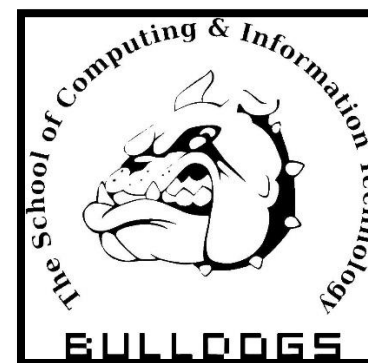


## SCIT UPPER ELECTIVES

Module Code	Module Name	Credit	Module Code	Module Name	Credit
CIT3009	Advanced Programming	4	CIT3013	Database Administration	4
CMP3040	Computer Forensics	3	CMP4023	Data Warehousing & Mining	4
CIT3006	Theory of Computation	3	CIT3023	Introduction to Human Computer Interaction	4
CMP3011	Computer Organization and Assembly	3	CIT4034	Web Systems Design & Implementation	4
CIT4033	Distributed Systems	4	CIT3020	Digital Video Effects	4
CIT3014	Advanced Computer Networks	4	CIT3018	Computer Animation	4
CIT3015	Digital Communication/ Telecommunication	4	CIT4011	Digital Graphics	4
CIT3017	Network Administration & Technical Support	4	CIT4001	Software Implementation	3
CIT4035	Network Management & Security	4	CIT3021	Foundations of Information Systems	3
CIT3012	Advanced Databases	4	CIT3027	Mobile Computing	4
CIT4009	Enterprise Computing 1	4	CIT3029	Internship	4
CIT4010	Enterprise Computing 2				



## University of Technology, Jamaica Module Selection Guide



### Bachelor of Science in Computing Major: Information Technology (Information Systems) Academic Year 2022/2023

Student's Name: .....

Student's ID #: .....

Start Date: .....

Academic Advisor: .....

*Check the student portal to identify your academic advisor.*

To be awarded the BSc in Computing Degree, students must complete 125 credits, including all core all modules and the required number of electives.

Seek support from your Academic Adviser in making your academic decisions. Ensure to meet with him/her at least once per semester. Get to know the Programme Leader for your year group, as they can perform further assistance on matters in which your Academic Adviser is unable to handle.

**Contact Info: FENC Student Affairs office, 927-5153**  
Revised April 2022

Module Code	Module Name	Prerequisite or Co-Requisite (if any)	Credits
<b>Year 1 - Semester 1</b>			
CMP1024	Programming 1	NONE	4
CMP1026	Computer Networks 1	NONE	3
INT1001	Information Technology	NONE	3
COM1020	Academic Writing 1	COM0001 <b>Or</b> English Language CSEC 1/2 /CAPE 1/2	3
MAT1047	College Mathematics 1B	NONE	4
<b>Year 1 - Semester 2</b>			
CMP1025	Programming 2	CMP1024	4
COM2014	Academic Writing 2	COM1020	3
MAT1008	Discrete Mathematics	MAT1047	4
PSY1002	Introduction to Psychology	NONE	3
ENS3001	Environmental Studies <b>or</b>	NONE	3
HEA3003	Fitness & Wellness <b>or</b>	NONE	3
MEE2003	Material Science	NONE	3
CSP1001	Community Service Project <i>Can be completed in SEM1 or SEM2</i>	NONE	1
<b>Year 2 - Semester 1</b>			
CIT2004	Object Oriented Programming	CMP1025	4
STA2020	Introductory Statistics	MAT1047	3
CIT2011	Web Programming	INT1001	3
CMP1005	Computer Logic & Digital Design	INT1001	3
CMP2018	Database Design	INT1001	3
<b>Year 2 - Semester 2</b>			
CMP2006	Data Structures	CIT2004	4
CMP2019	Software Engineering Analysis & Design	INT1001	3
HUM3010	Professional Ethics & Legal Implications of Computing Systems	CMP2019 (C) & COM1020	3
PHS1019	Physics for Computer Science	MAT1008 or MAT2003	4

Years 1 & 2 are the same for Computer Science and Information Technology Specializations.  
Years 3 & 4 are specific to your chosen specialization

Module Code	Module Name	Prerequisite or Co-Requisite (if any)	Credits
<b>Year 3 - Semester 1</b>			
CIT3002	Operating Systems	CMP2006 & CMP1005	3
CIT4024	IT Project Management	INT1001	4
CIT3021	Foundations of Information Systems	INT1001	3
CIT3024	Enterprise Architecture & Infrastructure	CIT3021 (C)	4
CIT4031	IS Auditing	INT1001	4
<b>Year 3 - Semester 2</b>			
RES3024	Computing Research Methods	COM1020	3
CIT4001	Software Implementation	CIT2019	3
CIT3025	IS Innovation & Emerging Technologies	CIT3021	4
CIT4023	E-Business Strategy & E-Commerce	CIT3021	4
CIT3029	Internship ( <b>OPTIONAL</b> ) <i>*Contact SCIT before selecting*</i>	Level 3	4
<b>Year 4 - Semester 1</b>			
PRJ4020	Major Project <i>(Yearlong project)</i>	RES3001 <b>or</b> RES3024	3
MAN3001	Organization & Management	NONE	3
CIT4032	IS Strategy, Planning & Management	CIT3021 (C)	4
	SCIT Upper-Level Elective		3/4
	SCIT Upper-Level Elective		3/4
<b>Year 4 - Semester 2</b>			
CIT4036	Professional Development Seminar	Level 4	1
ENT3001	Entrepreneurship	NONE	3
CIT4020	Computer Security	CIT3002 & CMP2018	3
	SCIT Upper-Level Elective		3/4
	University Elective		3

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