

Module Code	Module Name	Prerequisite (if any)	Credit	Note	
Semester 7					
CIT4024	IT Project Management	CNS1003	3	4th Yr: Infrastructure Major	
CNS4005	Infrastructure Systems: Scaling & Automation	CNS2002	3		
CMP3040	Computer Forensics	None	3		
CIT3021	Foundation of Information System	CNS1003	3		
PRJ4020	Major Project	RES3024	3		
	SCIT Elective		3		
Semester 8					
CNS4003	Network Maintenance & Troubleshooting	CIT3017	3		
CNS4008	Infrastructure Networking & Development	CIT3017	3		
CIT4036	Professional Development Seminar	Level 4	1		
	SCIT Elective				

Module Code	Module Name	Prerequisite (if any)	Credit	Note
CIT2011	Web Programming	CNS1003	3	SCIT Electives
CIT3012	Advanced Databases	CMP2018	4	
CIT4031	IS Auditing	CNS1003	4	
CIT4032	IS 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:

To be awarded the BSc in Computer Networking and Security, students must successfully complete all modules including of the electives.

Check the student portal to identify your academic advisor.

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

Module Code	Module Name	Prerequisite (if any)	Credit	Note	
Semester 1					
CNS1003	Computing Practice 1	NONE	2	<i>Any six (6) of these modules may be done in either semester</i>	
CMP1026	Computer Networks 1	NONE	3		
MAT1047	College Mathematics 1B	NONE	4		
PSY1002	Introduction to Psychology	NONE	3		
CSP1001	Community Service Project	NONE	1		
Semester 2					
CNS1001	Contemporary Programming	NONE	4		
CMP3025	Computer Hardware	NONE	3		
CMP1005	Computer Logic & Digital Design	CNS1003	3		
MAT1008	Discrete Mathematics	MAT1047	3		
COM1020	Academic Writing 1	COM0001 Or English Language CSEC 1/2 /CAPE 1/2	3		
ENS3001	Environmental Studies	NONE	3		
Semester 3					
CMP2019	Software Engineering Analysis & Design	CNS1003	3	<i>2nd Yr: Core Systems</i>	
CMP2018	Database Design	CNS1003	3		
CIT3002	Operating Systems	CNS1001 & CMP1005	3		
CIT3017	Network Administration & Technical Support	CMP1026	4		
HUM3010	Professional Ethics & Legal Implications of Computing Systems	CMP2019 & COM1020	3		
MAN1006	Introduction to Management	NONE	3		

Module Code	Module Name	Prerequisite (if any)	Credit	Note	
Semester 4					
CIT4020	Computer Security	CIT3002 & CMP2018	3	<i>2nd Yr: Core Systems</i>	
CNS2002	Network Operating Systems Administration	NONE	3		
CNS2003	Virtualized Systems	CMP1026	3		
COM2017	Technical Writing	COM1020	3		
MAN2005	Organisational Behavior	MAN1006 or PSY1002	3		
STA2020	Introductory Statistics	MAT1047	3		
Semester 5					
CIT3030	System & Software Security	NONE	3	<i>3rd Yr: Infrastructure Major</i>	
CNS3001	Cyber Security	CIT4020	3		
CNS3007	Virtualised Infrastructure Design	CNS2003	3		
RES3024	Computing Research Methods	COM1020	3		
	University Elective		3		
Semester 6					
CNS3008	Infrastructure Technology, Application & Services	CIT3017	3		
CNS3009	Infrastructure System: Security & Management	CIT3017	3		
CNS3005	Ethical Hacking	CIT4020	3		
ENT3001	Entrepreneurship	NONE	3		
	SCIT Elective				