

# Software Development B.S. Degree Requirements 2024-25

Questions? Contact a KSoC Academic Advisor or email [ugrad-help@cs.utah.edu](mailto:ugrad-help@cs.utah.edu)

Course	Title	Credits	Designation	Notes	Planned Semester	DV choose	IR choose
<b>GENERAL EDUCATION</b>							
WRTG 2010	Intermediate Writing	3	WR2	Ⓒ	_____	_____	_____
WRTG 3014 or 3015		3	CW	Ⓒ	_____	1	1
_____	_____	3	AI	Ⓒ	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	3	FF	Ⓒ *	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	3	HF	Ⓒ *	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	3	BF	Ⓒ *	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	3	LS	Ⓒ *	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	3	PS	Ⓒ *	_____	<input type="checkbox"/>	<input type="checkbox"/>
<b>PRE-MAJOR</b>	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	QL	Ⓒ ▪	_____		
<b>MATH/SCIENCE ELECTIVES</b>							
_____	_____	3		Ⓒ * ⓪	_____		
_____	_____	3		Ⓒ * ⓪	_____		
<b>SD REQUIREMENTS</b>	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		_____		
<b>ELECTIVES</b>	CS _____	_____	3		_____		
	CS _____	_____	3		_____		
	CS _____	_____	3		_____		
	CS _____	_____	3		_____		
<b>DESIGN/MANAGEMENT/ENTREPRENEURSHIP</b> <small>see <a href="http://handbook.cs.utah.edu">handbook.cs.utah.edu</a> for choices and restrictions</small>							
_____	_____	3		*	_____		
_____	_____	3		*	_____		
<b>SENIOR CAPSTONE REQUIREMENT</b>							
CS 4000	Sr Capstone Design	3			_____		
CS 4500	Sr Capstone Project	3		⊗	_____		

Ⓒ Honors options available see [honors.utah.edu](http://honors.utah.edu)

\* 4 credit options accepted

▪ Engineering Calc, MATH 1310, also accepted

⓪ 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