

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 Object Or Prog. 4 Math 1250 Calc for AP I 4 General Ed 3 General Ed 3	CS 2420 Data Str/ Algrthm 4 Math 1260 Calc for AP II 4 Wrtg 2010 Writing 3 General Ed 3
Sophomore (30 credits)	CS 3500 Software Prac. I 4 CS 3810 Comp. Org. 4 Math/ Science elective 4 American Institutions (AI) 3 General Ed 3	CS 2100 Discrete 3 CS 3505 Software Prac. II 3 CS elective 3 CS elective 3
Junior (33 credits)	CS 4400 Comp. Systems 4 CS elective 3 CS elective 3 Math 2270 or CS 3130 4 or 3 (IR)/ Upper Division 3	CS Theory or CS elective 3 CS 4150 Algorithms 3 CS elective 3 HONOR 3200 (CW) 3 Phys 3210 Physics I 4
Senior (31 credits) 122 total credits	CS 4000 or CS 4940 3 CS Theory or CS elective 3 Math/ Science elective 4 General Ed/ Upper Division 3 (Free elective if needed) 3	(CS 4500 + CS 4998) or CS 4999 4 or 3 CS elective 3 Math/ Science elective 4 General Ed/ (DV) 3 (Free elective if needed) 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 Foundations of CS 3 *Math 1250 Calc for AP I 4 General Ed 3 General Ed 3	CS 1410 Object Or Prog. 4 Math 1260 Calc for AP II 4 Wrtg 2010 Writing 3 General Ed 3 General Ed/ (DV) 3
Sophomore (33 credits)	CS 2420 Data Str/ Algrthm 4 Math/ Science elective 4 Phys 3210 Physics I 4 American Institutions (AI) 3	CS 3500 Software Prac. I 4 CS 3810 Comp. Org. 4 CS elective 3 Math/ Science elective 4 HONOR 3200 (CW) 3
Junior (32 credits)	CS 2100 Discrete 3 CS 3505 Software Prac. II 3 Math 2270 or CS 3130 4 or 3 CS elective 3 Gen Ed/ (IR)/ Upper Division 3	CS 4150 Algorithms 3 CS elective 3 CS elective 3 Math/ Science elective 4 (Free elective if needed) 3
Senior (27 credits) 122 total credits	CS 4000 or CS 4940 3 CS Theory or CS elective 3 CS 4400 Comp. Systems 4 CS elective 3	(CS 4500 + CS 4998) or CS 4999 4 or 3 CS Theory or CS elective 3 CS elective 3 General Ed/ Upper Division 3 (Free elective if needed) 2

* 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.