Bachelor of Science in Computer Science (B235)
Summer 2018 through Spring 2019 – 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 12-15 Hours
- MATH 1914 Calculus I
- MATH 2924 Calculus II
- ENGR 1311 Freshman Engr Experience
- English Composition
- Approved Elective
- Artistic Forms

Spring 14 Hours
- MATH 1924 Calculus III
- CS 2334 Programming Structures and Abstractions
- ENGR 1311 Freshman Engr Experience
- Approved Elective
- Non-Western Culture

Sophomore

Fall 15 Hours
- MATH 2934 Calculus III
- CS 2813 Discrete Structures or MATH 2513 Discrete Mathematics
- ENGR 1311 Freshman Engr Experience
- English Composition
- Approved Elective
- Non-Western Culture

Spring 14 Hours
- MATH 3113 Intro to Operating Systems
- CS 2614 Computer Organization
- ENGR 1311 Freshman Engr Experience
- Approved Elective
- Natural Science (Core I)

Junior

Fall 18 Hours
- MATH 3333 Linear Algebra
- CS 3203 Software Requirements & Specifications
- ENGR 1311 Freshman Engr Experience
- English Composition
- Approved Elective
- Social Science

Spring 13-16 Hours
- CS 3823 Theory of Computation
- CS 3053 Human Interaction
- ENGR 1311 Freshman Engr Experience
- Approved Elective
- Natural Science (Core I)

Senior

Fall 15 Hours
- MATH 3333 Linear Algebra
- CS 4263 Software Engr I
- ENGR 1311 Freshman Engr Experience
- English Composition
- Approved Elective
- Western Civilization & Culture

Spring 15 Hours
- CS 4273 Software Engineering II
- ENGR 1311 Freshman Engr Experience
- English Composition
- Approved Elective
- Non-Western Culture

Must earn a B minimum in CS 1321/1323/1324 OR CS 2334 to continue in any remaining CS courses.

4-hour CS Programming:
- CS 1321 Intro Java
- or CS 1323 Intro Comp. Programming
- or CS 1324 Intro Comp. Programming (Non-Programmers)

Co-req: MATH 1523

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

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

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.
CS placement survey must be taken. Link in classnav.ou.edu course description.
MATH minor can be completed in your CS degree by choosing MATH 4733 and MATH 4743

HIST 1483 or 1493
US 1492-1865 or US 1865-present

CS 4000+ level Elective*
*excludes CS 4910 & 4970

ENGR 1411 / 3511 Freshman / Transfer Engr Experience

ENGL 1113 English Composition

ENGL 1213 or EXPO 1213 English Comp or Expository Writing

Approved Elective

Natural Science (Core I)

Approved Elective

Social Science

Natural Science (Core I)
Non-PHYS course

Approved Elective

Artistic Forms

Approved Elective

Non-Western Culture

OPEN ELECTIVE
To meet 14-hour Natural Science requirement
- PHYS 2514 required
- 14 hours minimum
- One Non-Physics course
- Natural Science LAB

*Approved by CGoE Advisor

OPEN ELECTIVE
To meet 4-hour CS Programming requirement
- Approved by CGoE Advisor

ONE OF THE FOLLOWING COURSES:
1. MATH 4753 (MATH 2924/2423 prereq)
2. ISE 3203 (MATH 2924/2433 prereq)
3. MATH 4743 (MATH 4733 prereq)--fall only

*Approved by CGoE Advisor

Notes:
- CS placement survey must be taken. Link in classnav.ou.edu course description.
- MATH minor can be completed in your CS degree by choosing MATH 4073 and MATH 4733 or 4743.
- 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.
- Name:
- Soonier ID: