

Prep Courses

Bachelor of Applied Science

Software Development 2021-2022

Year 1		Year 2		Year 3		Year 4	
Fall-15 hrs	Spring-15 hrs	Fall-15 hrs	Spring-15 hrs	Fall-15 hrs	Spring-15 hrs	Fall-15 hrs	Spring-15 hrs
CS 1400 * Fundamentals of Programming	CS 1410 * Object-Oriented Programming	CS 2300 * Discrete Math I	CS 2420 Algorithms & Data Structures	CS 2550 Web Programming I	CS 2450 Software Engineering	CS 3450 Principles & Patterns	CS 3410 or CS 3680 or CS 481R
ENGL 1010 Introduction to Writing	ENGL 2010 Intermediate Writing	PHIL 2050 Ethics & Values	CS 2370 C++ Programming	CS 2810 Computer Organization & Arch	CS 32XX (see below)	CS 3060 Operating Systems Theory	CS 3660 Web Programming II
Math 1050 College Algebra	Biology Gen Ed (See Wolverine Track)	Extra-Major Specialization	Fine Arts Gen Ed (See Wolverine Track)	CS 305G Computer Ethics	CS 2600 Computer Networks I	CS 3520 Database Theory	CS Elective (3000 evel)
American Institutions (See Wolverine Track)	Extra-Major Specialization	GE Physical Science Distribution	GE Additional Science Distribution	Extra-Major Specialization	Extra-Major Specialization	Extra-Major Specialization	Extra-Major Specialization
PES 1097 or HLTH 1100 (General Education)	GE Humanities Distribution	GE Social/Behavioral Science	Extra-Major Specialization	Extra-Major Specialization	Extra-Major Specialization	Extra-Major Specialization	Extra-Major Specialization

See Advisor for evaluation of English & Math placement scores.

See Advisor for to get a class and information on pre-requisite courses required to begin taking CS courses



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 or CS 3380
Complete CS Exit Survey graduating semester

CS Matriculation * Minimum Grade ()
 CS1400 (C+), CS1410 (C+), CS2300 (C+), CS2420 (C+), MATH1050 (C), ENGL1010 (C)
 Overall UVU GPA must be 2.5 or higher.