Module Code	Module Name	Prerequisite /Co - requisite (if any)	Credit	Results
YEAR 4 (semester 1)				
PRJ4020	Major Project	RES3024 Computing Research Methods	3	
CIS4004	Big Data Analytics & Warehousing	CIS 2001 Data Analysis	3	
CIT4017	Decision Science	None	3	
CIS3001	Auditing for Information Systems Professionals	CIT4024 Information Technology Project Management	3	
CITXXXX	*IS Elective / Internship*		3	
	TOTAL		**15**	
YEAR 4 (semester 2)				
CIS4003	Software Quality Assurance	CMP2019 Software Engineering: Analysis & Design	3	
CIS4000	IS Strategic Management	CIS3000 Information Systems Architecture & Infrastructure	3	
CIT4036	Professional Development Seminar	Level 4	1	
UNXXXX	*University Elective*		3	
ELXXXX	*External Elective or SCIT or IS Elective*		3	
	TOTAL		**13**	

- **Please speak to your Programme Director/Academic Advisor about electives and to confirm whether there are module changes.**
- **Remember your Academic Advisor is here to assist you in making your academic decisions!**
- **Check the student portal to identify your academic advisor.**
- **Contact scitcoped@gmail.com for internship queries**

University of Technology, Jamaica
Module Selection Guide

School of Computing and Information Technology

B.Sc. Computer Information System
Major: Data Analytics

Student's Name: ……………………………………………

Student's Id #: ………………………………………………

Start Date: ……………………………………………………

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

To be awarded the B.Sc. Degree in Computer Information Systems, students must complete 128-137 credits.

Contact Info: SCIT or FENC Student Affairs office. 927-1680

Revised 2023

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
YEAR 1 (semester 1)				
INT1001	Information Technology	None	3	
PSY1002	Introduction to Psychology	None	3	
Science Elective	ENS 3001 Environmental Studies or HEA 3003 Health and Wellness or MEE 2003 Material Science	None	3	
MAT1047	College Mathematics 1B	None	4	
COM1024	Academic Literacy for Undergraduates	Proficiency Test / COM000n1	3	
CNS1003	Computing Practice	None	2	
	TOTAL		**18**	
YEAR 1 (semester 2)				
CIS1000	Programming for Data Analytics	None	4	
COM2016	Critical Thinking, Reading & Writing	COM1024 Academic Literacy for Undergraduates	3	
CMP1026	Computer Networks I or Web Programming	None / INT1001 Information Technology	3	
MAT1008	Discrete Mathematics	MAT1047 College Mathematics 1B	3	
ACC1001	Fundamentals of Accounting I	None	3	
CSP1010	Community Service Project	None	1	
	TOTAL		**17**	
YEAR 2 (semester 1)				
STA2020	Introduction to Statistics	MAT1047 College Mathematics 1B	3	
CIS1002	Data Visualization	None	3	
CMP2018	Database Design	INT1001 Information Technology	3	
CIT3031	Data Protection and Regulation	None	3	
CIT3021	Foundation of Information Systems	INT1001 Information Technology	3	
	TOTAL		**15**	

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
YEAR 2 (semester 2)				
CMP2019	Software Engineering: Analysis & Design	INT1001 Information Technology	3	
CIS2001	Data Analysis	STA2020 Introductory Statistics	4	
STA2014	Regression Analysis	STA2020 Introductory Statistics	3	
MAT2003	Calculus I	MAT1047 College Mathematics 1B	3	
MKT2001	Fundamentals of Marketing	COM1024 Academic Writing for Undergraduates	3	
	TOTAL		**16**	
YEAR 3 (semester 1)				
CIT4024	IT Project Management	INT1001 Information Technology	3	
CIS3000	Information Systems Architecture & Infrastructure	CIT3021 Foundation of Information Systems	3	
CIT3012	Advanced Databases	CMP2018 Database Design	4	
HUM3010	Professional, Ethical & Legal Implications of Computer Systems	CMP2019 Software Engineering: Analysis & Design & COM1024 Academic Writing for Undergraduates	3	
MAN3001	Management and Organization	None	3	
	TOTAL		**16**	
YEAR 3 (semester 2)				
RES3024	Computing Research Methods	COM1024 Academic Writing for Undergraduates	3	
CIS3003	E-Business Fundamentals	CIT3021 Foundation of Information Systems	3	
CIT4038	Introduction to Machine Learning	CIS2001 Data Analysis	3	
ENT3001	Entrepreneurship	None	3	
STA2016	Design of Experiments	STA2020 Introductory Statistics	3	
	TOTAL		**15**	