

B1390 Bachelor of IT (Cyber Security and Forensics)

Academic Chair: Dr Sebastian Zander

Start Date: Semester 2 2026

Year	Semester 1 Units	CP	Semester 2 Units	CP
	Year 1 – 2026			ICT100 Transition to IT
			ICT169 Foundations of Data Communications	3
			ICT170 Foundations of Computer Systems	3
			ICT145 Python Programming for Everyone (see note 1) OR MAS164 Fundamentals of Mathematics (if required for MAS162)	3
Total			Total	12
Year 2 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	ICT111 Cybersecurity Fundamentals	3	Discovery Study Unit	3
	ICT159 Foundations of Programming (see note 1)	3	ICT206 Intelligent Systems (see note 3)	3
	ICT171 Introduction to Server Environments and Architectures	3	ICT285 Databases	3
	MAS162 Foundations of Discrete Mathematics OR MAS183 Statistical Data Analysis (see note 2)	3	ICT145 Python Programming for Everyone (if not completed yet) OR ICT167 Principles of Computer Science OR Year 2 Unit (General Elective)	3
Total	12	Total	12	
Year 3 - 2028	Semester 1 Units	CP	Semester 2 Units	CP
	BSC203 Introduction to ICT Research Methods	3	ICT279 Security Architectures and Controls	3
	ICT201 Information Technology Project Management	3	Year 3 Unit (General Elective)	3
	ICT280 Information Security Policy and Governance	3	Year 3 Unit (General Elective)	3
	Year 2 Unit (General Elective)	3	Year 3 Unit (General Elective)	3
Total	12	Total	12	
Year 4 - 2029	Semester 1 Units	CP	Semester 2 Units	CP
	ICT302 IT Professional Practice Project	3		
	ICT378 Cyber Forensics and Incident Response	3		
	ICT387 Ethical Hacking and Software Security	3		
	Year 3 Unit (General Elective)	3		
Total	12	Total		

TOTAL CREDIT POINTS 72

Semester 1 notes	Semester 2 notes
<p>1: It is recommended to enrol in ICT145 in first semester followed by ICT159 in second semester. However, if you plan double major with (Computer Science) CS or (Artificial Intelligence) AI, you enrol in ICT159 in S1 2027 followed by ICT167 (instead of ICT145) in S2 2027.</p> <p>2: You must complete either MAS162 or MAS183 but MAS162 is required for CS and AI majors (if you plan double major). MAS164 may be required for enrolling in MAS162 (see handbook). If MAS164 is required and you do not plan double major, MAS183 is recommended.</p> <p>Recommended year2/3 electives:</p> <ul style="list-style-type: none"> CRM100 Introduction to Criminology 	<p>1: ICT145 is recommended before ICT159. However, if you plan a double major with CS and AI, you need to complete ICT159 in S1 2027 and ICT167 (instead of ICT145) in S2 2027.</p> <p>3: ICT206 is recommended here, but ICT284 in S1 can be completed instead (see handbook). Note that ICT206 is required for double major with CS.</p> <p>ICT356 is not a self-enrolled unit and requires approval to grant enrolment. See handbook.</p> <p>Recommended year2/3 electives:</p> <ul style="list-style-type: none"> CRM100 Introduction to Criminology (if not exceed max of 30 points of 100-level units)

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<p>(if not exceed max of 30 points of 100-level units)</p> <ul style="list-style-type: none">• ICT202 Machine Learning• ICT291 Network Design and Implementation• ICT299 Service Management Experience• ICT356 Structured Workplace Learning Placement	<ul style="list-style-type: none">• ICT286 Web and Mobile Computing• ICT292 Information Systems Management• ICT299 Service Management Experience• ICT356 Structured Workplace Learning Placement• ICT369 Wireless and Interactive Networks
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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 17/6/2026.