Module Code	Module Name	Prerequisite /Co – requisite	CREDITS	Results
Semester 7				
MAN3001	Organization and Management	None	3	
CIT4035	Network Management & Security	CIT3017	4	
	SCIT Upper Level Elective		4	
	SCIT Upper Level Elective		3 or 4	
Semester 8				
	University Elective		3	
ENT3003	Entrepreneurial Skills	None	3	
CIT4020	Computer Security	CMP3002 & CMP2018	3	
	SCIT Upper Level Elective		3 or 4	
CIT4036	Professional Development Seminar	Level 4	1	
PRJ4020	Major Project	RES3001 & RES3024	3	

F. Y. I.

- **Note on Prerequisites:** Students must receive a passing grade in a pre-requisite before enrollment. On the other hand, co-requisites [indicated by (C)] may be done in the same semester as a qualification for enrollment, e.g. to enroll in HUM3010, you should either do CMP2019 before or in the same semester as HUM3010.

- **Note on Electives:** Some SCIT Electives are 3 credits (e.g. CIT4017 Decision Science); others are 4 credits (e.g. CIT3026 Wireless Communications Networks).

Remember your Academic Advisor is here to support you in making your academic decisions!

University of Technology, Jamaica
Module Selection Guide

**School of Computing
and Information Technology**

**Bachelor of Science in Computing
Major: Information Technology
Minor: Networking**

Student's Name: …………………………………………………

Student's ID #: ....

Start Date:

Name - Academic Advisor/PL/PD: ………………………………...

N.B. To be awarded the Bachelor of Science degree in Computing, students must complete **125 credits**, including electives (at least 10 credits for IT majors).

Check the student portal to identify your academic advisor.

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 1				
CMP1024	Programming 1	None	4	
INT1001	Information Technology	None	3	
COM1020	Academic Writing I	Proficiency Test / COM0001	3	
MAT1047	College Mathematics 1B	None	4	
CMP1026	Computer Networks 1	None	3	
CSP1001	Community Service Project	None	1	
Semester 2				
CMP1025	Programming 2	CMP1024	4	
MAT1008	Discrete Mathematics	MAT1047	4	
ENS3001	Environmental Studies or	None	3	
HEA3003	Fitness & Wellness or	None	3	
MEE2003	Material Science	None	3	
COM2014	Academic Writing II	COM1020	3	
PSY1002	Introduction to Psychology	None	3	
Semester 3				
CIT2004	Object-Oriented Programming Using C++	CMP1025	4	
STA2020	Introductory Statistics	MAT1047	3	
CMP2018	Database Design	INT1001	3	
CIT2011	Web Programming	INT1001	3	
CMP1005	Computer Logic & Digital Design	INT1001	3	

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Results
Semester 4				
CMP2006	Data Structures	CIT2004	4	
CMP2019	Software Engineering: Analysis & Design	INT1001	3	
PHS1019	Physics for Computer Science	MAT1008 or MAT2003	4	
HUM3010	Professional, Ethical & Legal Implications of Computer Systems	CMP2019 (C) & COM1020	3	
Semester 5				
CIT3002	Operating Systems	CMP2006 (T)	3	
CIT4024	IT Project Management	INT1001	3	
CIT3021	Foundations of Information Systems	INT1001	3	
CIT3015	Digital Communications/Tele-communications	CMP1026, & PHS1019	4	
CIT4033	Distributed Systems	CMP1026 & CIT3002	4	
Semester 6				
RES3024	Computing Research Methods	COM1020	3	
CIT4001	Software Implementation	CIT2019	3	
CIT3014	Advanced Computer Networks	CIT3015	4	
CIT3017	Network Administration & Technical Support	CMP1026	4	
CIT3029	Internship (Optional)			