MASTER OF INFORMATION TECHNOLOGY (C6001) – 2021

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
FIT5042 Enterprise application development on the web
FIT5046 Mobile and distributed computing systems
FIT5137 Advanced database technology
FIT5138 Advanced software engineering
FIT5140 Advanced mobile systems
FIT5152 User interface design and usability
FIT5166 Information retrieval systems
FIT5171 System validation and verification, quality and standards
FIT5195 Business intelligence and data warehousing
FIT5202 Data processing for big data

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