

# B1390 Bachelor of IT (Internetworking and Network Security)

Academic Chair: Dr Joseph Stevens

Start Date: Semester 1 2025

Year 1 – 2025	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
	ICT145 Python Programming for Everyone	3	MAS162 Foundations of Discrete Mathematics (only if MAS164 is not required) <b>OR</b> MAS183 Statistical Data Analysis	3
<b>Total</b>	<b>12</b>	<b>Total</b>	<b>12</b>	
Year 2 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
	BSC203 Introduction to ICT Research Methods	3	ICT298 IT Certification Pathways <b>OR</b> MSP200 Building Enterprise Skills	3
	ICT284 Systems Analysis and Design	3	Year 2 Unit (General Elective)	3
	Year 2 Unit (General Elective)	3	ICT285 Databases	3
	ICT291 Network Design and Implementation	3	ICT372 Advanced Network Design and Implementation	3
<b>Total</b>	<b>12</b>	<b>Total</b>	<b>12</b>	
Year 3 – 2027	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
	Year 3 Unit (General Elective)	3	ICT299 Service Management Experience <b>OR</b> MSP201 Real World Learning	3
	Year 3 Unit (General Elective)	3	Year 3 Unit (General Elective)	3
<b>Total</b>	<b>12</b>	<b>Total</b>	<b>12</b>	

**TOTAL CREDIT POINTS 72**

Semester 1 notes	Semester 2 notes
<p>You can choose between MAS162 and MAS183 but note that MAS162 may require completion of MAS164 (see handbook for MAS162 requirements). If MAS164 is required, you should complete MAS183.</p>	<p>ICT145 is recommended, but either ICT145 or ICT167 can be completed.</p> <p>ICT356 and MSP201 are not a self-enrolled units and require approval to grant enrolment. See handbook.</p> <p>Recommended year2/3 electives:</p> <ul style="list-style-type: none"> <li>• CRM100 - Introduction to Criminology (if not exceed maximum of 30 points of 100-level units)</li> <li>• ICT286 - Web and Mobile Computing</li> <li>• ICT356 Structured Workplace Learning Placement</li> </ul>

**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 29/01/2025.