

Module Code	Module Name	Prerequisite /Co - requisite (if any)	CREDITS	Results
Semester 7				
CIS4000	IS Strategic Management		3	
CIS4004	Big Data Analytics & Warehousing		3	
CIT4017	Decision Science		3	
CIS3001	Auditing for Information Systems Professionals		3	
CITXXXX	<i>IS Elective / Internship</i>		3	
	TOTAL		15	
Semester 8				
CIS4003	Software Quality Assurance		3	
PRJ4020	Major Project		3	
CIT4036	Professional Development Seminar		1	
UNXXXX	<i>University Elective</i>		3	
ELXXXX	<i>External Elective</i>		3	
	TOTAL		13	

F. Y. I.

- **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.**



As at August 2020

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 125-137 credits.

Contact Info:

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Results
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	
COM1020	Academic Writing I	Proficiency Test / COM0001	3	
CNS1003	Computing Practice	None	2	
	TOTAL		18	
Semester 2				
CIS1000	Programming for Data Analytics		4	
COM2014	Academic Writing II	COM1020 Academic Writing I	3	
CMP1026 CIT2011	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		14	
Semester 3				
STA2020	Introduction to Statistics	MAT1047 College Mathematics 1B	3	
CIS1002	Data Visualization		3	
CMP2018	Database Design	INT1001 Information Technology	3	
CIT3031	Data Protection and Regulation		3	
CIT3021	Foundation of Information Systems	INT1001 Information Technology	3	
	TOTAL		15	

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Results
Semester 4				
CMP2019	Software Engineering: Analysis & Design	INT1001 Information Technology	3	
CIS2001	Data Analysis	STA2020 Intro to Statistics	4	
HUM3010	Professional, Ethical & Legal Implications of Computer Systems	CMP2019 (C) & COM1020	3	
MAT2003	Calculus I	MAT1047 College Mathematics 1B	3	
MKT2001	Fundamentals of Marketing	COM1020 Academic Writing I	3	
	TOTAL		16	
Semester 5				
CIT4024	IT Project Management	INT1001 Information Technology	3	
CIS3000	Information Systems Architecture & Infrastructure		3	
CIT3012	Advanced Databases	CMP2018 Database Design	4	
STA2014	Regression Analysis	STA2020 Introductory Statistics	3	
MAN3001	Management and Organization	None	3	
	TOTAL		16	
Semester 6				
RES3024	Computing Research Methods	COM1020 Academic Writing I	3	
CIS3003	E-Business Fundamentals		3	
CIT4038	Machine Learning		3	
ENT3001	Entrepreneurship	None	3	
STA2016	Design of Experiments	STA2020 Introductory Statistics	3	
	TOTAL		15	