


Prep Courses	Bachelor of Science		Computer Science		Computer Science Emphasis 2021-2022			
	Year 1		Year 2		Year 3		Year 4	
	Fall-16 hrs	Spring-16 hrs	Fall-14 hrs	Spring-14 hrs	Fall-15 hrs	Spring-15 hrs	Fall-16 hrs	Spring-15 hrs
<p>See Advisor for evaluation of English & Math placement scores.</p> <p>See Advisor for to get a class and information on pre-requisite courses required to begin taking CS courses</p>	CS 1400 * Fundamentals of Programming	CS 1410 * Object-Oriented Programming	CS 2300 * Discrete Math I	CS 2450 Software Engineering	CS 2690 Computer Networks II	CS 3060 Operating Systems Theory	CS 3450 Principles & Patterns	CS 4490 Compiler Construction
	ENGL 1010 Introduction to Writing	CS 2810 Computer Organization and Architecture	CS 2420 * Intro to Algorithms & Data Structures	CS 2550 Web Programming I	CS 3310 Analysis of Algorithms	CS 32XX See note below	CS 4380 Advanced High Perf Comp Arch	CS 305G Global Social & Ethical Issues
	MATH 1210 * Calculus 1	ENGL 2010 Intermediate Writing	CS 2370 C++ Programming	CS 2600 Computer Networks I	CS 3240 Discrete Mathematical Structures II	CS 3320 Numerical Software Development	CS 4450 Analysis of Prog Lang	COMM 1020 & 1025 (General Education)
	American Institutions (See Wolverine Track)	STAT 2050 Intro to Statistical Methods	PHYS 2210 & 2215 Physics for Scientist and Engineers and Lab	Third Science (See Wolverine Track)	CS 3520 Database Theory	CS Elective (3)	CS 4470 Artificial Intelligence	COMM 2110 (General Education)
	PES 1097 or HLTH 1100 (General Education)	Biology Gen Ed (See Wolverine Track)			CS 3100 Data Security & Privacy	Fine Arts Gen Ed (See Wolverine Track)	CS 496R Senior Seminar	CS Elective (3)
						PHIL 2050 Ethics & Values		

Notes
 CS Elective: Choose from any CS 3000 or 4000 level class not already required.
CS 32XX: CS 3250 or CS 3260 or CS 3270 or CS 3370
Third Science: Choose from one of the following combinations: BIOL 1610/1615; CHEM 1210/1215
 GEO 1010/1015/202R; PHYS 2020/2025; PHYS 2220/2225

CS Matriculation * Minimum Grade ()
 CS 1400 (C+), CS 2300 (C+), CS 2420 (C+), MATH 1210 (C), ENGL 1010 (C)
 Overall UVU GPA must be 2.5 or higher. Each class may not be repeated more than once
Complete CS Exit Survey graduating semester