

Course Plan (Sample Only)

B1390 Bachelor of Information Technology - Computer Science (major)

Semester 1 2022 entry

	Semester 1	Semester 2
Year 1	ICT159 Foundations of Programming 3pts MSP100 Managing Your Career 3pts ICT100 Transition to IT 3pts Part I Option OR MAS164 (needed for MAS162 depending on high school study, otherwise MAS183 is also possible) 3pts 12pts	ICT169 Foundations of Data Communications 3pts ICT170 Foundations of Computer Systems 3pts ICT167 Principles of Computer Science 3pts MAS162 Foundations of Discrete Mathematics 3pts 12pts
Year 2	MSP200 Building Enterprise Skills OR MSP201 Real World Learning 3pts BSC203 Introduction to ICT Research Methods 3pts ICT283 Data Structures and Abstractions 3pts Part II Option (SHOULD DO : ICT284) 3pts 12pts	ICT285 Databases 3pts ICT206 Intelligent Systems 3pts Part II Option (SHOULD DO : ICT286) 3pts Part II Option (SHOULD DO : MAS225) 3pts 12pts
Year 3	ICT373 Software Architectures 3pts Part II Option (SHOULD DO : ICT289) 3pts ICT201 Information Technology Project Management 3pts Part II Option (SHOULD DO : ICT375 or ICT380) 3pts 12pts	ICT302 IT Professional Practice Project 3pts ICT374 Operating Systems and Systems Programming 3pts ICT303 Advanced Machine Learning and Artificial Intelligence 3pts MSP200 Building Enterprise Skills OR MSP201 Real World Learning 3pts 12pts

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 3/2/2021