

**COMPUTER SCIENCE CORE REQUIREMENTS**

AS-  
COSC2

COURSE #	COURSE TITLE	PREREQUISITE	CR	
CS 1400	Fundamentals of Programming	MAT 1000 or 1010 with a B or higher. CS 1030 recommended	3.0	F,Sp,Su
CS 1410	Object-Oriented Programming	CS 1400 & (MATH 1050 or MATH 1055 with a C+ or better, or MATH above 1050)	3.0	F,Sp,Su
CS 2300	Discrete Mathematical Structures I	CS 1410 & (MATH 1050 or higher)	3.0	F,Sp,Su
CS 2420	Intro to Algorithms & Data Structures	CS 1410	3.0	F,Sp,Su
CS 2550	Web Programming I	CS 1410 or DGM 2760 or INFO 1200	3.0	F,Sp
CS 2810	Computer Organization and Architecture	CS 1400	3.0	F,Sp,Su
*MATH 1210	Calculus I QL	One of the following within the past 2 years: (MATH 1050 or MATH 1055) & MATH 1060, each with a grade of C or higher; OR MATH 1080 with a grade of C or higher; OR by appropriate math placement score.	5.0	F,Sp,Su

**GENERAL EDUCATION REQUIREMENTS**

COURSE #	COURSE TITLE	PREREQUISITE	CR	
ENGL 1010 or ENGH 1005	Introduction to Writing Literacies and Compositions Across Contexts CC	ENGL 1000 with C- or higher (or appropriate test scores within 5 years) ENGL 0890 (or appropriate placement scores.)	3.0	
ENGL 2010	Intermediate Writing	ENGL 1010 with C- or higher (or appropriate test scores within 5 years)	3.0	
MAT 1030 or 1035 STAT 1040 or 1045 MATH 1050 or 1055 MATH 1090	Quantitative Literacy	Within the past two years one of the following: MAT 1000 or MAT 1010 w/ a grade of C or better or by appropriate math placement score.	4.0	
AMERICAN INSTITUTIONS Choose option 1 or 2	1. (One class) HIST 1700 American Civilization, or HIST 1740 US Economic History, or POLS 1000 American Heritage, or POLS 1100 American National Gov't 2. (Two classes) US History (HIST 2700 & HIST 2710)		3.0	
HLTH 1100 or PES 1097	Personal Health & Wellness or Fitness for Life		2.0	
PHIL 2050	Ethics & Values	ENGL 1010 (ENGL 2020 highly recommended.)	3.0	
HUMANITIES DISTRIBUTION	COMM 1020 & 1025	Public Speaking and Lab are Required. A grade of C- or higher is required.	3.0	
SOCIAL/BEHAVIORAL SCIENCE DISTRIBUTION	COMM 2110	Interpersonal Communication is Required. A grade of C- or higher is required.	3.0	
PHYSICAL SCIENCE DISTRIBUTION	PHYS 2210 and 2215	Physics for Scientists and Engineers I and Lab Required. A grade of C- or higher is required.	5.0	
<b>THIRD SCIENCE DISTRIBUTION—Complete one of the following:</b>			5.0	
CHEM 1210 & 1215	Principles of Chemistry I and Lab	MATH 1080, 1050, 1055 with C- or better or placement into 1060 or higher, (CHEM 1010 or high school recommended.) Corequisite: CHEM 1215		
BIOL 1610 & 1615	College Biology I and Lab	ACT (or equivalent) composite score of 21+, or completion of ENGL1010 (or higher) with a minimum grade of C-		
PHYS 2020 & 2025	Physics for Scientists and Engineers I and Lab	PHYS 2010 Corequisite(s): PHYS 2025		
PHYS 2220 & 2225	Physics for Scientists and Engineers II and Lab	PHYS 2210 Corequisite(s): PHYS 2225 and Pre or Corequisite: MATH 1220		
BIOLOGY SCIENCE DISTRIBUTION (see Wolverine Track for class list)			3.0	
FINE ARTS DISTRIBUTION (see Wolverine Track for class list)			3.0	
			Core Credits Required	23
			GE Credits Required	39
Total Credits Required for Degree:				62

✓ **Minimum grade of "C-" required unless a higher grade is designated.**

ADVISOR SITE:

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

**Graduation Requirements:**

1. Completion of a minimum of 62 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