

Information Technology (IT) Curriculum Map
(effective Fall 2015 and after)

The curriculum map provides insight and direction for students to graduate in four years. With the assistance of a student's academic advisor and department chairperson, the map will provide a guide between what should be taken term by term and where the student is with respect to grades received in courses. Milestones are noted on the map and serve as hints regarding what courses and/or activities must be completed that term. Please note that every term does not have a milestone. Prerequisites are also noted providing the student and his/her advisor a true indication of where the student falls within the curriculum. In this particular document, key prerequisites are listed that can prevent a student from moving along in the curriculum if not met. Also, note that the Department of Computer and Information Sciences only considers the grade of "C" or higher as meeting the prerequisite. A grade of "C" or better is required in each course taken for credit for a major or a minor in information technology. Students completing any of the computing programs will be prepared for employment in government and industry, and for graduate studies in a computing-related discipline.

Information Technology (IT) Curriculum Guide		Milestone and/or Prerequisite
Term 1	Credits	Term 1 Milestones and/or Prerequisites
SPC 2608 Public Speaking	3	
ENC 1101 Communicative Skills I	3	
COP 3828 Web Programming and Design	3	
MAC 1147 Precalculus Math	4	
CIS 1920 Professional Development I	2	
<i>Total Term 1 Credits</i>	15	
Term 2	Credits	Term 2 Milestones and/or Prerequisites
CNT 2000 Computer Systems and Network Fundamentals	3	Must have completed MAC 1105
ENC 1102 Communicative Skills II	3	Must complete COP 3014C
COP 3014C Fundamentals of Programming	4	
STA 2023 Probability and Statistics I	3	
SLS 1101 First Year Experience – College Transition	2	
<i>Total Term 2 Credits</i>	15	
Term 3	Credits	Term 3 Milestones and/or Prerequisites
Humanities Elective	3	Must have completed COP 3014C
General Elective	3	Must complete COP 3366
COP 3710 Database Management System	3	*May select another approved laboratory science course
PSC 1121 Physical Science w/ Lab*	4	to satisfy General Education and major requirements
COP 3366 Intro to C# Programming	3	
<i>Total Term 3 Credits</i>	16	
Term 4	Credits	Term 4 Milestones and/or Prerequisites
COT 2104 Mathematics for Computing	3	Must have completed CIS 1920
CIS 4920 Professional Development	3	Must complete COT 2104
CIS 4360 Introduction to Computer Security	3	*May select another approved laboratory science course
BSC 1005C Biological Science with Lab*	4	to satisfy General Education and major requirements
Humanities Elective	3	
<i>Total Term 4 Credits</i>	16	

Term 5	Credits	Term 5 Milestones and/or Prerequisites
AFA 3104 The African-American Experience	3	Must have completed COT 2104
ECO 2013 Principles of Economics I	3	*Student must take three courses within the same
Concentration Core A*	3	concentration; the prerequisite requirement is
ENC 3243 Technical Writing	3	determined by the selected course; Concentration
CNT 4504 Data Comm. & Organizational Network	3	courses are offered annually; See academic advisor
<i>Total Term 5 Credits</i>	15	for approved areas of concentration
Term 6	Credits	Term 6 Milestones and/or Prerequisites
PSY 2012 Intro to Psychology	3	Must have completed CNT 2000
CIS 4250 Computer Ethics & Professional Responsibility	3	*Student must take three courses within the same
CNT 4603 Computer & Network System Administration	3	concentration; the prerequisite requirement is
Concentration Core A*	3	determined by the selected course; Concentration
Concentration Core B*	3	courses are offered annually; See academic advisor
<i>Total Term 6 Credits</i>	15	for approved areas of concentration
Term 7	Credits	Term 7 Milestones and/or Prerequisites
CIS 4517 Needs Assessment and Technology Transfer	3	Must have completed COP 3710 and COP 3828
CEN 4721 Concepts and Principles of HCI	3	*Student must take three courses within the same
Concentration Core A*	3	concentration; the prerequisite requirement is
Concentration Core B*	3	determined by the selected course; Concentration
General Elective(s)	4	courses are offered annually; See academic advisor
		for approved areas of concentration
		Must apply for graduation
<i>Total Term 7 Credits</i>	16	
Term 8	Credits	Term 8 Milestones and/or Prerequisites
CIS 4945 IT Capstone Project	3	Must have completed CIS 4517
Concentration Core B*	3	*Student must take three courses within the same
Major Elective	3	concentration; the prerequisite requirement is
General Elective	3	determined by the selected course; Concentration
		courses are offered annually; See academic advisor
		for approved areas of concentration
<i>Total Term 8 Credits</i>	12	Must complete department exit survey
<i>Total Credits</i>	120	