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

Academic Chair: Dr Sebastian Zander **Start Date:** Semester 2 2024

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 – 2024			ICT100 Transition to IT	3
			ICT169 Foundations of Data Communications	3
			ICT170 Foundations of Computer Systems	3
			MAS164 (if required, see MAS162 unit pre-requisites) **OR** ICT111 Cybersecurity Fundamentals	3
	Total		**Total**	12
	Semester 1 Units	CP	Semester 2 Units	CP
Year 2 - 2025	ICT159 Foundations of Programming	3	ICT111 Cybersecurity Fundamentals (if not yet completed) **OTHERWISE** ICT298 IT Certification Pathways **OR** MSP200 Building Enterprise Skills	3
	ICT171 Introduction to Server Environments and Architectures	3	ICT167 Principles of Computer Science	3
	MAS162 Foundations of Discrete Mathematics	3	ICT206 Intelligent Systems	3
	BSC203 Introduction to ICT Research Methods	3	ICT285 Databases	3
	Total	12	**Total**	12
	Semester 1 Units	CP	Semester 2 Units	CP
Year 3 - 2026	ICT201 Information Technology Project Management	3	ICT356 Structured Workplace Learning Placement **OR** MSP201 Real World Learning	3
	ICT283 Data Structures and Abstractions	3	ICT303 Advanced Machine Learning and Artificial Intelligence	3
	ICT284 Systems Analysis and Design	3	ICT374 Operating Systems and Systems Programming	3
	ICT287 Computer Security	3	ICT379 Security Architectures and Systems Administration	3
	Total	12	**Total**	12
	Semester 1 Units	CP	Semester 2 Units	CP
Year 4 - 2027	ICT302 IT Professional Practice Project	3		
	ICT373 Software Architectures	3		
	ICT378 Cyber Forensics	3		
	ICT380 Information Security Policy and Governance	3		
	Total	12	**Total**	

TOTAL CREDIT POINTS 72

Semester 1 notes	Semester 2 notes
	ICT356 and MSP201 are not a self-enrolled units and require approval to grant enrolment. See handbook. MSP200 is effectively replaced by MAS164, if MAS164 is required as pre-requisite for MAS162 (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 4/6/2024.