



2016-2017 Bethune-Cookman University

Computer Science: Total Semester Hours=125

Freshman Year							
First Semester				Second Semester			
FC	110	Freshman Seminar I	1	FC	111	Freshman Seminar II	1
EN	131	College English I	3	EN	132	College English II	3
MAT	241	Calculus I	3	MAT	242	Calculus II	3
MATL	241	Calculus I Lab	1	MATL	242	Calculus II Lab	1
CS	215	Fundamentals of Sci. Computing	3	BI	141	General Biology I	3
HI	132	African American History	3	BIL	141	General Biology I	1
PE		Health and Wellness	1	RELI	110	Understanding Faith	3
Total			15	Total			15
Sophomore Year							
First Semester				Second Semester			
CS	230	Programming I	3	CS	231	Programming II	3
CSL	230	Programming I Lab	1	CSL	231	Programming I Lab	1
MAT	335	Linear Algebra	3	SC	230	Oral Communication	2
ML	131	Modern Language	3	PHIL	230	Ethics	2
CS	330	Databases	3	ML	132	Modern Language	3
FC	280	Sophomore Seminar: leadership	1	MAT	337	Probability and Statistics	3
HU 225 OR SS 245		Interdisciplinary Humanities OR Interdisciplinary Social Science	3			Free Elective	3
Total			17	Total			17
Junior Year							
First Semester				Second Semester			
CS	332	Computer Organization	3	EN	250	Technical Writing	3
CS	333	Data structures	3	CS	336	Software Engineering	3
PH	251	College Physics 1	4	PH	252	College Physics 2	4
PHL	251	College Physics 1 Lab	0	PHL	252	College Physics 2 Lab	0
CS	335	Discrete Structures	3	CS	340	Comp. Networks & Communication	3
CS	334	Object-oriented Design	3	CSI	340	Comp. Networks & Communication	1
ENT	300	Junior Seminar: Entrepreneurship	1				
Total			17	Total			14
Senior Year							
First Semester				Second Semester			
CS	437	Digital Circuits	3	CS	433	Operating Systems	3
CS	437	Digital Circuits Lab	1	CS	436	Computability	3
CS	497	Senior Design	3	CS	438	Computer Architecture	3
E	333	Net. Autonomous Robotics	3	CS	498	Senior Design II	3
EL	333	Net. Autonomous Robotics Lab	1	CIS	466	Network Security	3
CS	331	Mobile Application Development	3				
CS L	331	Mobile Application Development	1				
Total			15	Total			15

General Education Courses are in the shaded area.

*Based on your placement testing scores, these courses may require prerequisites which may extend the number of semesters needed to complete degree requirements. These prerequisites do not count towards the degree for graduation.

****MARCHING BAND MEMBERS ONLY, MUST substitute PE Activity with MUB 110 Marching Band.**

****ROTC MEMBERS ONLY, substitute PE Activity with MY 104 Basic Military Science and MYL 104 MY 104 Basic Military Science Lab. (ROTC)**