B1390 Bachelor of IT (Cyber Security and Forensics, AI and Autonomous Systems)

Academic Chair: Dr Sebastian Zander **Start Date:** Semester 2 2025

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 – 2025			ICT100 Transition to IT	3
			ICT169 Foundations of Data Communications	3
			ICT170 Foundations of Computer Systems	3
			MAS164 (**only 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 - 2026	ICT159 Foundations of Programming	3	ICT111 Cybersecurity Fundamentals (if not yet completed) **OR** Year 2 Unit (General Elective)	3
	ICT171 Introduction to Server Environments and Architectures	3	ICT298 IT Certification Pathways **OR** MSP200 Building Enterprise Skills	3
	MAS162 Foundations of Discrete Mathematics	3	ICT167 Principles of Computer Science	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 - 2027	ICT201 Information Technology Project Management	3	ICT356 Structured Workplace Learning Placement **OR** ICT299 Service Management Experience	3
	ICT202 Machine Learning	3	ICT203 Artificial Intelligence and Intelligent Agents	3
	ICT284 Systems Analysis and Design	3	ICT305 Data Visualisation and Simulation	3
	ICT280 Information Security Policy and Governance	3	ICT279 Security Architectures and Controls	3
	Total	12	**Total**	12
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 4 - 2028	ICT302 IT Professional Practice Project	3		
	ICT304 AI System Design	3		
	ICT378 Cyber Forensics and Incident Response	3		
	ICT387 Ethical Hacking and Software Security	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. Recommended year2/3 electives: • MAS225 - Optimisation and Graph Theory • ICT286 - Web and Mobile Computing

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. Use Course Visualiser to explore all your options. 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 16/6/2025.