Architectural Engineering Curriculum - Flowchart based on 2013-2014 degree check sheet

Freshman
- **FALL**
  - ENGR 1410 1
    - Freshman Engineering Orientation
  - ENGL 1113
    - Engl. Comp.
  - CEES 1112
    - Intro. to CEES
  - MATH 1914
    - Differential & Integral Calc. I
  - GEOL 1114
    - Phys. Geology or other four-hour Math Calc. or above or Basic Science Elective
  - ARCH 1112
    - Intro. 1 - Cultures & Collaborations
- **SPRING**
  - ENGR 1410 1
  - ENGL 1113
  - EXPO 1213 or ENGL 1213
  - MATH 2914
  - ARCH 2423
  - Methods IV - Materials & Form

Sophomore
- **FALL**
  - CEES 1000 2
    - Seminar
  - ENGR 2431
    - Electrical Grouts
  - ENGR 3401
    - Engineering Economics
  - MATH 2924
    - Differential and Integral Calc. II
- **SPRING**
  - CEES 1000 2
    - Seminar
  - ENGL 1213
    - Eng. Comp. or EXPO 1213
  - CHEM 1315
    - General Chem.
  - MATH 3113
    - Intro. to ODE
  - CEES 2113
    - Statics
  - CEES 2153
    - Mechanics of Materials
  - HIST 1483
    - US 1493 - 1865 or HIST 1493

Junior
- **FALL**
  - CEES 1000 2
    - Seminar
  - CEES 4453 4
    - Geomatics Engineering
  - AME 2213
    - Thermodynamics
  - AME 3173
    - Heat Transfer
  - CEES 3263
    - Intro. to Dynamics for Arch and CE
  - CEES 3403
    - Structural Materials
  - CEES 3663
    - Structural Design Steel 1
  - CEES 3673
    - Structural Design Concrete 1
  - CEES 4453
    - Geomatics Engineering Capstone
  - CEES 4333
    - Foundation Engineering
  - ANTH 4623
    - Cross-Cult. Hum. Prob. or Approved Substitute Core IV - Non-West Civ.
- **SPRING**
  - ENGL 3153 3
    - Technical Writing
  - CEES 4753
    - Structural Design - Wood
  - CEES 4983 6
    - Architectural Engineering Capstone

Senior
- **FALL**
  - CEES 1000 2
    - Seminar
  - CEES 3663
    - Structural Design Steel 1
  - CEES 3673
    - Structural Design Concrete 1
  - ANTH 4623
    - Cross-Cult. Hum. Prob. or Approved Substitute Core IV - Non-West Civ.
- **SPRING**
  - CEES 4753
    - Structural Design - Wood
  - CEES 4333
    - Foundation Engineering
  - CEES 4453
    - Geomatics Engineering Capstone

Please note: This flowchart is not an official check sheet of degree requirements. It is meant to be used as a supplemental visual guide along with the official University of Oklahoma degree check sheets [http://checksheets.ou.edu/engrindx.htm](http://checksheets.ou.edu/engrindx.htm)

1. Transfer students are required to take ENGR 3410 instead of ENGR 1410
2. CEES 1000 – must take 4 of 6 offered
3. ENGL 3153 pre-requisite ENGL 1213 or EXPO 1213. ENGL 3153 must be taken with CEES 3364 or CEES 3403.
4. CEES 4453 pre-requisites = CEES 1213 and MATH 2433 or 2934
5. CEES 4803 pre-requisite = Senior standing in Architectural or Civil Engineering
6. CEES 4983 pre-requisites = CEES 3364, 3663, 3673, 4113, 4803 and AME 4653

Modified 05/09/14 130 credit hrs