Course Plan (Sample Only)

B1317 BSc Computer Science / Internetworking and Network Security 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		ICT169 Foundations of Data Communications	3pts
	MAS162 Foundations of Discrete Mathematics (see unit pre-requisites-MAS164)	3pts 3pts	ICT170 Foundations of Computer Systems	3pts
	ICT171 Introduction to Server Environments and Architectures	3pts	ICT167 Principles of Computer Science	3pts
		12pts		12pts
Year 2	BSC203 Introduction to ICT Research Methods	3pts	MAS225 or BRD2xx/MSP2 [2] University Breadth Unit	3pts
	ICT283 Data Structures and Abstractions	3pts	ICT285 Databases	3pts
	ICT284 Systems Analysis and Design	3pts	ICT319 Intelligent Systems	3pts
	ICT291 Network Design and Implementation	3pts	Year 2 Unit (General Elective) Advice MAS183	3pts
		12pts		12pts
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
	ICT377 Network Security	3pts	ICT369 Wireless and Interactive Networks	3pts
	Year 3 Unit (General Elective)	3pts	ICT372 Advanced Network Design and Implementation	3pts
		12pts		12pts

[1] Any of the BRD2/MSP2 coded units may be chosen.

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