Computer Science Curriculum BA Degree

Computer Science	Mathematics	Humanities-Arts	Freshman English
CS 164 (3)	MATH 101 (4)	Electives (12)	ENGL 101 (3)
CS 171 (3)	MATH 102 (4)	PHIL 311 (3)	ENGL 102 (3)
CS 172 (3)	MATH 239 (4)	COM 230 (3)	ENGL 103 (3)
CS 260 (3)	MATH 221 (3)		, ,
CS 265 (3)	STAT 201 (4)		University Seminar (Full-time)
CS 270 (3)	STAT 202 (4)		UNIV 101 (1)
CS 275 (3)**	(,	Social Studies	UNIV 101 (.5)
CS 281 (4)		Electives (12) ~ ≈	UNIV 101 (.5)
CS 350 (3)	Science ~	,	- (-,
CS 360 (3)	(18 credits) ^		COOP (Full-time only)
CS 451 (3)	(12 0101110)		COOP 1
====			COOP 2 °
Senior Design Sequence	e		COOP 3 °
CS 491 (3)		Int'l Studies Elects (6) ~	
CS 492 (3)		mer otadios Elects (c)	Free Electives
CS 493 (3)			(as needed to meet total
00 493 (3)			number of credits = 186.5)
		Women's/African Am. (6) ~	number of credits - 100.5)
8 Computer Science		Women s/Amcan Am. (6) ~	
<u>-</u>			
Elecs (incl. 2 complete	Math/Saignes Float (2)		
tracks - see below)	Math/Science Elect (3) ~	Egraign Language (9)	
		Foreign Language (8) ~	
			
			
CC Trooks (Commists 2 to	aka af 2 alaanaa aash fuum tha fallawir	CC alasta)	
Tracks may only overlap by	cks of 3 classes each from the following	ig C3 elects)	
Alg & Data Struct.	Artificial Intelligence	Comp & Network Security	Computer Architecture
* CS 440 (3)	* CS 380 (3)	* CS 472 (3)	* CS 352 / CS 282 (3-4)
* 00 457 (0)	(Choose two from CS 383,	* CS 475 (3)	(Choose two from ECEC 356,
* CS 457 (3)		* CS 303 (3)	·
CS 438 (3)	CS 385, CS 387, CS 481, CS 485)	C3 303 (3)	ECEC 413, CS 476/ECEC 414)
			
	0		
Comp Graphics & Vision	Computing Systems	Game Design & Devel. =	Human Comp Interaction ≈
* CS 430 (3)	* CS 361 (3)	* CS/GMAP 345 (3)	* CS/PSY 337 (3)
* CS 435 (3)	* CS 370 (3)	(Choose two from CS 347,	* CS 338 (3)
(Choose one from CS 338,	(Choose one from CS 365,	CS 348, CS 387, CS 445,	(Choose one from CS/GMAP 345,
CS 431, CS 432)	CS 461, CS 472)	GMAP 377, GMAP 378)	CS 430, CS 435, PSY 330)
Num & Symb Comput	Software Engineering	* Description of the state of	
* MATH 300 (4)			
W/\\ 000 (\		* Required course for that track	^ Including one of the following
* CS 300 (3)	* SE 311 (3)	** CS 275 is required for those who	sequences: BIO 122, 124, 126; or
* CS 300 (3) (Choose one from CS 303,			

Total Credits Needed: 186.5

MATH 301, MATH 305)

- ≈ PSY 101 is a prereq for the HCI track. PSY 101 will count as a general education <u>or</u> social studies elective.
- = GMAP 260 is a prereq for the Game track. GMAP 260 will only count as a FREE elective.
- CHEM 161, 162, 163, 164, 165; or PHYS 185, 186, 187, 188, 281, 282
- ~ Inquire in dept or CS website for list
- ° Students in 5-year co-op program