

B1390 Bachelor of IT (Cyber Security and Forensics)

Academic Chair: Dr Sebastian Zander

Start Date: Semester 1 2025

Year 1 – 2025	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
	MAS162 Foundations of Discrete Mathematics (if MAS164 is not required) OR MAS183 Statistical Data Analysis	3	ICT145 Python Programming for Everyone (recommended) OR ICT167 Principles of Computer Science	3
	Total	12	Total	12
Year 2 – 2026	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	ICT279 Security Architectures and Controls	3
	ICT280 Information Security Policy and Governance	3	Year 2 Unit (General Elective)	3
	Total	12	Total	12
Year 3 – 2027	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 and Incident Response	3	Year 3 Unit (General Elective)	3
	ICT387 Ethical Hacking and Software Security	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>Students must complete either MAS162 or MAS183 but note that MAS162 is required for CS and AI Majors (if you plan to complete a double Major). MAS164 may be required for enrolling into MAS162 (see handbook for MAS162 requirements). If MAS164 is required and you do not plan to do a double Major, MAS183 is recommended.</p> <p>ICT284 is recommended in this sample plan, but ICT206 can be completed instead (see handbook). ICT206 is required for double Major with CS.</p> <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"> ICT291 - Network Design and Implementation ICT356 Structured Workplace Learning Placement 	<p>ICT145 is recommended in this plan but note that ICT167 is required for double Major combinations with Computer Science (CS) or Artificial Intelligence (AI).</p> <p>Recommended year2/3 electives:</p> <ul style="list-style-type: none"> CRM100 Introduction to Criminology (if not exceed maximum of 30 points of 100-level units) MSP100 (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 29/01/2025.