B1390 Bachelor of IT (Internetworking and Network Security)

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Start Date: Semester 2 2025

Year 1 – 2025

Semester 1 Units	CP	Semester 2 Units	CP
		ICT100 Transition to IT	3
		ICT169 Foundations of Data Communications	3
		ICT170 Foundations of Computer Systems	3
		ICT145 Python Programming for Everyone OR Unit from Specified Elective (SE) Set 1*	3
Total		**Total**	12

Year 2 - 2026

Semester 1 Units	CP	Semester 2 Units	CP
ICT111 Cybersecurity Fundamentals	3	ICT285 Databases	3
ICT159 Foundations of Programming	3	ICT206 Intelligent Systems OR ICT284 Systems Analysis and Design.	3
ICT171 Introduction to Server Environments and Architectures	3	Unit from Specified Elective (SE) Set 2** OR if already completed - General Elective (2XX or 3XX)	3
Unit from Specified Elective (SE) Set 1* (Or general elective if SE1 completed in 2025)	3	Spine 1 ***	3
Total	12	**Total**	12

Year 3 - 2027

Semester 1 Units	CP	Semester 2 Units	CP
ICT291 Network Design and Implementation	3	ICT369 Wireless and Interactive Networks	3
BSC203 Introduction to ICT Research Methods	3	ICT372 Advanced Network Design and Implementation	3
ICT201 Information Technology Project Management	3	General Elective – 2XX or 3XX	3
General Elective – 2XX or 3XX	3	Spine 2 ***	3
Total	12	**Total**	12

Year 4 - 2028

Semester 1 Units	CP	Semester 2 Units	CP
ICT302 IT Professional Practice Project	3		
ICT377 Network Security	3		
General Elective – 2XX or 3XX	3		
General Elective – 2XX or 3XX	3		
Total	12		

TOTAL CREDIT POINTS 72

Notes

*SE1: Students can choose between MAS162, MAS183 or SIK102. Note that MAS162 may require completion of MAS164 (see handbook for MAS162 requirements). Some majors in IT require MAS162. Consider this if you are contemplating a second major, other than Cyber Security and Forensics.

** SE2: Students can choose between:
ICT145 - Python Programming for Everyone
ICT167 - Principles of Computer Science

*** Spine 1&2. Complete two of the following:
ICT298 - IT Certification Pathways
ICT299 - Service Management Experience
ICT356 - Structured Workplace Learning Placement - Information Technology
COM203 - Consulting and Freelancing
COM208 - Podcasting
MSP200 - Building Employability Skills
MSP201 - Real World Learning

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 25/6/2025.