 2223 Fluid Mechanics
- CEES 2153 Mechanics of Materials Prereq: MATH 2934/2433
- CEES 3263 Intro to Structural Analysis
- CEES 3361 Soil Mechanics Lab
- CEES 3613 Structural Analysis
- CEES 3453 Intro to Construction Management

JUNIOR

Fall 15 Hours
- MATH 3924 Calculus II
- PHYS 2514 General Physics for Engr & Science
- PHYS 2524 General Physics for Engr & Science
- ENGR 2431 Elec. Circuits Prereq: MATH 2924/2423 & PHYS 2524
- CHEM 1315 General Chemistry Prereq: MATH 1503
- ENGR 3401 Engr. Economics Prereq: MATH 1914/1823 & CEES 2153
- CEES 3403 Materials Prereq: CEES 2153
- CEES 3663 Structural Design Steel I
- CEES 3673 Foundation Engr. Prereq: CEES 3363

Spring 18 Hours
- MATH 3934 Calculus III
- PHYS 2514 General Physics for Engr & Science
- PHYS 2524 General Physics for Engr & Science
- ENGR 2431 Elec. Circuits Prereq: MATH 2924/2423 & PHYS 2524
- CHEM 1315 General Chemistry Prereq: MATH 1503
- ENGR 3401 Engr. Economics Prereq: MATH 1914/1823 & CEES 2153
- CEES 3403 Materials Prereq: CEES 2153
- CEES 3663 Structural Design Steel I
- CEES 3673 Foundation Engr. Prereq: CEES 3363

SENIOR

Fall 16 Hours
- MATH 3924 Calculus II
- PHYS 2514 General Physics for Engr & Science
- PHYS 2524 General Physics for Engr & Science
- ENGR 2431 Elec. Circuits Prereq: MATH 2924/2423 & PHYS 2524
- CHEM 1315 General Chemistry Prereq: MATH 1503
- ENGR 3401 Engr. Economics Prereq: MATH 1914/1823 & CEES 2153
- CEES 3403 Materials Prereq: CEES 2153
- CEES 3663 Structural Design Steel I

Spring 15 Hours
- MATH 3934 Calculus III
- PHYS 2514 General Physics for Engr & Science
- PHYS 2524 General Physics for Engr & Science
- ENGR 2431 Elec. Circuits Prereq: MATH 2924/2423 & PHYS 2524
- CHEM 1315 General Chemistry Prereq: MATH 1503
- ENGR 3401 Engr. Economics Prereq: MATH 1914/1823 & CEES 2153
- CEES 3403 Materials Prereq: CEES 2153
- CEES 3663 Structural Design Steel I

Approved Elective
- Non-Western Culture

Approved Elective
- Social Science

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