

B.S. in Computer Science 2023-24

For students starting with CS 1420 and Calculus 1

Year 1		Year 2		Year 3		Year 4	
Fall (17)	Spring (17)	Fall (14)	Spring (13)	Fall (12)	Spring (12)	Fall (12)	Spring (12)
CS 1420 Accel Object Oriented Prog 4 FA/SP	CS 2420 Intro Algorithms & Data Structures 4 EA/SP/SU	CS 3500 Software Practice 1 4 EA/SP	CS 3505 Software Practice 2 3 FA/SP	CS 4400 Computer Systems 3 FA/SP	CS 4150 Algorithms 3 FA/SP	CS 4000 Senior Capstone Design 3 FA/SP	CS 4500 Senior Capstone Project 3 FA/SP
MATH 1210 Calculus 1 4 EA/SP/SU	MATH 1220 Calculus 2 4 FA/SP/SU	CS 2100 Discrete Structures 3 EA/SP	CS 3810 Computer Organization 4 EA/SP	CS 3100 Models of Computation 3 EA/SP	CS Elective * [⊙]	CS 4940 Undergraduate Research 3 FA/SP	CS 4970 Bachelors Thesis 3 FA/SP
General Education (HF) 3 FA/SP/SU	General Education (WRTG 2010) 3 FA/SP/SU	MATH 2270 Linear Algebra 4 EA/SP/SU	CS 3130 Eng. Prob & Stats 3 FA/SP	CS Elective 3 FA/SP	CS Elective 3 FA/SP	CS Elective 3 FA/SP	CS Elective 3 FA/SP
General Education (FF) 3 FA/SP/SU	General Education (HF) 3 FA/SP/SU	General Education (AI) 3 FA/SP/SU	General Education (BF) 3 FA/SP/SU	Math/Science Elective 3 FA/SP/SU	WRTG 3014 or 3015 Scientific or Professional Writing 3 FA/SP/SU	CS Elective 3 FA/SP	CS Elective 3 FA/SP
General Education (BF) 3 FA/SP/SU	General Education (FF) 3 FA/SP/SU	*MATH 2200 also accepted*	*pre-req WRTG 2010*	Math/Science Elective 3 FA/SP/SU	Math/Science Elective 3 FA/SP/SU	Math/Science Elective 3 FA/SP/SU	Math/Science Elective 3 FA/SP/SU

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.
- ⊕ Students pursuing Honors and choosing the project must take CS 4998 concurrently with CS 4500 to satisfy the Honors Thesis Work. Honors students pursuing the thesis must take CS 4999 (instead of CS 4970)
- ⊙ Fill in with 3000+ level CS courses--see handbook.cs.utah.edu
- * Alternatively, CS 3200 can be taken in the spring and a CS elective in the fall
- ⊖ DV and IR requirements can be combined with HF/FF/BF electives
- ✓ Engineering Calculus--MATH 1310 & MATH 1320 also accepted
- ◆ Honors options available

gray = Pre-Major Courses

109 credit hours total
 122 credit hours required for graduation