

B1390 BIT Internetworking and Network Security S1 2026

Academic Chair: Terry Koziniec

Start Date: Semester 1 2026

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
	ICT100 Transition to IT	3	ICT111 Cybersecurity Fundamentals	3
	ICT145 Python Programming for Everyone	3	ICT159 Foundations of Programming	3
	ICT169 Foundations of Data Communications	3	ICT170 Foundations of Computer Systems	3
	ICT171 Introduction to Server Environments and Architectures	3	MAS162 Foundations of Discrete Mathematics (only if MAS164 is not required) OR MAS183 Statistical Data Analysis	3
	Total	12	Total	12
Year 2 – 2027	Semester 1 Units	CP	Semester 2 Units	CP
	BSC203 Introduction to ICT Research Methods	3	Discovery Study Unit	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 – 2028	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	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
ICT284 is recommended in this sample plan, but ICT206 in S2 can be completed instead (see handbook) by moving the Discovery Study unit into S1.	<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>Recommended year2/3 electives:</p> <ul style="list-style-type: none"> • ICT286 Web and Mobile Computing • ICT292 Information Systems Management • ICT298 IT Certification Pathways • ICT299 Service Management Experience • ENG252 Embedded Systems • ICT356 Structured Workplace Learning Placement

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 17/11/2025.