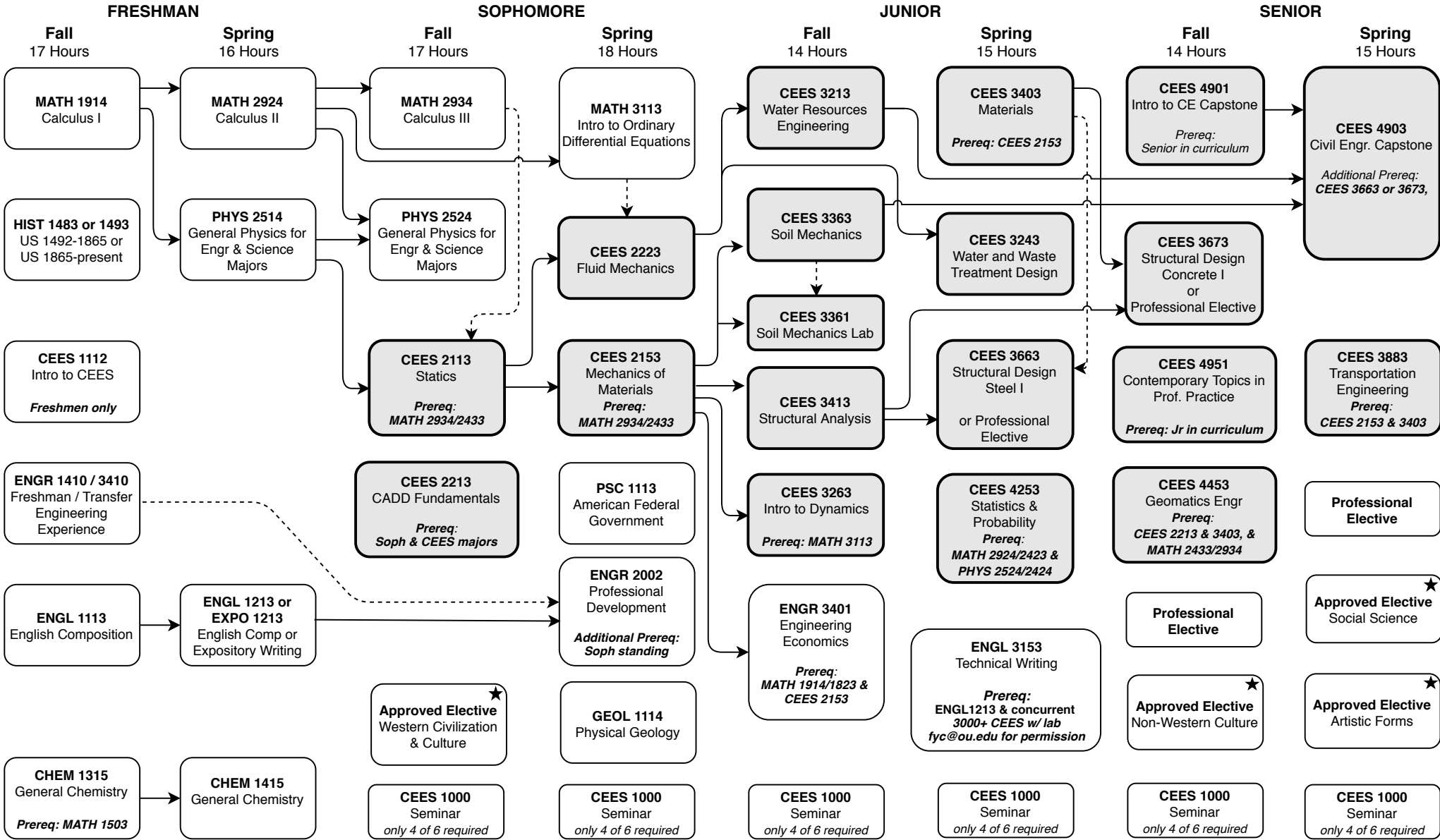Name: _____

Sooner ID: _____

Bachelor of Science in Civil Engineering (Standard Option B190)

