Curriculum for a Bachelor's Degree in Information Technology

First Year		
First Semester		
01-101	English Composition I	3
03-202	Ethics	3
16-100	Lifetime Fitness and Wellness	2
25-213	Discrete Mathematics I	3
20-107	Survey of Information Technology	3
35-191	University Seminar I	1
		15
Second Semester		
01-102	English Composition II	3
25-251	Calculus I	3
34-201 or 34-202 or 34-203 or 34-204	American Civilization to 1865 American Civilization from 1865 The African-American Experience to 1865 The African-American Experience from 1865	3
35-261	Elements of Computer Programming	4
35-192	University Seminar II	1
		15
Second Year		
First Semester		
01-201 or 205	World Literature I or African-American Literature I	3
25-241	Elementary Statistics	3
35-262	Data Structures and Algorithms I	3
XX-101	Elementary Foreign Language I	3
XX-XXX	Natural Science I*	4
		16
	* One of Biology 101-102, Chemistry 101-102, or Physics 201-202 sequence must be completed.	
Second Semester		

01-202 or 206	World Literature II or African-American Literature II	3
20-280	Computer Organization	3
35-263	Data Structures and Algorithms II	3
XX-102	Elementary Foreign Language II	3
XX-XXX	Natural Science II*	4
		16

* One of Biology 101-102, Chemistry 101-102, or Physics 201-202 sequence must be completed.

Third Year

First Semester

01-200	Speech	3
20-300	Organization Theory	3
20-350	Operating Systems	3
20-XXX	Specialization Elective	3
35-340	Object-Oriented Design	3
		15

Second Semester

20-355	Communication and Networking	3
20-370	Database Management Systems	3
20-XXX	Specialization Elective	3
31-395	Global Societies	3
40-201	Macroeconomics	3
		15

Fourth Year

First Semester

20-400	Data Mining and Warehousing	3
20-420	Systems Development Technique	3
20-XXX	Restricted Elective (course must be from Math, Computer Science or IT)	3
20-XXX	IT Elective (course must be from IT or Computer Science)	3
20-XXX	Specialization Elective	3
		15

Second Semester

20-425	Performance Analysis and Design in IT	3
20-495	Project Management (Senior Capstone)	3
20-XXX	Restricted Elective (course must be from Math, Computer Science or IT)	3
20-XXX	IT Elective (course must be from IT or Computer Science)	3
20-XXX	Specialization Elective	3
		15

Total credits 122