

Software Development w/EAE 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			
GENERAL EDUCATION	WRTG 2010	Intermediate Writing	3	WR2	Ⓒ	_____	DV	IR
	ARTX 3600 or WRTG 4030		3	CW	Ⓒ	_____	choose	choose
	_____	_____	3	AI	Ⓒ	_____	1	1
	ART 1020	Basic Drawing	3	FF		_____	<input type="checkbox"/>	<input type="checkbox"/>
	DES 2615	Intro Design Thinking	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"/>
_____	_____	3	QI	Ⓒ *	_____			
PRE-MAJOR	CS 1810	Intro to Comp Sys	3			_____	Ⓒ Honors options available see honors.utah.edu	
	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			_____	* 4 credit options accepted		
MATH 1210	Calculus 1	4	QR	Ⓒ ■	_____	■ Engineering Calc, MATH 1310, also accepted		
MATH/SCIENCE ELECTIVES								
_____	_____	3		Ⓒ * ○	_____	○ 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		
_____	_____	3		Ⓒ * ○	_____			
SD REQUIREMENTS	DS 2500	Data Wrangling	3			_____	⊗ Students pursuing Honors must take CS 4998 concurrently with CS 4500 to satisfy the Honors Thesis Work	
	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 see handbook.cs.utah.edu for choices & restrictions								
CS _____	_____	3		✓ *	_____	☛ Minimum 122 credits required for graduation		
CS _____	_____	3		✓ *	_____			
EAE REQUIREMENTS								
EAE 1050	Digital Con. Creation	3			_____	✓ Fill in with 3000+ level CS courses		
EAE 2100	Intro to Game Design	3			_____			
EAE 3010	Asset Pipeline	3			_____			
EAE 3660	Machinima	3			_____			
EAE 3710	Traditional Game Dev.	4			_____			
EAE 3720	Alt. Game Dev.	4			_____			
SENIOR CAPSTONE REQUIREMENT								
EAE 4500	Senior Project 1	3			_____	⊗		
EAE 4510	Senior Project 2	3			_____			