

Master of Artificial Intelligence C6007) – 2027					
Industry experience stream – March intake					
Year 1	First Semester	FIT9132 Introduction to databases	FIT9136 Introduction to Python programming	FIT9137 Introduction to computer architecture and networks	MAT9004 Mathematical foundations for data science and AI
	Second Semester	FIT5047 Fundamentals of artificial intelligence	FIT5125 IT research and innovation methods	FIT5215 Deep learning	FIT5057 Project management
Year 2	First Semester	FIT5201 Machine learning	FIT5226 Multi agent systems and collective behaviour	FIT5217 Natural language processing OR FIT5221 Intelligent image and video analysis OR FIT5216 Modelling discrete optimisation problems	Level 5 Elective*
	Second Semester	FIT5120 * Industry experience project (12 points)		FIT5122 IT professional practice	FIT5222 Planning and automated reasoning
*Work integrated learning industry placement pathway					
Students accepted into the Work integrated learning industry placement pathway program will replace FIT5120 and the level 5 FIT elective with FIT5241 Work integrated learning industry placement (18 points).					

Research stream – March intake					
Year 1	First Semester	FIT9132 Introduction to databases	FIT9136 Introduction to Python programming	FIT9137 Introduction to computer architecture and networks	MAT9004 Mathematical foundations for data science and AI
	Second Semester	FIT5047 Fundamentals of artificial intelligence	FIT5125 IT research and innovation methods	FIT5215 Deep learning	FIT5057 Project management
Year 2	First Semester	FIT5126 Masters thesis part 1	FIT5201 Machine learning	FIT5226 Multi agent systems and collective behaviour	FIT5217 Natural language processing OR FIT5221 Intelligent image and video analysis OR FIT5216 Modelling discrete optimisation problems
	Second Semester	FIT5127 Masters thesis part 2	FIT5128 Masters thesis final	FIT5122 IT professional practice	FIT5222 Planning and automated reasoning
** Research stream requirements					
- To be eligible for the research stream, students must have successfully completed 24 points of level five (non-foundation) FIT units and have: - achieved an overall average of at least 80% across all level 5 units - achieved at least 75% in FIT5125 IT research and innovation methods, and - achieved an overall course average of 70%. - Entry to the research stream is by application only. Check the link below for application deadlines. Students will be notified when applications open for each intake. - Research stream information and application: https://www.monash.edu/it/current-students/enrolment/honours-and-minor-thesis					

FOUNDATION	CORE MASTER'S STUDIES	ADVANCED PRACTICE
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