

Master of Information Technology (C6001) – 2022

Industry experience stream

Year 1 (48 credit points)

First Semester	FIT9131 Programming foundations in Java	FIT9132 Introduction to databases	FIT9136 Algorithms and programming foundations in python	FIT9137 Introduction to computer architecture and networks
Second Semester	FIT5057 Project management	FIT5125 IT research methods	FIT5136 Software engineering [FIT9131 or FIT9136]	Information Technology core unit *

Year 2 (48 credit points)

First Semester	Information Technology core unit *	Information Technology core unit *	Level 5 FIT Elective	Level 5 FIT Elective
Second Semester	FIT5120 Industry experience project (12 points) [Completion of 72 points, Co-requisite: FIT5122]		FIT5122 IT professional practice [Co-requisite: FIT5120]	Level 5 Elective

Research stream **

Year 1 (48 credit points)

First Semester	FIT9131 Programming foundations in Java	FIT9132 Introduction to databases	FIT9136 Algorithms and programming foundations in python	FIT9137 Introduction to computer architecture and networks
Second Semester	FIT5057 Project management	FIT5125 IT research methods	FIT5136 Software engineering [FIT9131 or FIT9136]	Information Technology core unit *

Year 2 (48 credit points)

First Semester	FIT5126 Masters thesis part 1 [FIT5125, Co-requisite: FIT5127]	FIT5127 Masters thesis part 2 [Co-requisite: FIT5126]	Information Technology core unit *	Level 5 FIT Elective
Second Semester	FIT5228 Masters thesis part 3 [FIT5127, Co-requisite: FIT5229]	FIT5229 Masters thesis final [Co-requisite: FIT5228]	Information Technology core unit *	Level 5 Elective

	FOUNDATION		CORE MASTER'S STUDIES		ADVANCED PRACTICE
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* Information Technology core units:

FIT5032 Internet applications development	FIT5152 User interface design and usability
FIT5042 Enterprise application development on the web	FIT5171 System validation and verification, quality and standards
FIT5046 Mobile and distributed computing systems	FIT5195 Business intelligence and data warehousing
FIT5137 Advanced database technology	FIT5202 Data processing for big data
FIT5140 IoT and mobile applications	FIT5225 Cloud computing and security
FIT5147 Data exploration and visualisation	FIT5227 Introduction to 3D modelling and virtual reality

** 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 achieved an overall average of at least 75 per cent across all of these units.
- Applications for the Research stream must be submitted by 31 January (for S1 thesis start) or 30 June (for S2 thesis start). 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>

Notes

Credit points	Unless specified, all units are worth 6 credit points Master of Information Technology: 16 units x 6cp = Total of 96 credit points
Year Level Requirements	1) A maximum of 24 points of level 9 (foundation) units will be counted; 2) At least 72 points must be completed at level 5.
Unit requisites	All pre-requisite and co-requisite requirements must be undertaken in order to be able to enrol into a specific unit
Duration of degree	2 years full-time, 4 years part-time
Time limit	Time limit = 6 years. Students have six years in which to complete this award from the time they commence. Periods of intermission are counted as part of the six years.
Monash University handbook	Students should follow the course requirements for the year the course was commenced https://handbook.monash.edu/browse/By%20Faculty/FacultyofInformationTechnology