MASTER OF INFORMATION TECHNOLOGY (C6001) – 2020

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) [Refer to handbook]		**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 [Refer to handbook]	**Information Technology core unit ***	**Information Technology core unit ***	Level 5 FIT Elective
Second Semester	FIT5127 Masters thesis part 2 [FIT5126, Co-requisite: FIT5128]	FIT5128 Masters thesis final [FIT5126, Co-requisite: FIT5127]	**Level 5 Elective**	Level 5 FIT Elective

	FOUNDATION		CORE MASTER'S STUDIES		ADVANCED PRACTICE

* Information Technology Core Units:

FIT5032 Internet applications development	FIT5152 User interface design and usability
FIT5042 Enterprise application development on the web	FIT5166 Information retrieval systems
FIT5046 Mobile and distributed computing systems	FIT5171 System validation and verification, quality and standards
FIT5137 Advanced database technology	FIT5195 Business intelligence and data warehousing
FIT5138 Advanced software engineering	FIT5202 Data processing for big data
FIT5140 Advanced mobile systems	FIT5225 Cloud computing and security
FIT5147 Data exploration and visualisation	FIT5227 Introduction to 3D modelling and virtual reality

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 first year. Periods of intermission are counted as part of the eight years.
Monash University handbook	Students should follow the course requirements for the year the course was commenced https://handbook.monash.edu/browse/Faculty%20of%20Information%20Technology