

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

Academic Chair: Dr Sebastian Zander

Start Date: Semester 2 2024

Year	Semester 1 Units	CP	Semester 2 Units	CP
	Year 1 – 2024			ICT100 Transition to IT
			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
Year 2 - 2025	Semester 1 Units	CP	Semester 2 Units	CP
	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	
Year 3 - 2026	Semester 1 Units	CP	Semester 2 Units	CP
	ICT201 Information Technology Project Management	3	ICT356 Structured Workplace Learning Placement OR MSP201 Real World Learning	3
	ICT202 Machine Learning	3	ICT203 Artificial Intelligence and Intelligent Agents	3
	ICT284 Systems Analysis and Design	3	ICT305 Data Visualisation and Simulation	3
	ICT287 Computer Security	3	ICT379 Security Architectures and Systems Administration	3
Total	12	Total	12	
Year 4 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	ICT302 IT Professional Practice Project	3		
	ICT304 AI System Design	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
	<p>ICT356 and MSP201 are not a self-enrolled units and require approval to grant enrolment. See handbook.</p> <p>Recommended year2/3 electives:</p> <ul style="list-style-type: none"> 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](#). 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.