

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

Academic Chair: Dr Sebastian Zander

Start Date: Semester 2 2025

Year 1 – 2025	Semester 1 Units	CP	Semester 2 Units	CP
			ICT100 Transition to IT	3
			ICT169 Foundations of Data Communications	3
			ICT170 Foundations of Computer Systems	3
			MAS164 ( <b>only if required</b> , see MAS162 unit pre-requisites) <b>OR</b> ICT111 Cybersecurity Fundamentals	3
	Total		Total	12
Year 2 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
	ICT159 Foundations of Programming	3	ICT111 Cybersecurity Fundamentals (if not yet completed) <b>OR</b> Year 2 Unit (General Elective)	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
Year 3 – 2027	Semester 1 Units	CP	Semester 2 Units	CP
	ICT201 Information Technology Project Management	3	ICT356 Structured Workplace Learning Placement <b>OR</b> ICT299 Service Management Experience	3
	ICT283 Data Structures and Abstractions	3	ICT303 Advanced Machine Learning and Artificial Intelligence	3
	ICT280 Information Security Policy and Governance	3	ICT374 Operating Systems and Systems Programming	3
	ICT298 IT Certification Pathways <b>OR</b> MSP200 Building Enterprise Skills	3	ICT279 Security Architectures and Controls	3
	Total	12	Total	12
Year 4 – 2028	Semester 1 Units	CP	Semester 2 Units	CP
	ICT302 IT Professional Practice Project	3		
	ICT373 Software Architectures	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
	<p>ICT356 and MSP201 are <b>not</b> 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"> <li>CRM100 Introduction to Criminology (if not exceed maximum of 30 points of 100-level units)</li> <li>ICT286 Web and Mobile Computing</li> </ul>

**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.