

Computer Science B.S. Degree – Requirements 2022-23

See handbook.cs.utah.edu for complete details and additional restrictions.

Questions? Contact a CS Academic Advisor: book_appointment or ugrad-help@cs.utah.edu

	Course	Title	Credits	Designation	Notes	Planned Semester	
GENERAL EDUCATION	WRTG 2010	<i>Intermediate Writing</i>	3	WR2	†	_____	
	WRTG 3014 or 3015		3	CW	†	_____	DV IR
	_____		3	AI	†	_____	choose choose
	_____		3	FF	†◁	_____	1 1
	_____		3	FF	†◁	_____	<input type="checkbox"/> <input type="checkbox"/>
	_____		3	HF	†◁	_____	<input type="checkbox"/> <input type="checkbox"/>
	_____		3	HF	†◁	_____	<input type="checkbox"/> <input type="checkbox"/>
	_____		3	BF	†◁	_____	<input type="checkbox"/> <input type="checkbox"/>
PRE-MAJOR	CS 1400	<i>Intro to Comp Prog</i>	4			_____	† Honors options available see honors.utah.edu
	and						
	CS 1410	<i>Intro to OOP</i>	4			_____	
	Or						
	CS 1420	<i>Accel OOP</i>	4			_____	◁ 4 credit options accepted
CS 2420	<i>Intro to Algs & DS</i>	4			_____		
MATH 1210	<i>Calculus I</i>	4	QR	★†	_____	★ Engineering Calculus, MATH 1310 and 1320, also accepted	
MATH 1220	<i>Calculus II</i>	4	QR	★†	_____		
MATH/SCI.	CS 3130	<i>Eng Prob & Stats</i>	3	QI		_____	※ 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 – see handbook.cs.utah.edu for choice restrictions
	MATH 2270	<i>Linear Algebra</i>	4	QR		_____	
	_____		3		※†◁	_____	
	_____		3		※†◁	_____	
CS REQ.	CS 2100	<i>Discrete Structures</i>	3		▽	_____	▽ MATH 2200 also accepted
	CS 3500	<i>Software Practice I</i>	4			_____	
	CS 3505	<i>Software Practice II</i>	3			_____	
	CS 3810	<i>Computer Org</i>	4	QI		_____	⊛ Fill in with 3000+ level CS courses – see handbook.cs.utah.edu for choice restrictions and alternatives
	CS 4150	<i>Algorithms</i>	3	QI		_____	
	CS 4400	<i>Computer Systems</i>	3	QI		_____	
CS ELECTIVES	CS _____	_____	3		⊛◁	_____	
	CS _____	_____	3		⊛◁	_____	
	CS _____	_____	3		⊛◁	_____	‡ Students pursuing Honors and choosing Project must take CS 4998 concurrently with CS 4500 to satisfy the Honors Thesis Work
	CS _____	_____	3		⊛◁	_____	
	CS _____	_____	3		⊛◁	_____	
	CS _____	_____	3		⊛◁	_____	
	CS _____	_____	3		⊛◁	_____	
THEORY RESTRICTED ELECTIVE			Choose CS 3100 (Fa/Sp) or CS 3200 (Sp)				⊛ Minimum 122 credits required for graduation
CS _____	_____	3	_____				
SENIOR CAPSTONE REQUIREMENT			Choose CS 4000, 4500 (Project) or CS 4940, 4970 (Thesis)				
CS _____	_____	3	_____				
CS _____	_____	3		‡	_____		

113 total credits