

Computer Science - Computer Science Track 2013-2014

FRESHMAN YEAR					
FALL			SPRING		
EN 101	Freshman Composition	3	EN 102	Freshman Composition	3
AR 101	Art Appreciation or	3	HL 101	Comprehensive Health	3
MU 107	Music Appreciation or		Social & Behavioral Sciences¹		3
TH 201	Theater Appreciation		PE 102	Concepts of Phy Ed	2
HI 101	World History to 1500 or	3	MA300	Calculus II	3
HI 201	Early American Hist		CS 203	Computer Programming I	3
*MA 299	Calculus I	3	CS 192	Computer Seminar	1
CS 112	Survey of Comp. Sci.	3			18
FY 101	Freshman Year Experience	1			
		16			
SOPHOMORE YEAR					
FALL			SPRING		
CS 204	Computer Prog. II	3	Humanities (EN202 or HI102,202,215)		3
PH 211	General Physics	3	PH 212	General Physics	3
PH 211L	Lab	1	PH 212L	Lab	1
CS 341	Discrete Structures	3	CS 205	Data Structures	3
EN 201	World Literature	3	CS 221	Java	3
MA 301	Calculus III	3	MA 325	Probability & Statistics	3
		16			16
JUNIOR YEAR					
FALL			SPRING		
CS 351	Database Mgmt. Sys.	3	CS 350	Principles of Prog. Languages	3
Social & Behavioral Sciences¹		3	CS 371	Operating Systems	3
CS 321	Computer Architecture	3	MA 331	Linear Algebra	3
CS 323	Intro to Algorithms	3	MA 421	Ord & Partial Diff. Equations	3
CS 398	Soc. & Eth. Iss. in CS	1	CS 425	Software Engineering	3
BI 111	General Biology I or				15
CH 111	General Chemistry I	3			
	LAB (BI 111L or CH 111L)	1			
		17			
SENIOR YEAR					
FALL			SPRING		
MA***	Elective	3	GE ***	General Elective	3
CS 431	Numerical Analysis	3	CS 422	Introduction to Networking	3
CS 455	Senior Project	3	CS 441	Language & Compilers	3
CS 491	Seminar	1	GE ***	General Elective	3
SP 201	Fundamentals of Speech	3	CS 492	Computer Seminar	1
		13			13

¹Select a Social and Behavioral Sciences course from the list below:

(ED 102, PS 201, SO211, PA101, BA 211, BA212, PS205, PS216, SO212, SO212, SO213)

Math and Computer Science electives must be 300 or above.

*Must make a math subtest score of 22 or greater on the ACT.

Total Hours = 124

Revised Spring 2013