

COMPUTER SCIENCE CORE REQUIREMENTS			
COURSE #	COURSE TITLE	PREREQUISITE	CR
CS 1400*	Fundamentals of Programming	MAT 1000 or 1010 with a B or higher, or math test score. CS 1030 recommended	3
CS 1410*	Object-Oriented Programming	CS 1400 and Math 1050 with C+ or higher	3
CS 2300*	Discrete Mathematical Structures I	CS 1410 and MATH 1050 with C of higher	3
CS 2420*	Intro to Algorithms and Data Structures	CS 1410	3
CS 2550	Web Programming, I	CS 1410 or DGM 2760 or INFO 1200	3
CS 2810*	Computer Organization and Architecture	CS 1400	3
MATH 1210	Calculus 1	Math 1050 and Math 1060 or Math 1080 with a C or higher	5
		Total Core Credits	23

GENERAL EDUCATION REQUIREMENTS			
COURSE #	COURSE TITLE	PREREQUISITE	CR
ENGL 1010*	Introduction to Writing	ENGL 1000 with C- or higher (or appropriate test scores within 5 years)	3
ENGL 2010	Intermediate Writing	ENGL 1010 with C- or higher (or appropriate test scores within 5 years)	3
MATH 1050	College Algebra	MATH 1000 or 1010 with a C or higher	4
American Institutions: HIST 1700 American Civilization or HIST 1740 US Economic History or POLS 1000 American Heritage or POLS 1100 American National Gov't or HIST 2700 & HIST 2710 US History			3
HLTH 1100 OR PES 1097	Personal Health & Wellness Fitness for Life		2
PHIL 2050	Ethics & Values	ACT scores of 29+ in English and Reading taken within the last five years or completion of ENGL 1010 or ENGL 101H with a grade of C- or higher.	3
HUMANITIES	COMM 1020		3
SOCIAL SCIENCE	COMM 2110		3
Fine Arts Distribution			3
Biology Science Distribution			3
PHYS 2210 & 2215 Physics for Scientists & Engineers I & lab		MATH 1210	5
Complete one of the following course/lab combinations: * BIOL 1610 & 1615 College Biology I & lab CHEM 1210 & 1215 Principles of Chemistry I & lab GEO 1010 & 1015 & 202R Introduction to Geology & labs PHYS 2020 & 2025 College Physics II & lab PHYS 2220 & 2225 Physics for Scientists & Engineers II& lab		ACT composite score of 21+, or completion of ENGL1010 (or higher) with a minimum grade of C- MATH 1050, prior chemistry experience highly recommended. PHYS 2010 (or PHYS 2210 & PHYS Dept. Approval) PHYS 2210 & MATH 1220	5
Total GE credits required			40
Total Credits Required for Degree:			63

Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above with no grade lower than a C- in Discipline Core courses.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Footnote

*Minimum grade of C- required

■ NOTE: Students planning to continue on for a Bachelor's Degree should work closely with a CS Advisor.

Advisors:

<https://www.uvu.edu/cet/advising/departments/cs.html>