

Module Code	Module Name	Prerequisite /Co - requisite (if any)	Credit	Result	Note	
Semester 7						
CIT4024	IT Project Management	NONE	3		<i>4th Yr: Virtualization Major</i>	
CNS4005	Virtualized Systems: Scaling & Automation	CNS3007	3			
CNS4002	Network & Computer Forensics	CNS3002	3			
MAN4001	Strategic Management	MAN1006 & complete 60 credits	3			
	Course Elective		3			
Semester 8						
CNS4003	Network Maintenance & Troubleshooting	CIT3017 & CNS2002	3			
CNS4008	Virtualized Networking & Development	CNS3009 & CNS4005	3			
CIT4036	Professional Development Seminar	Level 4	1			
PRJ4020	Major Project	RES3024	3			
	Course Elective		3			

F. Y. I.

- **Please speak to your Academic Advisor/Programme Director 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.**



University of Technology, Jamaica Module Selection Guide

School of Computing and Information Technology



Bachelor of Science in Computer Networking and Security Major: Virtualization

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 complete **127** credits including **12** credits from electives offering.

Check the student portal to identify your academic advisor.

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

Module Code	Module Name	Prerequisite /Co- requisite (if any)	Credit	Result	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		<i>Any six (6) of these modules may be done in either semester</i>
CMP3025	Computer Hardware	NONE	3		
CMP1005	Computer Logic & Digital Design	INT1001	3		
MAT1008	Discrete Mathematics	MAT1047	3		
COM1020	Academic Writing 1	Proficiency Test/COM0001 or English Language Grade 1	3		
ENS3001	Environmental Studies	NONE	3		
Semester 3					
CMP2019	Software Engineering Analysis & Design	INT1001	3		<i>2nd Yr: Networking & Security</i>
CMP2018	Database Design	INT1001	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 /Co- requisite (if any)	Credit	Result	Note
Semester 4					
CIT4020	Computer Security	CIT3002 & CMP2018	3		<i>2nd Yr: Networking & Security</i>
CNS2002	Network Operating Systems Administration	CIT3002	3		
CNS2003	Virtualized Systems	CMP1026	3		
CNS2001	Writing for Technical Professions	COM1020	3		
MAN2005	Organizational Behaviour	MAN1006 or PSY1002	3		
STA2020	Introductory Statistics	MAT1047	3		
Semester 5					
CIT3030	System & Software Security	NONE	3		<i>3rd Yr: Virtualization Major</i>
CNS3001	Cyber Security	CIT4020	3		
CNS3007	Virtualized Infrastructure Design	CNS2003 & CIT3017	3		
RES3024	Computing Research Methods	COM1020	3		
	University Elective		3		
Semester 6					
CNS3008	Virtualized Technologies, Applications & Services	CNS2003	3		<i>3rd Yr: Virtualization Major</i>
CNS3009	Virtualized Systems: Security & Management	CNS3001 or CNS3007	3		
CNS3005	Ethical Hacking	CNS3001	3		
ENT3001	Entrepreneurship	NONE	3		
	Course Elective		3		