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

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	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**
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 2 – 2025	BSC203 Introduction to ICT Research Methods	3	ICT298 IT Certification Pathways **OR** MSP200 Building Enterprise Skills	3
	ICT283 Data Structures and Abstractions	3	MSP201 Real World Learning	3
	ICT284 Systems Analysis and Design	3	ICT206 Intelligent Systems	3
	ICT287 Computer Security	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	ICT302 IT Professional Practice Project	3
	ICT373 Software Architectures	3	ICT303 Advanced Machine Learning and Artificial Intelligence	3
	ICT378 Cyber Forensics	3	ICT374 Operating Systems and Systems Programming	3
	ICT380 Information Security Policy and Governance	3	ICT379 Security Architectures and Systems Administration	3
	Total	**12**	**Total**	**12**

TOTAL CREDIT POINTS	**72**

Semester 1 notes	Semester 2 notes
If MAS164 is required to enrol into MAS162, the unit ICT111/MSP100 does NOT need to be completed for graduating with this double Major.	MSP100 can be completed instead of ICT111.

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.