

Course Plan (Sample Only)

B1390 BIT AI and Autonomous Systems and Computer Science Semester 2 2022 entry

	Semester 1		Semester 2	
			ICT100 Transition to IT ICT169 Foundations of Data Communications ICT170 Foundations of Computer Systems General Elective or MAS164 (if required, see MAS162 unit pre-requisites)	3pts 3pts 3pts 3pts 12pts
Year 1	MSP100 Career Learning: Managing Your Career ICT159 Foundations of Programming MAS162 Foundations of Discrete Mathematics (may need MAS164) ICT284 Systems Analysis and Design	3pts 3pts 3pts 3pts 12pts	ICT167 Principles of Computer Science MSP200 Building Enterprise Skills ICT206 Intelligent Systems ICT285 Database	3pts 3pts 3pts 3pts 12pts
Year 2	BSC203 Introduction to ICT Research Methods ICT202 Machine Learning ICT283 Data Structures and Abstractions ICT201 IT Project Management*	3pts 3pts 3pts 3pts 12pts	ICT203 Artificial Intelligence and Intelligent Agents ICT374 Operating Systems and Systems Programming ICT305 Data Visualisation and Simulation ICT303 Advanced Machine Learning and Artificial Intelligence	3pts 3pts 3pts 3pts 12pts
Year 3	ICT304 AI System Design ICT373 Software Architectures General Elective (ICT375 recommended) ICT302 IT Professional Practice Project MSP201 Real World Learning	3pts 3pts 3pts 3pts 12pts		

*ICT201 can also be completed in year 2, you need to choose based on planned secondary major, minors and electives

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.

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 19/01/2022

**Artificial Intelligence and Computer
Science AC**

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