Computer Science + Games Requirements 2024-25

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

Course	Title	Credits	Designation	Notes	Planned Semester

GEN EDS

Course	Title	Credits	Designation	Notes	Planned Semester	DV choose 1	IR choose 1
WRTG 2010	Intermediate Writing	3	WR2	☾	_____		
WRTG 3014 or 3015		3	CW	☾	_____		
_____	_____	3	AI	☾	_____		
_____	_____	3	FF	☾ ✳	_____	☐	☐
_____	_____	3	HF	☾ ✳	_____	☐	☐
_____	_____	3	BF	☾ ✳	_____	☐	☐
_____	_____	3	LS	☾ ✳	_____	☐	☐
_____	_____	3	PS	☾ ✳	_____	☐	☐

PRE-MAJOR

Course	Title	Credits	Designation	Notes	Planned Semester
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	☾ ▪	_____

MATH/SCIENCE ELECTIVES

Course	Title	Credits	Designation	Notes	Planned Semester
MATH 1220	Calculus 2	4		☾ ▪	_____
MATH 2270	Linear Algebra	4			_____
CS 3130	Eng Prob & Stats	3	QI		_____
_____		3		◉☾✳	_____

CS REQUIRED CORE

Course	Title	Credits	Designation	Notes	Planned Semester
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		_____

CS ELECTIVES See handbook.cs.utah.edu for full list of available electives

Course	Title	Credits	Designation	Notes	Planned Semester
CS _____	_____	3			_____
CS _____	_____	3			_____
CS _____	_____	3			_____
CS _____	_____	3			_____
CS _____	_____	3			_____
CS _____	_____	3			_____
CS _____	_____	3			_____

THEORY RESTRICTED ELECTIVE Choose CS 3100 (FA/SP) or CS 3200 (SP)

Course	Title	Credits	Designation	Notes	Planned Semester
CS _____	_____	3			_____

SENIOR CAPSTONE REQUIREMENT Choose CS 4000, 4500 (Project) or CS 4940, 4970 (Thesis)

Course	Title	Credits	Designation	Notes	Planned Semester
CS _____	_____	3			_____
CS _____	_____	3		❀	_____

GAMES MINOR REQUIREMENTS

Course	Title	Credits	Designation	Notes	Planned Semester
GAMES 1010	Survey of Games	3			_____
GAMES 1050	Dig. Content Creation	3			_____
GAMES 3010	Asset Pipeline	3			_____
GAMES 3710	Trad. Game Dev.	4			_____
GAMES 3660 or 3720		3-4			_____
Choose two courses (6 credits) from GAMES 3000-5999					

126 total credits ☙

Sidebar notes:

☾ Honors options available see honors.utah.edu

✳ 4 credit options accepted

▪ Engineering Calculus, MATH 1310 and 1320, also accepted

◉ 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

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

☙ Minimum 122 credits required for graduation

✓ MATH 2200 also accepted