COMPUTING & NETWORKING CORE REQUIREMENTS				AAS-COSC2-CPNW
COURSE #	**COURSE TITLE**	**PREREQUISITE**	**CR**	
CS 1400	Fundamentals of Programming	MAT 1010 or 1015 with a B or higher. CS 1030 recommended.	3.0	F,Sp,Su
CS 2600	Computer Networks I	CS 2810 or (INFO 1200 and IT 1600)	3.0	F,Sp
CS 2810	Computer Organization & Architecture	CS 1400	3.0	F,Sp,Su
COMPUTING & NETWORKING EMPHASIS REQUIREMENTS				
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 2370	C++ Programming	CS 1410	3.0	F,Sp
CS 2420	Intro to Algorithms & Data Structures	CS 1410	3.0	F,Sp,Su
CS 2450	Software Engineering	CS 2300, CS 2420	3.0	F,Sp,Su
CS 2550	Web Programming I	CS 1410 or DGM 2760 or INFO 1200	3.0	F,Sp,Su
CS 2690	Computer Networks II	CS 1410, CS 2300, CS 2370, CS 2600, and Pre- or Corequisite: MATH 1210	3.0	F,Sp
MATH 1210	Calculus I (minimum grade of C- required for AAS degree; C+ for BS)	One of the following within the past 2 years: (MATH 1050 & MATH 1060) or (MATH 1080) each with a grade of C or higher; OR appropriate math placement score.	5.0	F,Sp,Su
COMPUTING & NETWORKING ELECTIVE REQUIREMENTS				
Complete 16 credits from the following courses (minimum grade of C- required). (Must be approved by CSE Department. See CSE Advisor):				
CS 1030	Foundations of Computer Science		3.0	F,Sp,Su
CS 281R	Internship (3.0 credits max.)	Prerequisite(s): Department approval. May be repeated 3 times.	3.0	F,Sp,Su
ECE 2700 ECE 2705	Digital Design I & Digital Design I Lab	Prerequisite(s): MATH 1050 or MATH 1055 & Corequisite(s): ECE 2705	3.0 1.0	F,Sp
IT 1510	Intro. to System Administration--Linux/UNIX	INFO 1120 recommended	3.0	F,Sp,Su
MATH 1220	Calculus II	MATH 1210 or MATH 121H with a grade of C or higher	5.0	F,Sp,Su
PHYS 2215	Physics for Scientists & Engineers I Lab	Corequisite(s): PHYS 2210	1.0	F,Sp,Su
GENERAL EDUCATION REQUIREMENTS				
COURSE #	**COURSE TITLE**	**PREREQUISITE**		**CR**
ENGL 1010 or ENGH 1005 (5 cr.)	Introduction to Writing Literacies and Compositions Across Contexts CC	Appropriate placement scores within last 5 years ENGH 0890 (or appropriate placement scores.)		3.0
HUMANITIES/FINE ARTS/ FOREIGN LANGUAGE1	(see Wolverine Track for class list)			3.0
PHYS ED/HEALTH/ SAFETY	HLTH 1100 or EXSC 1097			2.0
SOCIAL/BEHAVIORAL	COMM 2110			3.0
BIOLOGY or PHYS 2210	(see Advisor for suggestions)			3.0
			Core Credits Required	9
			Emphasis Credits Required	26
			Elective Credits Required	16
			GE Credits Required	13
Total Credits Required for Degree:				64

✓ ***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 64 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
   Footnote: [1] COMM 1020 and COMM 1025 recommended [2] HLTH 1100 or PES 1097 recommended