

**Curriculum Outline: B.S. in Computer Science – Starting Fall 2014 (125 credit hours)
[CSC]**

Freshman Year			
Fall	Cr	Spring	Cr
MAT 117 – Pre-Calculus I	3	MAT 118 – Pre-Cal II	3
CSC 151 – Computer Programming I	4	CSC 152 – Computer Programming II	3
ENG 101 – Written Communication I	3	CSC 120 – Introduction to Computers	3
UNI 101 – The Individual and Life	1	ENG 102 – Written Communication II	3
HIS 106 – World Civil II	3	BIO 103 – General Biology	4
HEA 200 – Health Education (or 2 PE)	2		
	16		16
Sophomore Year			
Fall	Cr	Spring	Cr
MAT 151 – Calculus I	4	MAT 152 – Calculus II	4
CSC 204 – Architecture I	3	CSC 205 – Architecture II	3
CSC 251 – Data Structure I	3	CSC 252 – Data Structure II	3
CSC 215 – Discrete Structure	3	SOC 205 – Sociology	3
HUM 201 – Humanity I	3	HUM Elective	3
	16		16
Junior Year			
Fall	Cr	Spring	Cr
CSC 301 – Operating System	3	CSC 308 – Programming Languages	3
Technical Elective	3	CSC 570 – Database Management	3
MAT 305 – Probabilistic & Stats	3	MAT 208 – Linear Algebra	3
COM 103 – Oral Communication	3	PSY 203 – Intro to Psychology	3
PHY 203 – Intro to Physics I	3	PHY 204 – Intro to Physics II	3
PHY 215 – Intro to Physics I – Lab	1	PHY 216 – Intro to Physics II – Lab	1
	16		16
Senior Year			
Fall	Cr	Spring	Cr
CSC 404 – Software Design I / Senior Capstone	3	CSC 405 – Software Design II / Senior Capstone	3
CSC 425 – Senior Seminar	2	CSC Elective	3
CSC 382 – Intro to Cyber Security	3	CSC Elective	3
CSC 510 – Math Foundation	3	CSC Adv. Elective	3
ENG 218 – Technical Communication	3	CSC Adv. Elective	3
	14		15