Name: OU ID:				Enrollment Date & Time:			
	s flowchart is not an official check ide of C or better is required in	Sum sheet of degree requirements.	nmer 2025 through Spring 2 It is meant to be used as a supp	<u> </u>	20 along with the official Universi	•	
FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
<b>Fall</b> 14-17 Hours	<b>Spring</b> 14 Hours	<b>Fall</b> 15 Hours	<b>Spring</b> 14-17 Hours	<b>Fall</b> 15 Hours	<b>Spring</b> 15 Hours	<b>Fall</b> 15 Hours	<b>Spring</b> 15 Hours
MATH 1914 Calculus I	MATH 2924 Calculus II	P SC 1113 American Fed. Govt.	OPEN ELECTIVES see box below	ALL upper-division CS classes require CS 2414 and CS 2813 as a prerequisite.			
	Calculus II			CS 3203 Software Engineering	Approved ⊕ CS 4000+ Elective *excludes CS 4910 & 4970	Approved ⊕ CS 4000+ Elective *excludes CS 4910 & 4970	Approved ⊕ CS 4000+ Elective *excludes CS 4910 & 4970
Programming $\Leftrightarrow$ (take one)  CS1321 CS1323	CS 2334 Programming Structures and	CS 2813 Discrete Structures or MATH 2513*	CS 2614 Computer Organization				
CS1323 CS1324 Coreq: MATH 1523 or higher	Abstractions  Additional Prereq: MATH 1523 or higher	Discrete Mathematics	Prereq: CS 2334	CS 3113 Intro to Operating Systems	MATH 3333 Linear Algebra Prereq: MATH 1914/1823	CS 4413 Algorithm Analysis	CS 4473 Parallel, Distributed, and Network Programming
ENGL 1113	ENGL/EXPO 1213 English Comp or Expository Writing	CS 2414 Data Structures	Natural Science with Lab Core II See approved list.	CS 3823 Theory of Technical Elec	Approved $\oplus$		Additional Prereq: CS 3113
English Composition		Additional Prereq: MATH1914/1823			See approved list.	CS 4173 Computer Security	CS 4273 Capstone Design
ENGR1413 Engineering Thinking Orientation & Core V FYE		ENGR 2002 Professional Skills Additional Prerea:	CS 3323 Principles of Programming Languages	Approved Technical Elective	Approved Technical Elective	CS 4513 Database Management Systems  Approved	Project  Prereq: CS 3203
		Sophomore standing	One of the following:	See approved list.	See approved list.		HIST 1483 or 1493
Approved Elective Artistic Forms	Natural Science Core II See approved list.	Approved Elective	1. MATH 4753 (MATH2924/2423 prereq) 2. ISE 3293				US to 1865 or US 1865-present
		Social Science	2. 152 3293 (MATH2924/2433 prereq) 3. MATH 4743 (MATH4733 prereq)- fall only	OPEN ELECTIVES	Approved Elective Western Culture	CS 4000+ Elective *excludes CS 4910 & 4970	Approved Elective World Culture
3-6 hours OPEN ELECTIVES			4. ECE 2523 (MATH 2924/2443 prereq)	see box below	Western Guitare		World Outline

 $\hfill \hfill \hfill$ ♦ CS placement survey must be taken. Here is the survey link: https://www.ou.edu/coe/cs/resources/links-forms

**3-6 hours OPEN ELECTIVES** Refer to College of Engineering Advisor before taking

←--- Co-requisite. ← Prerequisite Foreign Language: 2 semesters college level or 2 years of high school.

Prereq for all CS 3000+

MATH1823, MATH2423, and MATH2433 sequence can be substituted for MATH1914 and MATH2924.

**HS History Deficiency** 

Date Reviewed:

List of approved may be found on the CS website. -Technical Electives must total 9 credit hours.

CS 4513 is a fall semester only class.