Computer Science Suggested 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	CS 2420	Data Str/ Algrthm	4
	Math 1210	Calc I	4	Math 1220	Calc II	4
	General Ed		3	Wrtg 2010	Writing	3
	General Ed		3	General Ed		3
Sophomore (29 credits)	CS 3500	Software Prac. I	4	CS 2100	Discrete	3
	CS 3810	Comp. Org.	4	CS 3505	Software Prac. II	3
	Math 2210	Calc III	3	CS elective		3
	American Institutions (AI)		3	CS elective		3
	General Ed		3			
Junior (33 credits)	CS 4400	Comp. Systems	4	CS Theory or CS elective		3
	CS elective		3	CS 4150	Algorithms	3
	CS elective		3	CS elective		3
	Math 2270 or CS 3130		4 or 3	Wrtg 3012, 3014 or 3015		3
	(IR)/ Upper Division		3	Phys 2210	Physics I	4
Senior (32 credits) 122 total credits	CS 4000 or CS 4940		3	CS 4500 or CS 4970		3
	CS Theory or CS elective		3	CS elective		3
	Math/ Science elective		4	Math/ Science elective		4
	General Ed/ Upper Division		3	General Ed/ (DV)		3
	(Free elective if needed)		3	(Free elective if needed)		3

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	CS 1410	Object Or Prog.	4
	*Math 1210 Calc I		4	Math 1220	Calc II	4
	General Ed		3	Wrtg 2010	Writing	3
	General Ed		3	General Ed		3
				General Ed/ (DV)		3
Sophomore (32 credits)	CS 2420	Data Str/ Algrthm	4	CS 3500	Software Prac. I	4
	Math 2210	Calculus III	3	CS 3810	Comp. Org.	4
	Phys 2210	Physics I	4	CS elective		3
	American Institutions (AI)		3	Math/ Science elective		4
				Wrtg 3012, 3014 or 3015		3
Junior (32 credits)	CS 2100	Discrete	3	CS 4150	Algorithms	3
	CS 3505	Software Prac. II	3	CS elective		3
	Math 2270 or CS 3130		4 or 3	CS elective		3
	CS elective		3	Math/ Science elective		4
	Gen Ed/ (IR)/ Upper Division		3	(Free elective if needed)		3
Senior (28 credits) 122 total credits	CS 4000 or CS 4940		3	CS 4500 or CS 4970		3
	CS Theory or CS elective		3	CS Theory or CS elective		3
	CS 4400	Comp. Systems	4	CS elective		3
	CS elective		3	General Ed/ Upper Division		3
				(Free elective if needed)		3

* 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.