B1390 Bachelor of IT (Cyber Security and Forensics, Computer Science)

Academic Chair: Dr Sebastian Zander

Start Date: Semester 1 2026

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 – 2026	ICT100 Transition to IT	3	ICT167 Principles of Computer Science	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
	MAS164 Fundamentals of Mathematics (if required for MAS162, see MAS162 unit pre-requisites) **OR** MAS162 Foundations of Discrete Mathematics	3	MAS162 Foundations of Discrete Mathematics (if not completed in S1) **OR** ICT111 Cybersecurity Fundamentals	3
	Total	12	**Total**	12
Year 2 – 2027	BSC203 Introduction to ICT Research Methods	3	Discovery Study Unit (if not completed earlier) **OR** Year 2 Unit (General Elective)	3
	ICT111 Cybersecurity Fundamentals (if not completed earlier) **OR** Discovery Study Unit **OR** Year 2 Unit (General Elective)	3	ICT206 Intelligent Systems	3
	ICT280 Information Security Policy and Governance	3	ICT279 Security Architectures and Controls	3
	ICT283 Data Structures and Abstractions	3	ICT285 Databases	3
	Total	12	**Total**	12
Year 3 – 2028	ICT201 Information Technology Project Management	3	ICT302 IT Professional Practice Project	3
	ICT373 Software Architectures	3	ICT303 Advanced Machine Learning and Artificial Intelligence	3
	ICT378 Cyber Forensics and Incident Response	3	ICT374 Operating Systems and Systems Programming	3
	ICT387 Ethical Hacking and Software Security	3	Year 3 Unit (General Elective)	3
	Total	12	**Total**	12

TOTAL CREDIT POINTS 72

Semester 1 notes	Semester 2 notes
MAS162 and ICT111 should completed in year 1, but if MAS164 is required for MAS162, then ICT111 needs to be completed in year 2. Recommended year2/3 electives: • CRM100 Introduction to Criminology (if not exceed max of 30 points of 100-level units) • ICT202 Machine Learning • ICT299 Service Management Experience • ICT356 Structured Workplace Learning Placement	Recommended year2/3 electives: • CRM100 Introduction to Criminology (if not exceed max of 30 points of 100-level units) • ICT286 Web and Mobile Computing • ICT292 Information Systems Management • ICT299 Service Management Experience • ICT356 Structured Workplace Learning Placement ICT356 and MSP201 are not a self-enrolled units and require approval to grant enrolment. See handbook.

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 7/11/2025.