

B1390 Bachelor of IT (Cyber Security and Forensics)

Academic Chair: Dr Sebastian Zander

Start Date: Semester 2 2024

Year 1 – 2024	Semester 1 Units	CP	Semester 2 Units	CP
				ICT100 Transition to IT
			ICT169 Foundations of Data Communications	3
			ICT170 Foundations of Computer Systems	3
			MAS164 Fundamentals of Mathematics (if required for MAS162, 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	ICT298 IT Certification Pathways OR MSP200 Building Enterprise Skills	3
	ICT171 Introduction to Server Environments and Architectures	3	ICT285 Databases	3
	MAS162 Foundations of Discrete Mathematics OR MAS183 Statistical Data Analysis	3	ICT111 Cybersecurity Fundamentals (if not yet completed) OR Year 2 Unit (General Elective)	3
	Year 1 Unit (General Elective)	3	Year 2 Unit (General Elective)	3
	Total	12	Total	12
Year 3 - 2026	Semester 1 Units	CP	Semester 2 Units	CP
	BSC203 Introduction to ICT Research Methods	3	ICT356 Structured Workplace Learning Placement OR MSP201 Real World Learning	3
	ICT201 Information Technology Project Management	3	ICT379 Security Architectures and Systems Administration	3
	ICT284 Systems Analysis and Design	3	Year 3 Unit (General Elective)	3
	ICT287 Computer Security	3	Year 3 Unit (General Elective)	3
	Total	12	Total	12
Year 4 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	ICT302 IT Professional Practice Project	3		
	ICT378 Cyber Forensics	3		
	ICT380 Information Security Policy and Governance	3		
	Year 3 Unit (General Elective)	3		
	Total	12	Total	

TOTAL CREDIT POINTS 72

Semester 1 notes	Semester 2 notes
<p>Students can choose between MAS162 and MAS183 but note that MAS162 is required for some other IT Majors which is important if you are planning to study a double Major. Note that MAS162 may require completion of MAS164 (see handbook for MAS162 requirements).</p> <p>Recommended year2/3 electives:</p> <ul style="list-style-type: none"> ICT291 - Network Design and Implementation 	<p>ICT356 and MSP201 are not a self-enrolled units and require approval to grant enrolment. See handbook.</p> <p>Recommended year 1 electives:</p> <ul style="list-style-type: none"> ICT167 - Principles of Computer Science ICT109 - IoT Technopreneurship <p>Recommended year2/3 electives:</p> <ul style="list-style-type: none"> 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 4/6/2024.