

Computer Science HONORS Plan

Track A: Students must test out of CS 1030 and be Calculus-ready for Track A.

	Fall Semester			Spring Semester		
Freshman (28 credits)	CS 1410 Math 1210* General Ed* General Ed*	Object Or Prog. Calc I	4 4 3 3	CS 2420 Math 1220* Wrtg 2010* General Ed*	Data Str/ Algrthm Calc II Writing	4 4 3 3
Sophomore (30 credits)	CS 3500 CS 3810 CS 3130 American Institutions (AI)* General Ed*	Software Prac. I Comp. Org. Eng Prob & Stats	4 4 4 3 3	CS 2100 CS 3505 CS elective General Ed/ Upper Division*	Discrete Software Prac. II	3 3 3 3
Junior (33 credits)	CS 4400 CS elective CS elective Math 2270 (IR)/ Upper Division *	Comp. Systems	4 3 3 4 3	CS Theory or CS elective CS 4150 Algorithms CS elective Wrtg 3012/3014/3015 (CW)* Phys 2210* Physics I		3 3 3 3 4
Senior (31 credits) 122 total credits	CS 4000 or CS 4940 CS Theory or CS elective CS Elective Math/ Science elective (Free elective if needed)		3 3 3 4 3	(CS 4500 + CS 4998) or CS 4999 CS elective Math/ Science elective General Ed/ (DV)* (Free elective if needed)		4 or 3 3 4 3 2

Track B: Students who test into CS 1030 and/ or may not be Calculus-ready in the fall will follow Track B.

	Fall Semester			Spring Semester		
Freshman (30 credits)	+CS 1030 ++Math 1210 * General Ed* General Ed*	Foundations of CS Calc I	3 4 3 3	CS 1410 Math 1220* Wrtg 2010* General Ed* General Ed/ (DV)*	Object Or Prog. Calc II Writing	4 4 3 3 3
Sophomore (32 credits)	CS 2420 Math/ Science elective Phys 2210* American Institutions (AI)*	Data Str/ Algrthm Physics I	4 4 4 3	CS 3500 CS 3810 CS elective CS 3130 Wrtg 3012/3014/3015(CW)*	Software Prac. I Comp. Org.	4 4 3 3 3
Junior (32 credits)	CS 2100 CS 3505 Math 2270 CS elective Gen Ed/ (IR)/ Upper Division*	Discrete Software Prac. II Linear Algebra	3 3 4 3 3	CS 4150 Algorithms CS elective CS elective Math/ Science elective (Free elective if needed)		3 3 3 4 3
Senior (28 credits) 122 total credits	CS 4000 or CS 4940 CS Theory or CS elective CS 4400 Comp. Systems CS elective		3 3 4 3	(CS 4500 + CS 4998) or CS 4999 CS Theory or CS elective CS elective General Ed/ Upper Division* (Free elective if needed)		4 or 3 3 3 3 2

*Honors options available. See Honors Advisor for requirements.

†If you test out of CS 1030, but are not Calculus-ready, follow Track B. Replace CS 1030 with another gen ed in your first semester.

**Replace Calc I with your first level of math.

Choose CS 3100 (fall) or CS 3200 (spring) as the required theory course. Students are encouraged to take summer courses to ease the fall & spring semester schedule. See advisor for alternative schedule.