

Code	Name	Prerequisite	Credit	Note	
YEAR 4 (semester 1)					
CIT4024	IT Project Management	CNS1003	3	4th Yr: Infrastructure Major	
CNS4005	Infrastructure Systems: Scaling & Automation	CNS2002	3		
CMP3040	Computer Forensics	NONE	3		
PRJ4020	Major Project	RES3024	3		
	SCIT Elective				
YEAR 4 (semester 2)					
CNS4003	Network Maintenance & Troubleshooting	CIT3017	3		
CNS4008	Infrastructure Networking & Development	CIT3017	3		
CIT4036	Professional Development Seminar	Level 4	1		
HUM3010	Professional Ethics & Legal Implications of Computing Systems	CNS1003 & COM1024	3		
	SCIT Elective				
	University Elective				

Code	Name	Prerequisite	Credit	Note
CIT2011	Web Programming	CNS1003	3	SCIT Electives
CIT3012	Advanced Databases	CMP2018	4	
CIT4031	IS Auditing	CNS1003	4	
CIT4032	IS Strategy, Planning & Management	CIT3021	4	
CIT3013	Database Administration	CIT3012	4	



University of Technology, Jamaica Module Selection Guide

School of Computing and Information Technology



Bachelor of Science in Computer Networking and Security Major: Infrastructure

Student's Name:

Student's ID #:

Start Date:

Name - Academic Advisor/PL/PD:

Students are to complete all modules in their module selection guide

Check the student portal to identify your academic advisor.

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

Revised July 2023

Code	Name	Prerequisite	Credit	Note	
YEAR 1 (semester 1)					
CNS1003	Computing Practice 1	NONE	2	1st Yr: Foundational Systems	
CMP1026	Computer Networks 1	NONE	3		
MAT1047	College Mathematics 1B	NONE	4		
PSY1002	Introduction to Psychology	NONE	3		
CSP1001	Community Service Project	NONE	1		
YEAR 1 (semester 2)					
CNS1001	Contemporary Programming	NONE	4		
MAN1006	Introduction to Management	NONE	3		
CMP1005	Computer Logic & Digital Design	CNS1003	3		
MAT1008	Discrete Mathematics	MAT1047	3		
COM1024	Academic Literacy for Undergraduates	COM0001 Or English Language CSEC 1/2 /CAPE 1/2	3		
YEAR 2 (semester 1)					
CMP2019	Software Engineering Analysis & Design	CNS1003	3	2nd Yr: Core Systems	
CMP2018	Database Design	CNS1003	3		
CIT3002	Operating Systems	CNS1001 & CMP1005	3		
COM2017	Essentials of Technical Writing	COM1024	3		
CMP3025	Computer Hardware	NONE	3		

Code	Name	Prerequisite	Credit	Note	
YEAR 2 (semester 2)					
CIT4020	Computer Security	CIT3002 & CMP2018	3	2nd Yr: Core Systems	
CNS2002	Network Operating Systems Administration	NONE	3		
CNS2003	Virtualized Systems	CMP1026	3		
CIT3017	Network Administration & Technical Support	CMP1026	4		
MAN2005	Organisational Behavior	MAN1006 Or PSY1002	3		
STA2020	Introductory Statistics	MAT1047	3		
YEAR 3 (semester 1)					
CNS3001	Cyber Security	CIT4020	3	3rd Yr: Infrastructure Major	
CNS3007	Virtualized Infrastructure Design	CNS2003 & CIT3017	3		
RES3024	Computing Research Methods	COM1024	3		
CIT3021	Foundation of Information Systems	CNS1003	3		
ENS3001	Environmental Studies	NONE	3		
YEAR 3 (semester 2)					
CIT3030	System & Software Security	NONE	3		
CNS3008	Infrastructure Technology, Application & Services	CNS2003	3		
CNS3009	Infrastructure System: Security & Management	CNS3001 or CNS3007	3		
CNS3005	Ethical Hacking	CIT4020	3		
ENT3001	Entrepreneurship	NONE	3		
	SCIT Elective				