

Software Development B.S. Degree Requirements 2023-24

Questions? Contact a SoC Academic Advisor or email ugrad-help@cs.utah.edu

Course	Title	Credits	Designation	Notes	Planned Semester	DV choose	IR choose
GENERAL EDUCATION	WRTG 2010	Intermediate Writing	3	WR2	Ⓒ	_____	_____
	WRTG 3014 or 3015		3	CW	Ⓒ	_____	_____
	_____	_____	3	AI	Ⓒ	_____	_____
	_____	_____	3	FF	Ⓒ*	_____	<input type="checkbox"/>
	_____	_____	3	FF	Ⓒ*	_____	<input type="checkbox"/>
	_____	_____	3	HF	Ⓒ*	_____	<input type="checkbox"/>
	_____	_____	3	HF	Ⓒ*	_____	<input type="checkbox"/>
	_____	_____	3	BF	Ⓒ*	_____	<input type="checkbox"/>
	_____	_____	3	BF	Ⓒ*	_____	<input type="checkbox"/>
_____	_____	3	QI	Ⓒ*	_____	<input type="checkbox"/>	
PRE-MAJOR	CS 1810	Intro to Comp Sys	3			_____	
	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	QR	Ⓒ▪	_____		
MATH/SCIENCE ELECTIVES							
_____	_____	3		Ⓒ*⊙	_____		
_____	_____	3		Ⓒ*⊙	_____		
SD REQUIREMENTS	DS 2500	Data Wrangling	3			_____	
	CS 3090	Ethics in Computing	3			_____	
	CS 3500	Software Practice 1	4			_____	
	CS 3505	Software Practice 2	3			_____	
	CS 3540	Designing HCE	3			_____	
	CS 3550	Web Software 1	3			_____	
	CS 4550	Web Software 2	3			_____	
	CS 4440	Computer Security	3			_____	
	CS 4530	Mobile App Prog	3			_____	
	CS 4011	Professional Dev	1			_____	
CS 5530	Database Systems	3	QI		_____		
ELECTIVES	CS _____	_____	3		✓*	_____	
	CS _____	_____	3		✓*	_____	
	CS _____	_____	3		✓*	_____	
	CS _____	_____	3		✓*	_____	
DESIGN/MANAGEMENT/ENTREPRENEURSHIP <small>see handbook.cs.utah.edu for choices and restrictions</small>							
_____	_____	3		*	_____		
_____	_____	3		*	_____		
SENIOR CAPSTONE REQUIREMENT							
CS 4000	Sr Capstone Design	3				_____	
CS 4500	Sr Capstone Project	3		⊗		_____	

Ⓒ Honors options available see honors.utah.edu

* 4 credit options accepted

▪ Engineering Calc, MATH 1310, also accepted

⊙ Fill in with math, science, or engineering courses that have MATH 1210 as pre- or co-requisite. CS 2100, BIOL 1610, CHEM 1210, and PHYS 2010 also accepted

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

☛ Minimum 122 credits required for graduation

✓ Fill in with 3000+ level CS courses