

# B.S. in Computer Science w/EAE 2023-24

For students who place into CS 1420 and Calculus 1  
 ♦ 120 credits total ♦

Year 1		Year 2		Year 3		Year 4	
Fall (14)	Spring (17)	Fall (16)	Spring (16)	Fall (16)	Spring (16)	Fall (15)	Spring (12)
<b>CS 1420</b> Accel Object Oriented Prog 4 FA/SP	<b>CS 2420</b> Intro to Algorithms & Data Structure 4 FA/SP/SU	<b>CS 3500</b> Software Practice 1 4 FA/SP	<b>CS 3505</b> Software Practice 2 3 FA/SP	<b>CS 4400</b> Computer Systems 3 FA/SP	<b>CS 4150</b> Algorithms 3 FA/SP	<b>EAE 4500</b> Senior Project 1 3 FA	<b>EAE 4510</b> Senior Project 2 3 SP
*CO-reqs *MATH 1210 also accepted*	*CO-reqs *MATH 2200 also accepted*	<b>CS 2100</b> Discrete Structures 3 FA/SP	<b>CS 3130</b> Engineering Prob & Stats 3 FA/SP	<b>EAE 3720</b> Alternative Game Development 4 FA/SP/SU	<b>EAE 3710</b> Traditional Game Development 4 FA/SP/SU	<b>CS Elective</b> 3 FA/SP	<b>CS Elective</b> 3 FA/SP
<b>MATH 1210</b> Calculus 1 4 FA/SP/SU	<b>MATH 1220</b> Calculus 2 4 FA/SP/SU	<b>MATH 2270</b> Linear Algebra 3 FA/SP/SU	<b>CS 3810</b> Computer Organization 4 FA/SP	<b>CS 3100</b> Software Practice 3 FA/SP	<b>CS Elective</b> 3 FA/SP	<b>CS Elective</b> 3 FA/SP	<b>Math/Science Elective</b> 3 FA/SP/SU
<b>EAE 1050</b> Digital Content Creation 3 FA/SP/SU	<b>EAE 2100</b> Intro to Game Design 3 FA/SP/SU	<b>EAE 3010</b> Asset Pipeline 3 FA/SP/SU	<b>EAE 3660</b> Interactive Machinima 3 FA/SP	<b>CS Elective</b> 3 FA/SP	<b>CS Elective</b> 3 FA/SP	<b>General Education (AI)</b> 3 FA/SP/SU	<b>General Education (HF)</b> 3 FA/SP/SU
<b>General Education (BF)</b> 3 FA/SP/SU	<b>WRTG 2010</b> Intermediate Writing 3 FA/SP/SU	<b>DES 2615</b> Intro to Design Thinking 3 FA/SP	<b>Math/Science Elective</b> 3 FA/SP/SU	<b>ARTX 3600</b> OR <b>WRTG 4030</b> 3 FA/SP/SU	<b>General Education (BF)</b> 3 FA/SP/SU	<b>General Education (HF)</b> 3 FA/SP/SU	<b>General Education (HF)</b> 3 FA/SP/SU
				*pre-req WRTG 2010*			

Ready to apply to the program? Access the application link located in the Student Handbook!

- Fill in with math, science, or engineering courses that have MATH 1220 as pre- or co-requisite. BIOL 1610, CHEM 1210, and PHYS 2010 also accepted--see handbook.cs.utah.edu for choice restrictions.
- ◉ Fill in with area focus electives--see handbook.cs.utah.edu
- ☛ DV and IR requirements can be combined with HF/BF electives
- ✓ Engineering Calculus--MATH 1310 & MATH 1320 also accepted
- Ⓒ Students pursuing Honors and choosing the project must take CS 4998 concurrently with EAE 4510 to satisfy the Honors Thesis Work
- \* Honors options available
- ♦ 122 credit hours required for graduation
- gray = Pre-Major Courses