B1390 Bachelor of IT (Cyber Security and Forensics, Internetworking and Network Security)

Academic Chair: Dr Sebastian Zander   **Start Date:**   Semester 1 2024

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 – 2024	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	3
	Total	12	**Total**	12
Year 2 – 2025	BSC203 Introduction to ICT Research Methods	3	ICT298 IT Certification Pathways **OR** MSP200 Building Enterprise Skills	3
	ICT284 Systems Analysis and Design	3	MSP201 Real World Learning	3
	ICT287 Computer Security	3	ICT285 Databases	3
	ICT291 Network Design and Implementation	3	ICT372 Advanced Network Design and Implementation	3
	Total	12	**Total**	12
Year 3 - 2026	ICT201 Information Technology Project Management	3	ICT302 IT Professional Practice Project	3
	ICT377 Network Security	3	ICT369 Wireless and Interactive Networks	3
	ICT378 Cyber Forensics	3	ICT379 Security Architectures and Systems Administration	3
	ICT380 Information Security Policy and Governance	3	Year 3 Unit (General Elective)	3
	Total	12	**Total**	12

TOTAL CREDIT POINTS	**72**

Semester 1 notes	Semester 2 notes
Students must complete either MAS162 or MAS183. MAS164 may be required for enrolling into MAS162. Recommended year 1 electives: • MSP100 Career Learning: Managing Your Career	MSP100 can be completed instead of ICT111. Students must complete either MAS162 or MAS183. MAS164 may be required for enrolling into MAS162. Recommended year2/3 electives: • ICT167 - Principles of Computer Science (if not exceed maximum of 30 points of 100-level units) • ICT286 - Web and Mobile Computing • 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 13/10/2023.