

Course Plan (Sample Only)

B1317 BSc Computer Science / Cyber Security and Forensics Double Major

Semester 1 2020 entry

	Semester 1		Semester 2	
Year 1	ICT100 Transition to IT	3pts	MSP100 Career Learning: Managing Your Career	3pts
	ICT159 Foundations of Programming	3pts	ICT169 Foundations of Data Communications	3pts
	MAS162 Foundations of Discrete Mathematics (MAS164 if required, see MAS162 unit pre-requisites)	3pts	ICT170 Foundations of Computer Systems	3pts
	ICT171 Introduction to Server Environments and Architectures	3pts	ICT167 Principles of Computer Science	3pts
		<u>12pts</u>		<u>12pts</u>
Year 2	BSC203 Introduction to ICT Research Methods	3pts	<i>MAS183 or MAS225 or BRD2xx/MSP2</i> ¹ <i>University Breadth Unit</i>	3pts
	ICT283 Data Structures and Abstractions	3pts	ICT285 Databases	3pts
	ICT284 Systems Analysis and Design	3pts	Year 2 Unit (General Elective) (MAS162 if MAS164 completed, otherwise recommend MAS183)	3pts
	ICT287 Computer Security	3pts	Year 2 Unit (General Elective)	3pts
		<u>12pts</u>		<u>12pts</u>
Year 3	BSC301 Applied Research Skills in ICT	3pts	ICT302 IT Professional Practice Project	3pts
	ICT373 Software Architectures	3pts	ICT374 Operating Systems and Systems Programming	3pts
	ICT378 Computer Forensics	3pts	ICT319 Intelligent Systems	3pts
	ICT380 Information Security Policy and Governance	3pts	ICT379 Security Architectures and Systems Administration	3pts
		<u>12pts</u>		<u>12pts</u>

¹Any of the BRD2/MSP2 coded units may be chosen. Will also accept PEN120 General Physics or MAS225 Discreet Mathematics and Management Science.

There may be a recommendation to complete an Advanced AI/Machine Learning unit when available for CS majors in place of an elective. This is in addition to the unit Intelligent Systems as the AI coverage in CS is being increased.

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 at 21/01/2020