Master of Information Technology (C6001) – 2024

Industry experience stream – March intake

Year 1 (48 credit points)

First Semester	**FIT9131** (S1, S2) Programming foundations in Java	**FIT9132** (S1, S2) Introduction to databases	**FIT9136** (S1, S2) Algorithms and programming foundations in python	**FIT9137** (S1, S2) Introduction to computer architecture and networks
Second Semester	**FIT5057** (S1, S2) Project management	**FIT5125** (S1, S2) IT research methods	**FIT5136** (S1, S2) Software engineering [FIT9131 or FIT9136]	**FIT5137** (S2) Advanced database technology [FIT9132]

Year 2 (48 credit points)

First Semester	**FIT5046** (S1) Mobile and distributed computing systems [FIT9137 and FIT5136]	**FIT5152** (S2) User interface design and usability **OR** **FIT5171** (S1) System validation and verification [FIT9131 and FIT9132] **OR** **FIT5225** (S1) Cloud computing and security [(FIT9131 or FIT9136) and FIT9137]	**Level 5 Elective**	**Level 5 FIT Elective**
Second Semester	**FIT5120** (S1, S2) Industry experience project (12 points) [Completion of 72 points, Co-requisite: FIT5122]		**FIT5122** (S1, S2) IT professional practice [Co-requisite: FIT5120 or FIT5127]	**FIT5032** (S2) Internet applications development [FIT5136]

Research stream** – March intake

Year 1 (48 credit points)

First Semester	**FIT9131** (S1, S2) Programming foundations in Java	**FIT9132** (S1, S2) Introduction to databases	**FIT9136** (S1, S2) Algorithms and programming foundations in python	**FIT9137** (S1, S2) Introduction to computer architecture and networks
Second Semester	**FIT5057** (S1, S2) Project management	**FIT5125** (S1, S2) IT research methods	**FIT5136** (S1, S2) Software engineering [FIT9131 or FIT9136]	**FIT5137** (S2) Advanced database technology [FIT9132]

Year 2 (48 credit points)

First Semester	**FIT5126** (S1, S2) Masters thesis part 1 [FIT5125, Co-requisite: FIT5127]	**FIT5046** (S1) Mobile and distributed computing systems [FIT9137 and FIT5136]	**FIT5152** (S2) User interface design and usability **OR** **FIT5171** (S1) System validation and verification [FIT9131 and FIT9132] **OR** **FIT5225** (S1) Cloud computing and security [(FIT9131 or FIT9136) and FIT9137]	**Level 5 Elective**
Second Semester	**FIT5127** (S1, S2) Masters thesis part 2 [FIT5126]	**FIT5128** (S1, S2) Masters thesis final [Co-requisite: FIT5127]	**FIT5122** (S1, S2) IT professional practice [Co-requisite: FIT5120 or FIT5127]	**FIT5032** (S2) Internet applications development [FIT5136]

	FOUNDATION		CORE MASTER'S STUDIES		ADVANCED PRACTICE

** Research stream requirements

- To be eligible for the research stream, students must have an overall course WAM of 65%, have successfully completed 24 points of level five (non-foundation) FIT units and achieved an overall average of at least 75% across all these units and must have achieved at least a 70% in FIT5125.
- 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

Industry experience stream – July intake

Year 1 (24 credit points)

Second Semester	**FIT9131** (S1, S2) Programming foundations in Java	**FIT9132** (S1, S2) Introduction to databases	**FIT9136** (S1, S2) Algorithms and programming foundations in python	**FIT9137** (S1, S2) Introduction to computer architecture and networks

Year 2 (48 credit points)

First Semester	**FIT5057** (S1, S2) Project management	**FIT5125** (S1, S2) IT research methods	**FIT5136** (S1, S2) Software engineering [FIT9131 or FIT9136]	**Level 5 Elective**
Second Semester	**FIT5032** (S2) Internet applications development [FIT5136]	**FIT5137** (S2) Advanced database technology [FIT9132]	**FIT5152** (S2) User interface design and usability **OR** **FIT5171** (S1) System validation and verification [FIT9131 and FIT9132] **OR** **FIT5225** (S1) Cloud computing and security [(FIT9131 or FIT9136) and FIT9137]	**Level 5 FIT Elective**

Year 3 (24 credit points)

First Semester	**FIT5120** (S1, S2) Industry experience project (12 points) [Completion of 72 points, Co-requisite: FIT5122]	**FIT5122** (S1, S2) IT professional practice [Co-requisite: FIT5120 or FIT5127]	**FIT5046** (S1) Mobile and distributed computing systems [FIT9137 and FIT5136]

Research stream** – July intake

Year 1 (24 credit points)

Second Semester	**FIT9131** (S1, S2) Programming foundations in Java	**FIT9132** (S1, S2) Introduction to databases	**FIT9136** (S1, S2) Algorithms and programming foundations in python	**FIT9137** (S1, S2) Introduction to computer architecture and networks

Year 2 (48 credit points)

First Semester	**FIT5057** (S1, S2) Project management	**FIT5125** (S1, S2) IT research methods	**FIT5136** (S1, S2) Software engineering [FIT9131 or FIT9136]	**Level 5 Elective**
Second Semester	**FIT5126** (S1, S2) Masters thesis part 1 [FIT5125, Co-requisite: FIT5127]	**FIT5032** (S2) Internet applications development [FIT5136]	**FIT5137** (S2) Advanced database technology [FIT9132]	**FIT5152** (S2) User interface design and usability **OR** **FIT5171** (S1) System validation and verification [FIT9131 and FIT9132] **OR** **FIT5225** (S1) Cloud computing and security [(FIT9131 or FIT9136) and FIT9137]

Year 3 (24 credit points)

First Semester	**FIT5127** (S1, S2) Masters thesis part 2 [FIT5126]	**FIT5128** (S1, S2) Masters thesis final [Co-requisite: FIT5127]	**FIT5122** (S1, S2) IT professional practice [Co-requisite: FIT5120 or FIT5127]	**FIT5046** (S1) Mobile and distributed computing systems [FIT9137 and FIT5136]

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