

Internetworking and Network Security and Business Information Systems

Academic Chair: [Joseph Stevens](#)

Start Date: Semester 2 2023

Year 1 – 2023	Semester 1 Units	CP	Semester 2 Units	CP
				ICT100 Transition to IT
			ICT169 Foundations of Data Communications	3
			ICT170 Foundations of Computer Systems	3
			ICT158 Introduction to Information Systems	3
			Total	12
Year 2 - 2024	Semester 1 Units	CP	Semester 2 Units	CP
	MSP100 Career Learning: Managing Your Career OR MAS164 (if required, see MAS162 unit pre-requisites)	3	MSP200 Building Enterprise Skills	3
	ICT159 Foundations of Programming	3	ICT285 Databases	3
	ICT171 Introduction to Server Environments and Architectures	3	ICT292 Information Systems Management	3
	ICT291 Network Design and Implementation	3	MAS162 Foundations of Discrete Mathematics OR MAS183 Statistical Data Analysis	3
	Total	12	Total	12
Year 3 - 2025	Semester 1 Units	CP	Semester 2 Units	CP
	ICT284 Systems Analysis and Design	3	ICT369 Wireless and Interactive Networks	3
	BSC203 Introduction to ICT Research Methods	3	ICT372 Advanced Network Design and Implementation	3
	ICT201 Information Technology Project Management	3	ICT393 Advanced Business Analysis and Design	3
	ICT377 Network Security	3	ICT301 Enterprise Architectures	3
	Total	12	Total	12
Year 4 - 2026	Semester 1 Units	CP	Semester 2 Units	CP
	ICT302 IT Professional Practice Project	3		
	MSP201 Real World Learning	3		
	ICT394 Business Intelligence Application Development	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. Recommended year 1 electives: <ul style="list-style-type: none"> ICT109 - IoT Technopreneurship Recommended year2/3 electives: <ul style="list-style-type: none"> WKP356 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 DD/MM/YY.