Bachelor of Science in Architectural Engineering (Standard Option B035)
Summer 2022 through Spring 2023 – 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.

FRESHMAN

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
- ENGR 2002 Professional Development

SOPHOMORE

17 Hours

- MATH 2924 Calculus II
- PHYS 2514 General Physics for Engr & Science
- PHYS 2524 General Physics for Engr & Science
- CEES 2113 Statics
- ARCH 2363 Methods III - Materials & Form email ErinNance@ou.edu for permission
- ARCH 2243 Hist. of the Built Env. will meet Gen. Ed. Western Culture
- CHEM 1315 General Chemistry Prereq: MATH 1503
- CEES 1000 Seminar only 4 of 6 required
- CEES 1000 Seminar only 4 of 6 required

JUNIOR

16 Hours

- MATH 2934 Calculus III
- PHYS 2524 Intro to Ordinary Differential Equations
- MATH 3113 Intro to Ordinary Differential Equations
- MECH 223 Fluid Mechanics
- MECH 2153 Mechanics of Materials
- MECH 2213 CADD Fundamentals Prereq: Soph & CEES majors
- ENGR 2002 Professional Development Additional Prereq: Soph standing
- ENGR 2431 Elec. Circuits Prereq: MATH 2924/2423 & COREQ: PHYS 2524
- ENGR 4313 Structural Analysis

SENIOR

16 Hours

- AME 2213 Thermodynamics Additional Prereq: CHEM 1315
- CEES 3663 Structural Design Steel I
- CEES 3403 Materials Prereq: CEES 2153
- AME 4113 Bldg. Lighting & Electrical Systems Prereq: MATH 2924/2423 & COREQ: PHYS 2524 & COREQ: ENGR 2431
- CEES 3453 Foundation Engr. Prereq: CEES 3363
- CEES 3673 Structural Design Concrete I
- CEES 3361 Soil Mechanics Lab
- CEES 3661 Structural Design Concrete I

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