Module Code	Module Name	Prerequisite /Co –requisite (if any)	CREDITS	Results
Semester 7				
MAT1043	Linear Algebra	MAT1047	3	
CMP3011	Computer Organization & Architecture	CMP1005	3	
CMP4011	Artificial Intelligence	CIT3006	4	
	SCIT Upper Level Elective		3 or 4	
Semester 8				
	University Elective		3	
ENT3001	Entrepreneurship	None	3	
CIT4004	Analysis of Programming Languages	CMP4011	3	
	SCIT Upper Level Elective		3 or 4	
CIT4036	Professional Development Seminar	Level 4	1	
PRJ4020	Major Project	RES3001 or 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: Computer Science

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 7 credits for Computer Science students).

Contact Info: *Programme Director* 970-5174
Programme Secretary 702-3188
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 & CMP1005	3	
CIT4024	IT Project Management	INT1001	3	
CIT3003	Analysis of Algorithms	CMP2006 & MAT2003 or MAT1008	3	
CIT3009	Advanced Programming	CIT3002 (T)	4	
BIO3004	Introduction to Bio-Informatics	PHS1019	3	
Semester 6				
RES3024	Computing Research Methods	COM1020	3	
STA2016	Design of Experiments	STA2020	3	
MAT2003	Calculus I	MAT1047	3	
CIT3006	Theory of Computation	CIT3003	3	
CIT4020	Computer Security	CIT3002 & CMP2018	3	
CIT3029	Internship (Optional)	Level 3	3	