

Module Code	Module Name	Prerequisite /Co - requisite (if any)	Credit	Modality
<b>YEAR 4 (semester 1)</b>				
PRJ4020	Major Project	RES3024 Computing Research Methods	3	F2F online
CIS4004	Big Data Analytics & Warehousing	CIS 2001 Data Analysis	3	Hybrid
CIT4017	Decision Science	None	3	Hybrid
CIS3001	Auditing for Information Systems Professionals	CIT4024 Information Technology Project Management	3	Hybrid
CITXXXX	<i>IS Elective / Internship</i>		3	
	<b>TOTAL</b>		<b>15</b>	
<b>YEAR 4 (semester 2)</b>				
CIS4003	Software Quality Assurance	CMP2019 Software Engineering: Analysis & Design	3	Hybrid
CIS4000	IS Strategic Management	CIS3000 Information Systems Architecture & Infrastructure	3	Hybrid
CIT4036	Professional Development Seminar	Level 4	1	Online
UNXXXX	<i>University Elective</i>		3	
ELXXXX	<i>External Elective or SCIT or IS Elective</i>		3	
	<b>TOTAL</b>		<b>13</b>	

- 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](mailto: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

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Modality
<b>YEAR 1 (semester 1)</b>				
INT1001	Information Technology	None	3	F2F online
PSY1002	Introduction to Psychology	None	3	F2F online
Science Elective	ENS 3001 Environmental Studies or HEA 3003 Health and Wellness or MEE 2003 Material Science	None	3	F2F online
MAT1047	College Mathematics 1B	None	4	F2F
COM1024	Academic Literacy for Undergraduates	Proficiency Test / COM000n1	3	F2F online
CNS1003	Computing Practice	None	2	F2F online
	<b>TOTAL</b>		<b>18</b>	
<b>YEAR 1 (semester 2)</b>				
CIS1000	Programming for Data Analytics	None	4	Hybrid
COM2016 COM2015	Critical Thinking, Reading & Writing Or Business Communication for Professionals	COM1024 Academic Writing for Undergraduates	3	F2F online
CMP1026	Computer Networks I or Web Programming	None / INT1001 Information Technology	3	F2F online
MAT1008	Discrete Mathematics	MAT1047 College Mathematics 1B	3	F2F
ACC1001	Fundamentals of Accounting I	None	3	F2F
CSP1010	Community Service Project	None	1	F2F online
	<b>TOTAL</b>		<b>17</b>	
<b>YEAR 2 (semester 1)</b>				
STA2020	Introduction to Statistics	MAT1047 College Mathematics 1B	3	F2F
CIS1002	Data Visualization	None	3	Hybrid
CMP2018	Database Design	INT1001 Information Technology	3	F2F online
CIT3031	Data Protection and Regulation	None	3	Hybrid
CIT3021	Foundation of Information Systems	INT1001 Information Technology	3	F2F online
	<b>TOTAL</b>		<b>15</b>	

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Modality
<b>YEAR 2 (semester 2)</b>				
CMP2019	Software Engineering: Analysis & Design	INT1001 Information Technology	3	Online
CIS2001	Data Analysis	STA2020 Introductory Statistics	4	Hybrid
STA2014	Regression Analysis	STA2020 Introductory Statistics	3	F2F online
MAT2003	Calculus I	MAT1047 College Mathematics 1B	3	F2F
MKT2001	Fundamentals of Marketing	COM1024 Academic Writing for Undergraduates	3	F2F
	<b>TOTAL</b>		<b>16</b>	
<b>YEAR 3 (semester 1)</b>				
CIT4024	IT Project Management	INT1001 Information Technology	3	Hybrid
CIS3000	Information Systems Architecture & Infrastructure	CIT3021 Foundation of Information Systems	3	Hybrid
CIT3012	Advanced Databases	CMP2018 Database Design	4	F2F online
HUM3010	Professional, Ethical & Legal Implications of Computer Systems	CMP2019 Software Engineering: Analysis & Design & COM1024 Academic Writing for Undergraduates	3	F2F online
MAN3001	Management and Organization	None	3	F2F
	<b>TOTAL</b>		<b>16</b>	
<b>YEAR 3 (semester 2)</b>				
RES3024	Computing Research Methods	COM1024 Academic Writing for Undergraduates	3	F2F online
CIS3003	E-Business Fundamentals	CIT3021 Foundation of Information Systems	3	Hybrid
CIT4038	Introduction to Machine Learning	CIS2001 Data Analysis	3	Online
ENT3001	Entrepreneurship	None	3	F2F
STA2016	Design of Experiments	STA2020 Introductory Statistics	3	F2F
	<b>TOTAL</b>		<b>15</b>	