

# Bachelor of Information Technology

## Major in Networking

### ENTRY REQUIREMENTS

<b>Academic Requirements</b>	Guaranteed entry - 75
<b>Assumed Knowledge</b>	None
<b>Recommended Studies</b>	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

<b>Bachelor of Information Technology = 240 credit points</b>	
Core Zone	160 credit points
Flexible Zone	80 credit points
<b>Qualification = 240 credit points</b>	

### CORE ZONE

<b>Core Zone = 160 credit points</b>	
<b>Essential units - 50 credit points</b>	
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
<b>Capstone unit - 10 credit points</b>	
<b>Complete the capstone unit below.</b>	
COMP3850 PACE: Computing Industry Project	10
<b>Elective unit - 10 credit points</b>	
<b>Complete 10 credit points from the following options.</b>	
COMP1010 Fundamentals of Computer Science	10
COMP1151 Introduction to Game Development	10
COMP1750 Introduction to Business Information Systems	10
STAT1170 Introductory Statistics	10
<b>Elective unit - 10 credit points</b>	
<b>Complete 10 credit points from the following options.</b>	
COMP3410 Knowledge, Planning and Decision Making under Uncertainty	10
COMP3250 Computer Networks	10
COMP3760 Enterprise Systems Integration	10
COMP3780 Technology Management	10

### MAJOR

<b>Major in Information Systems and Business Analysis 80 credit points</b>		
<b>Complete the following units</b>		
COMP1010	Fundamentals of Computer Science	10
MATH1007	Discrete Mathematics I	10
COMP2100	Systems Programming	10
COMP2291	Operating Systems	10
COMP2300	Applied Cryptography	10
COMP3100	Distributed Systems	10
COMP3250	Computer Networks	10
COMP3255	Introduction to Mobile Communications	10

### FLEXIBLE ZONE

<b>Flexible Zone = 80 credit points</b>	
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.	