Bachelor of Science in Computer Science (B235)
Summer 2022 through Spring 2023 – Total Credit Hours: 120

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 15-18 Hours**

- MATH 1914 Calculus I
- Programming (take one)
  - CS1321
  - CS1323
  - CS1324

**Spring 14 Hours**

- MATH 2924 Calculus II
- ENGL 1113 English Composition
- ENGR 1411 / 3511 Freshman / Transfer Engr Experience

**SOPHOMORE**

**Fall 15 Hours**

- MATH 2934 Calculus III
- CS 2334 Programming Structures and Abstractions
  - Additional Prereq: MATH1523 or higher

**Spring 15-16 Hours**

- OPEN ELECTIVES see box below
- CS 2813 Discrete Structures or MATH 2513* Discrete Mathematics
  - *MATH 2513 prereq is MATH 2924/2423

**JUNIOR**

**Fall 15 Hours**

- CS 2614 Computer Organization
  - Prereq: CS 2334

**Spring 15 Hours**

- CS 3113 Intro to Operating Systems
- MATH 3333 Linear Algebra
  - Prereq: MATH 1914/1823

**SENIOR**

**Fall 15 Hours**

- CS 4000+ Elective
  - “excludes CS 4910 & 4970

**Spring 15 Hours**

- CS 4000+ Elective
  - “excludes CS 4910 & 4970

**Additional Non-Physics Gen. Ed. Approved Natural Science with LAB for Science and Engineering majors**

- PHYS 2514 Gen. Physics for Engr/Sci
  - Prereq: MATH 1914/1823

**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.

**Note:** Utilize flowcharts as a supplemental guide to OU Official check sheet http://checksheets.ou.edu and regular visits with your WSSC College Advisor.

- Shaded courses offered once a year (fall or spring only)
- Prerequisite
- Co-requisite

5-8 hours OPEN ELECTIVES see box below

7-hour NATURAL SCIENCE requirement (must meet the following):

- PHYS 2514
- Additional Non-Physics Gen. Ed. Approved Natural Science with LAB for Science and Engineering majors

**UCOL**

- 1523/ 1533/ 1543 First-Year Experience

**NATURAL SCIENCE with Lab**

- Approved Elective Social Science

- Approved Elective Artistic Forms

- Approved Elective Western Culture

- Approved Elective World Culture

- At least one of these Gen. Ed. courses must be 3000-4000 level.