Bachelor of Information Technology

Major in Cyber Security

ENTRY REQUIREMENTS

Academic Requirements	Guaranteed entry - 75
Assumed Knowledge	None
Recommended Studies	HSC Mathematics Extension 1 or HSC Mathematics Extension 2 plus HSC Information Processes and Technology and/or HSC Software Design and Development, or equivalent.

COURSE STRUCTURE

Bachelor of Information Technology = 240 credit points	
Core Zone	160 credit points
Flexible Zone	80 credit points
Qualification = 240 credit points	

CORE ZONE

Essential units - 50 credit points		
COMP1000	Introduction to Computer Programming	10
COMP1300	Introduction to Cyber Security	10
COMP1350	Introduction to Database Design and Management	10
COMP2270	Networking and Cloud Computing	10
COMP2700	Project Management and Professional Practice	10

Capstone unit - 10 credit points		
Complete the capstone unit below.		
COMP3850	PACE: Computing Industry Project	10

Elective unit - 10 credit points		
Complete 10 credit points from the following options.		
COMP1010	Fundamentals of Computer Science	10
COMP1151	Introduction to Game Development	10
COMP1750	Introduction to Business Information Systems	10
STAT1170	Introductory Statistics	10

Elective unit - 10 credit points		
Complete 10 credit points from the following options.		
COMP3410	Knowledge, Planning and Decision Making under Uncertainty	10
COMP3250	Computer Networks	10
COMP3760	Enterprise Systems Integration	10
COMP3780	Technology Management	10

MAJOR

Major in Cyber Security = 80 credit points		
Complete the following units		
COMP1010	Fundamentals of Computer Science	10
COMP2300	Applied Cryptography	10
COMP2310	Digital Forensics	10
COMP3300	Data Privacy and Information Security	10
COMP3320	Cyber Security Management in Practice	10
MATH1007	Discrete Mathematics I	10

Elective unit - 10 credit points		
Complete 10 credit points from the following options.		
COMP2110	Web Technology	10
COMP2350	Database Systems	10
PICT2001	Cybercrime	10

Elective unit - 10 credit points		
Complete 10 credit points from the following options.		
COMP3250	Computer Networks	10
COMP3310	Secure Applications Development	10
PICT3011	Cyber Security in Practice	10

FLEXIBLE ZONE

Flexible Zone = 80 credit points

This zone allows you to either gain more depth in your chosen area of study or learn about other areas that interest you. You can use your flexible zone to enrol in any Undergraduate unit for which you meet the requisites. You may also use your flexible zone to complete a minor.