Bachelor of Science in Engineering Physics (B372)
Summer 2023 through Spring 2024 – Total Credit Hours: 129

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: 16 Hours
  - MATH 1914 Calculus I
- Spring: 17 Hours
  - MATH 2924 Calculus II

SOPHOMORE
- Fall: 16 Hours
  - MATH 2934 Calculus III
  - or MATH 2443
  - PHYS 1205 Intro Physics for Physics Majors I
  - PHYS 2514 + 1311 Physics for Engr
- Spring: 17 Hours
  - PHYS 2203 Intro Physics III: Modern Physics
  - ENGL 1213 or EXPO 1213 English Comp or Exploratory Writing

JUNIOR
- Fall: 15 Hours
  - MATH 3413 Physical Math I
  - PHYS 2303 Electronics
  - Engineering Elective (3 hrs) 2000-4000 level
- Spring: 14 Hours
  - PHYS 3043 Physical Mechanics I
  - PHYS 3183 Electricity & Magnetism I
  - AME 3153 (F) or CEES 2223 (Sp) Fluid Mechanics

SENIOR
- Fall: 17 Hours
  - MATH 3423 Physical Math II
  - PHYS 3803 Intro to Quantum Mechanics I
  - Approved Elective (3 hrs)
- Spring: 17 Hours
  - PHYS 4153 Statistical Physics & Thermodynamics
  - Approved Elective (3 hrs)
  - Approved Elective World Culture

Required Courses:
- ENGR 1411/1421/3511 Engineering Pathways
- CHEM 1315 General Chemistry
- CS 1313 Prog. with C
- ENGR 2002 Prof. Development
- HIST 1483 or 1493 US History
- Approved Elective Social Science
- Approved Elective Artistic Forms

Elective Courses:
- Engineering Elective (3 hrs) 2000-4000 level
- Engineering Elective (3 hrs) Design Sequence II
- Engineering Elective (3 hrs) Design Sequence IV
- Engineering Elective (3 hrs) Design Sequence V
- Approved Elective World Culture
- Approved Elective Western Culture

General Education Requirements:
- 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.
- HS History Deficiency

Co-requisite: Prerequisite: Shaded courses offered once per year during designated semester.

Name: ___________________________  Sooner ID: ___________________________