

B1390 Bachelor of IT (Cyber Security and Forensics)

Academic Chair: Dr Sebastian Zander

Start Date: Semester 1 2024

Year 1 – 2024	Semester 1 Units	CP	Semester 2 Units	CP
		ICT100 Transition to IT	3	ICT111 Cybersecurity Fundamentals
	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
	Year 1 Unit (General Elective) OR MAS164 Fundamentals of Mathematics (if required for MAS162, see MAS162 unit pre-requisites)	3	MAS162 Foundations of Discrete Mathematics OR MAS183 Statistical Data Analysis	3
	Total	12	Total	12
Year 2 – 2025	Semester 1 Units	CP	Semester 2 Units	CP
		BSC203 Introduction to ICT Research Methods	3	ICT298 IT Certification Pathways OR MSP200 Building Enterprise Skills
	ICT201 Information Technology Project Management	3	ICT285 Databases	3
	ICT284 Systems Analysis and Design	3	Year 2 Unit (General Elective)	3
	ICT287 Computer Security	3	Year 2 Unit (General Elective)	3
	Total	12	Total	12
Year 3 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
		ICT299 Service Management Experience OR MSP201 Real World Learning	3	ICT302 IT Professional Practice Project
	ICT378 Cyber Forensics	3	ICT379 Security Architectures and Systems Administration	3
	ICT380 Information Security Policy and Governance	3	Year 3 Unit (General Elective)	3
	Year 3 Unit (General Elective)	3	Year 3 Unit (General Elective)	3
	Total	12	Total	12

TOTAL CREDIT POINTS 72

Semester 1 notes	Semester 2 notes
<p>Recommended year 1 electives:</p> <ul style="list-style-type: none"> MSP100 Career Learning: Managing Your Career <p>Recommended year2/3 electives:</p> <ul style="list-style-type: none"> ICT291 - Network Design and Implementation ICT356 Structured Workplace Learning Placement 	<p>MSP100 can be completed instead of ICT111.</p> <p>Students must complete either MAS162 or MAS183 but note that MAS162 is required for some other IT Majors which is important if you are planning to complete a double Major. MAS164 may be required for enrolling into MAS162.</p> <p>Recommended year2/3 electives:</p> <ul style="list-style-type: none"> ICT167 - Principles of Computer Science (if not exceed maximum of 30 points of 100-level units) ICT286 - Web and Mobile Computing ICT356 Structured Workplace Learning Placement

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.