

Module Code	Module Name	Prerequisite (if any)	Credit	Note
<b>Semester 7</b>				
CIT4024	IT Project Management	CNS1003	3	<b>4<sup>th</sup> Yr: Cyber Security Major</b>
CNS4001	Security Analysis & Response	CIT4020	3	
CMP3040	Computer Forensics	NONE	3	
PRJ4020	Major Project	RES3024	3	
CIT3021	Foundation of Information Systems	CNS1003	3	
	SCIT Elective			
<b>Semester 8</b>				
CNS4003	Network Maintenance & Troubleshooting	CIT3017	3	
CNS4004	Intelligence Gathering & Analysis	CIT4020	3	
CIT4036	Professional Development Seminar	Level 4	1	
	SCIT Elective			

Module Code	Module Name	Prerequisite (if any)	Credit	Note
CIT2011	Web Programming	CNS1003	3	<b>SCIT Electives</b>
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: Cyber Security

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 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
<b>Semester 1</b>				
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	
<b>Semester 2</b>				
CNS1001	Contemporary Programming	NONE	4	<i>2<sup>nd</sup> Yr: Core Systems</i>
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	
<b>Semester 3</b>				
CMP2019	Software Engineering Analysis & Design	CNS1003	3	<i>2<sup>nd</sup> 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 & COMP1020	3	
MAN1006	Introduction to Management	NONE	3	

Module Code	Module Name	Prerequisite (if any)	Credit	Note
<b>Semester 4</b>				
CIT4020	Computer Security	CIT3002 & CMP2018	3	<i>2<sup>nd</sup> Yr: Core Systems</i>
CNS2002	Network Operating Systems Administration	NONE	3	
CNS2003	Virtualized Systems	CMP1026	3	
COM2017	Technical Writing	COM1020	3	
MAN2005	Organizational Behaviour	MAN1006 or PSY1002	3	
STA2020	Introductory Statistics	MAT1047	3	
<b>Semester 5</b>				
CIT3030	System & Software Security	NONE	3	<i>3<sup>rd</sup> Yr: Cyber Security Major</i>
CNS3001	Cyber Security	CIT4020	3	
CNS3002	Security Management: Planning, Implementing & Auditing	CIT4020	3	
RES3024	Computing Research Methods	COM1020	3	
	University Elective			
<b>Semester 6</b>				
CNS3003	Security Testing & Detection	CIT3030	3	
CNS3004	Enterprise Security	CIT4020	3	
CNS3005	Ethical Hacking	CIT4020	3	
ENT3001	Entrepreneurship	NONE	3	
	SCIT Elective			