Summer 2018 through Spring 2019 – 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		SOPHOMORE		JUNIOR		SENIOR	
Fall 17 Hours	**Spring** 16 Hours	**Fall** 17 Hours	**Spring** 18 Hours	**Fall** 14 Hours	**Spring** 15 Hours	**Fall** 14 Hours	**Spring** 15 Hours

FRESHMAN

Fall — 17 Hours
- MATH 1914 — Calculus I
- 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 — *Prereq: MATH 1503*

Spring — 16 Hours
- MATH 2924 — Calculus II
- PHYS 2514 — General Physics for Engr & Science Majors
- ENGL 1213 or EXPO 1213 — English Comp or Expository Writing
- CHEM 1415 — General Chemistry

SOPHOMORE

Fall — 17 Hours
- MATH 2934 — Calculus III
- PHYS 2524 — General Physics for Engr & Science Majors
- CEES 2113 — Statics — *Prereq: MATH 2934/2433*
- CEES 2213 — CADD Fundamentals — *Prereq: Soph & CEES majors*
- ★ Approved Elective — Western Civilization & Culture
- CEES 1000 — Seminar — *only 4 of 6 required*

Spring — 18 Hours
- MATH 3113 — Intro to Ordinary Differential Equations
- CEES 2223 — Fluid Mechanics
- CEES 2153 — Mechanics of Materials — *Prereq: MATH 2934/2433*
- PSC 1113 — American Federal Government
- ENGR 2002 — Professional Development — *Additional Prereq: Soph standing*
- GEOL 1114 — Physical Geology
- CEES 1000 — Seminar — *only 4 of 6 required*

JUNIOR

Fall — 14 Hours
- CEES 3213 — Water Resources Engineering
- CEES 3363 — Soil Mechanics
- CEES 3361 — Soil Mechanics Lab
- CEES 3413 — Structural Analysis
- CEES 3263 — Intro to Dynamics — *Prereq: MATH 3113*
- ENGR 3401 — Engineering Economics — *Prereq: MATH 1914/1823 & CEES 2153*
- CEES 1000 — Seminar — *only 4 of 6 required*

Spring — 15 Hours
- CEES 3403 — Materials — *Prereq: CEES 2153*
- CEES 3243 — Water and Waste Treatment Design
- CEES 3663 — Structural Design Steel I or Professional Elective
- CEES 4253 — Statistics & Probability — *Prereq: MATH 2924/2423 & PHYS 2524/2424*
- ENGL 3153 — Technical Writing — *Prereq: ENGL1213 & concurrent 3000+ CEES w/ lab — fyc@ou.edu for permission*
- CEES 1000 — Seminar — *only 4 of 6 required*

SENIOR

Fall — 14 Hours
- CEES 4901 — Intro to CE Capstone — *Prereq: Senior in curriculum*
- CEES 3673 — Structural Design Concrete I or Professional Elective
- CEES 4951 — Contemporary Topics in Prof. Practice — *Prereq: Jr in curriculum*
- CEES 4453 — Geomatics Engr — *Prereq: CEES 2213 & 3403, & MATH 2433/2934*
- Professional Elective
- ★ Approved Elective — Non-Western Culture
- CEES 1000 — Seminar — *only 4 of 6 required*

Spring — 15 Hours
- CEES 4903 — Civil Engr. Capstone — *Additional Prereq: CEES 3663 or 3673,*
- CEES 3883 — Transportation Engineering — *Prereq: CEES 2153 & 3403*
- Professional Elective
- ★ Approved Elective — Social Science
- ★ Approved Elective — Artistic Forms
- CEES 1000 — Seminar — *only 4 of 6 required*

☐ ★ 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.   ☐ HS History Deficiency

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**