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

Academic Chair: Dr Sebastian Zander **Start Date:** Semester 1 2027

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 – 2027	ICT159 Foundations of Programming	3	ICT111 Cybersecurity Fundamentals	3
	ICT169 Foundations of Data Communications	3	ICT167 Principles of Computer Science	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** Year 1 Unit (General Elective)	3
	Total	12	**Total**	12
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 2 – 2028	ICT200 Critical Issues in ICT	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
	Year 2 Unit (General Elective)	3	Discovery Study Unit	3
	Total	12	**Total**	12
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 3 – 2029	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
Recommended year2/3 electives: • CRM100 Introduction to Criminology (if not exceed max of 30 points of 100-level units) • ICT202 Machine Learning • ICT284 System Analysis and Design • ICT299 Service Management Experience	Recommended year2/3 electives: • CRM100 Introduction to Criminology • TLC101 Communication Skills • MAS161 Calculus and Matrix Algebra • MAS182 Introductory Calculus with Applications • MAS183 Statistical Data Analysis • ICT286 Web and Mobile Computing • ICT292 Information Systems Management • ICT299 Service Management Experience • ICT356 Structured Workplace Learning Placement • TLC201 Real World Learning ICT356 and TLC201 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 22/10/2026.