Computer Science B.S. Degree - Requirements 2024-25

Questions? Contact a SoC Academic Advisor or email ugrad-help@cs.utah.edu
See handbook.cs.utah.edu for complete details and additional restrictions

Course	Title	Credits	Designation	Notes	Planned Semester	DV choose 1	IR choose 1
GENERAL EDUCATION							
WRTG 2010	*Intermediate Writing*	3	WR2	☾			
WRTG 3014 or 3015		3	CW	☾			
_____	_____	3	AI	☾			
_____	_____	3	FF	☾ ✳		☐	☐
_____	_____	3	HF	☾ ✳		☐	☐
_____	_____	3	BF	☾ ✳		☐	☐
_____	_____	3	LS	☾ ✳		☐	☐
_____	_____	3	PS	☾ ✳		☐	☐
PRE-MAJOR							
CS 1400	*Intro to Comp Prog*	4					
CS 1410	*Intro to OOP*	4					
OR							
CS 1420	*Accel OOP*	4					
CS 2420	*Intro to Algs & DS*	4					
MATH 1210	*Calculus 1*	4	QL	☾ ■			
MATH/SCIENCE ELECTIVES							
MATH 1220	*Calculus 2*	4		☾ ■			
MATH 2270	*Linear Algebra*	4					
CS 3130	*Eng Prob & Stats*	3	QI				
_____	_____	3		⊙☾✳			
CS REQUIRED CORE							
CS 2100	*Discrete Structures*	3		✓			
CS 3500	*Software Practice 1*	4					
CS 3505	*Software Practice 2*	3					
CS 3810	*Computer Org*	3	QI				
CS 4150	*Algorithms*	3	QI				
CS 4400	*Computer Systems*	3	QI				
CS ELECTIVES See handbook.cs.utah.edu for full list of available electives							
CS _____	_____	3					
CS _____	_____	3					
CS _____	_____	3					
CS _____	_____	3					
CS _____	_____	3					
CS _____	_____	3					
CS _____	_____	3					
THEORY RESTRICTED ELECTIVE Choose CS 3100 (FA/SP) or CS 3200 (SP)							
CS _____	_____	3					
SENIOR CAPSTONE REQUIREMENT Choose CS 4000, 4500 (Project) or CS 4940, 4970 (Thesis)							
CS _____	_____	3					
CS _____	_____	3		❁			

103 total credits ◓

☾ Honors options available see honors.utah.edu

✳ 4 credit options accepted

■ Engineering Calculus, MATH 1310 and 1320, also accepted

⊙ Fill in with math, science, or engineering courses that have MATH 1220 as pre- or co- requisite. BIOL 1610, CHEM 1210, or PHYS 2010 also accepted

❁ Students pursuing Honors and choosing project must take CS 4998 concurrently with CS 4500 to satisfy the Honors Thesis Work

◓ Minimum 122 credits required for graduation

✓ MATH 2200 also accepted