

B1390 Bachelor of IT (Internetworking and Network Security)

Academic Chair: Terry Koziniec

Start Date: Semester 1 2024

Year 1 – 2024	Semester 1 Units	CP	Semester 2 Units	CP
	ICT100 Transition to IT	3	ICT111 Cybersecurity Fundamentals	3
	ICT159 Foundations of Programming	3	ICT169 Foundations of Data Communications	3
	ICT171 Introduction to Server Environments and Architectures	3	ICT170 Foundations of Computer Systems	3
	Year 1 Unit (General Elective) OR MAS164 Fundamentals of Mathematics (if required for MAS162, see MAS162 unit pre-requisites)	3	MAS162 Foundations of Discrete Mathematics OR MAS183 Statistical Data Analysis OR ICT109 IoT Technopreneurship	3
Total	12	Total	12	
Year 2 – 2025	Semester 1 Units	CP	Semester 2 Units	CP
	BSC203 Introduction to ICT Research Methods	3	ICT298 IT Certification Pathways OR MSP200 Building Enterprise Skills OR ICT356 Structured Workplace Learning Placement OR COM208, Podcast Production and Streaming OR COM203, Consulting and Freelancing	3
	ICT284 Systems Analysis and Design	3	ICT285 Databases	3
	ICT291 Network Design and Implementation	3	ICT372 Advanced Network Design and Implementation	3
	Year 2 Unit (General Elective)	3	Year 2 Unit (General Elective)	3
Total	12	Total	12	
Year 3 - 2026	Semester 1 Units	CP	Semester 2 Units	CP
	ICT201 Information Technology Project Management	3	ICT302 IT Professional Practice Project	3
	ICT377 Network Security	3	ICT369 Wireless and Interactive Networks	3
	ICT299 Service Management Experience	3	Year 3 Unit (General Elective)	3
	Year 3 Unit (General Elective)	3	Year 3 Unit (General Elective)	3
Total	12	Total	12	

TOTAL CREDIT POINTS 72

Semester 1 notes	Semester 2 notes
<p>Recommended year 1 electives:</p> <ul style="list-style-type: none"> MSP100 Career Learning: Managing Your Career <p>Recommended year2/3 electives:</p> <ul style="list-style-type: none"> ICT287 - Computer Security 	<ul style="list-style-type: none"> MSP100 can be completed instead of ICT111. Students can choose between MAS162, MAS183 or ICT109. MAS183 will satisfy the requirements for BIS and Cybersecurity majors. MAS162 is needed for other double majors in IT. MAS164 may be required for enrolling into MAS162. MSP201, Real World Learning can be taken in place of ICT299 in S2.

Please note: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the [Handbook](#). Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as at 13/12/2023.