Bachelor of Information Technology

Major in Software Technology

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

Core Zone = 160 credit points		
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

Software Technology = 80 credit points		
Complete the following units		
COMP1010	Fundamentals of Computer Science	10
MATH1007	Discrete Mathematics I	10
COMP2000	Object-Oriented Programming Practices	10
COMP2010	Algorithms and Data Structures	10
COMP2100	Systems Programming	10
COMP3000	Programming Languages	10
COMP3100	Distributed Systems	10
COMP3050	Software Systems Development and Operations	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.