

Course Plan (Sample Only)

B1390 BIT Computer Science / Internetworking and Network Security Double Major

Semester 1 2022 entry

	Semester 1		Semester 2	
Year 1	ICT100 Transition to IT	3pts	ICT167 Principles of Computer Science	3pts
	MSP100 Career Learning: Managing Your Career OR MAS164* (if required, see MAS162 unit pre-requisites)	3pts	ICT169 Foundations of Data Communications	3pts
	ICT159 Foundations of Programming	3pts	ICT170 Foundations of Computer Systems	3pts
	ICT171 Introduction to Server Environments and Architectures	3pts	MAS162 Foundations of Discrete Mathematics	3pts
		<u>12pts</u>		<u>12pts</u>
Year 2	BSC203 Introduction to ICT Research Methods	3pts	MSP200 Building Enterprise Skills	3pts
	ICT283 Data Structures and Abstractions	3pts	ICT206 Intelligent Systems	3pts
	ICT284 Systems Analysis and Design	3pts	ICT285 Databases	3pts
	ICT291 Network Design and Implementation	3pts	ICT372 Advanced Network Design and Implementation	3pts
		<u>12pts</u>		<u>12pts</u>
Year 3	MSP201 Real World Learning	3pts	ICT302 IT Professional Practice Proj.	3pts
	ICT201 IT Project Management	3pts	ICT303 Advanced Machine Learning and Artificial Intelligence	3pts
	ICT373 Software Architectures	3pts	ICT369 Wireless and Interactive Networks	3pts
	ICT377 Network Security	3pts	ICT374 Operating Systems and Systems Programming	3pts
		<u>12pts</u>		<u>12pts</u>

*** If MAS164 is required please contact the Academic Chair for an individual variation of this study plan as MSP100 is mandatory.**

Students who have been granted Advanced Standing or completed previous TAFE or Higher education studies should consult the Academic Chair for clarification of their enrolment requirements.

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Disclaimer: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online [Handbook](#) Correct as of 30/11/2021