B1390 Bachelor of IT (Cyber Security and Forensics)

Academic Chair: Dr Sebastian Zander   **Start Date:**   Semester 2 2025

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 – 2025			ICT100 Transition to IT	3
			ICT169 Foundations of Data Communications	3
			ICT170 Foundations of Computer Systems	3
			MAS164 Fundamentals of Mathematics (**only if required** for MAS162, see MAS162 unit pre-requisites) **OR** ICT145 Python Programming for Everyone	3
	Total		**Total**	12
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 2 - 2026	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	ICT206 Intelligent Systems	3
	ICT111 Cybersecurity Fundamentals	3	ICT145 Python Programming for Everyone (if not completed yet) **OR** Year 2 Unit (General Elective)	3
	Total	12	**Total**	12
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 3 - 2027	BSC203 Introduction to ICT Research Methods	3	ICT356 Structured Workplace Learning Placement **OR** ICT299 Service Management Experience	3
	ICT201 Information Technology Project Management	3	ICT279 Security Architectures and Controls	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
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 4 - 2028	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
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). Recommended year2/3 electives: • ICT291 Network Design and Implementation	ICT356 and MSP201 are **not** a self-enrolled units and require approval to grant enrolment. See handbook. Recommended year2/3 electives: • CRM100 Introduction to Criminology (if not exceed maximum of 30 points of 100-level units) • ICT286 Web and Mobile Computing • ICT356 Structured Workplace Learning Placement • ICT369 Wireless and Interactive Networks

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.