

Computer Science B.S. Degree - Requirements 2023-24

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	IR choose
GENERAL EDUCATION	WRTG 2010	3	WR2	Ⓒ	_____	1	1
	WRTG 3014 or 3015	3	CW	Ⓒ	_____		
	_____	3	AI	Ⓒ	_____		
	_____	3	FF	Ⓒ *	_____	<input type="checkbox"/>	<input type="checkbox"/>
	_____	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"/>
_____	3	BF	Ⓒ *	_____	<input type="checkbox"/>	<input type="checkbox"/>	

PRE-MAJOR	CS 1400	4			_____		
	CS 1410	4			_____		
	OR						
	CS 1420	4			_____		
CS 2420	4				_____		
MATH 1210	4	QR	Ⓒ ■		_____		

Ⓒ Honors options available see honors.utah.edu

* 4 credit options accepted

■ Engineering Calculus, MATH 1310 and 1320, also accepted

MATH/SCIENCE ELECTIVES							
MATH 1220	Calculus 2	4	QR	Ⓒ ■	_____		
MATH 2270	Linear Algebra	4	QR		_____		
CS 3130	Eng Prob & Stats	3	QI		_____		
_____	_____	3		ⓄⒸ*	_____		
_____	_____	3		ⓄⒸ*	_____		
_____	_____	3		ⓄⒸ*	_____		

Ⓞ 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

CS REQUIRED CORE							
CS 2100	Discrete Structures	3		✓	_____		
CS 3500	Software Practice 1	4			_____		
CS 3505	Software Practice 2	3			_____		
CS 3810	Computer Org	4	QI		_____		
CS 4150	Algorithms	3	QI		_____		
CS 4400	Computer Systems	3	QI		_____		

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

CS ELECTIVES <small>See handbook.cs.utah.edu for full list of available electives</small>							
CS _____	_____	3			_____		
CS _____	_____	3			_____		
CS _____	_____	3			_____		
CS _____	_____	3			_____		
CS _____	_____	3			_____		
CS _____	_____	3			_____		
CS _____	_____	3			_____		

● Minimum 122 credits required for graduation

THEORY RESTRICTED ELECTIVE <small>Choose CS 3100 (FA/SP) or CS 3200 (SP)</small>							
CS _____	_____	3			_____		

✓ MATH 2200 also accepted

SENIOR CAPSTONE REQUIREMENT <small>Choose CS 4000, 4500 (Project) or CS 4940, 4970 (Thesis)</small>							
CS _____	_____	3			_____		
CS _____	_____	3		⊗	_____		