

2016-2017 Bethune-Cookman University

Computer Information Systems : Total Semester Hours=121

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	134	College Algebra	3	MAT	135	Pre-Calculus	3
RELI	110	Understanding Faith	3	BI	131	General Biology	3
HI	130	African American History	3	PE	113	Health and Wellness	1
CS	132	Computer Applications	3	CIS	138	Web Design & Intro. To Internet Tech.	3
				CIS	135	Intro to Computer Technology	3
		Total	16			Total	17
Sophomore Year							
First Semester				Second Semester			
HU 225 OR SS 245		Interdisciplinary Humanities OR Indisciplinary Social Science	3	CIS	210	Intro. To Programming	3
CS	330	Databases	3	CIS	241	Intro. Computer Networks	3
PHIL	230	Ethics	2	SC	230	Intro. Effective Oral Communications	2
FC	280	Sophomore Seminar: Leadership	1	++++	+++	Free Elective	3
ML	131	Modern Language I	3	ML	132	Modern Language II	3
CIS	242	Operating Systems	3				
		Total	15			Total	14
Junior Year							
First Semester				Second Semester			
*CIS	248	Network Admin. I	3	*CIS	299	Network Admin. II	3
CIS	300	Systems Analysis & Design	3	AC	231	Accounting I	3
CIS	333	Database Tech. for Web Apps	3	ACL	231	Accounting I Lab	1
ENT	300	Junior Seminar: Entrepreneurship	1	*CIS	334	Network Operating Systems	3
EN	250	Technical Communication	3	BA	231	Economics	3
ES	130	Environmental Science	3	BA	236	Business Probability and Statistics	3
		Total	16			Total	16
Senior Year							
First Semester				Second Semester			
CS	497	Senior Design I	3	CIS	498	Senior Design II	3
*CIS	420	Network Design & Proc.	3	CIS	434	Ent. Arch & Web Services	3
CIS	402	Project Management	3	CIS	466	Network Security	3
*CIS	306	Wireless Networks	3	ISM/CIS		Elective (300-400)	3
CIS	361	Internship	3				
		Total	15			Total	12

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)

CIS majors must earn grades of "C" or better in each core course and each course in the selected area of concentration. CS and CIS electives must be 300 or 400 level.

CIS (Web Design & Database) Concentration have the same curriculum as the Network concentration except for the courses marked with asterisks(*). These course must be submitted with courses shown below for the other concentrations. Students must consult with their Student Success Coach before registering for courses in the other concentrations.

Web Development & Administration Concentration

1. CIS 240 Dynamic Web Design I
2. CIS 310 Dynamic Web Design II
3. CIS 380 E-commerce
4. CIS 391 Adv. Web App Development
5. CIS 411 CIS Seminar I (Web Development)

Database Technology & Administration Concentration

1. CIS 336 Data Warehouse & OLAP Tech
2. CIS 335 Storage Management
3. CIS 400 Database Administration
4. CIS 380 E-commerce
5. CIS 411 CIS Seminar I (Database Administration)

Revised 10/26/2016