Master of Information Technology (C6001) – 2025

Industry experience stream – March intake

Year 1 (48 credit points)

First Semester	**FIT9131** Programming foundations in Java **Replace with: FIT9138** Information systems analysis, design and systems thinking	**FIT9132** Introduction to databases	**FIT9136** Introduction to Python programming	**FIT9137** Introduction to computer architecture and networks
Second Semester	**FIT5057** Project management	**FIT5125** IT research and innovation methods	**FIT5136** Software engineering	**FIT5137** Advanced database technology

Year 2 (48 credit points)

First Semester	**FIT5046** Mobile and distributed computing systems	**FIT5152** User interface design and usability **OR** **FIT5171** System validation and verification **OR** **FIT5225** Cloud computing and security	**Level 5 Elective**	**Level 5 FIT Elective**
Second Semester	**FIT5120** Industry experience project (12 points)		**FIT5122** IT professional practice	**FIT5032** Internet applications development

Research stream** – March intake

Year 1 (48 credit points)

First Semester	**FIT9131** Programming foundations in Java **Replace with: FIT9138** Information systems analysis, design and systems thinking	**FIT9132** Introduction to databases	**FIT9136** Introduction to Python programming	**FIT9137** Introduction to computer architecture and networks
Second Semester	**FIT5057** Project management	**FIT5125** IT research and innovation methods	**FIT5136** Software engineering	**FIT5137** Advanced database technology

Year 2 (48 credit points)

First Semester	**FIT5126** Masters thesis part 1	**FIT5046** Mobile and distributed computing systems	**FIT5152** User interface design and usability **OR** **FIT5171** System validation and verification **OR** **FIT5225** Cloud computing and security	**Level 5 Elective**
Second Semester	**FIT5127** Masters thesis part 2	**FIT5128** Masters thesis final	**FIT5122** IT professional practice	**FIT5032** Internet applications development

	FOUNDATION		CORE MASTER'S STUDIES		ADVANCED PRACTICE

** 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%.
- 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** Programming foundations in Java **Replace with: FIT9138** Information systems analysis, design and systems thinking	**FIT9132** Introduction to databases	**FIT9136** Introduction to Python programming	**FIT9137** Introduction to computer architecture and networks

Year 2 (48 credit points)

First Semester	**FIT5057** Project management	**FIT5125** IT research and innovation methods	**FIT5136** Software engineering	**Level 5 Elective**
Second Semester	**FIT5032** Internet applications development	**FIT5137** Advanced database technology	**FIT5152** User interface design and usability **OR** **FIT5171** System validation and verification **OR** **FIT5225** Cloud computing and security	**Level 5 FIT Elective**

Year 3 (24 credit points)

First Semester	**FIT5120** Industry experience project (12 points)	**FIT5122** IT professional practice	**FIT5046** Mobile and distributed computing systems

Research stream** – July intake

Year 1 (24 credit points)

Second Semester	**FIT9131** Programming foundations in Java **Replace with: FIT9138** Information systems analysis, design and systems thinking	**FIT9132** Introduction to databases	**FIT9136** Introduction to Python programming	**FIT9137** Introduction to computer architecture and networks

Year 2 (48 credit points)

First Semester	**FIT5057** Project management	**FIT5125** IT research and innovation methods	**FIT5136** Software engineering	**Level 5 Elective**
Second Semester	**FIT5126** Masters thesis part 1	**FIT5032** Internet applications development	**FIT5137** Advanced database technology	**FIT5152** User interface design and usability **OR** **FIT5171** System validation and verification **OR** **FIT5225** Cloud computing and security

Year 3 (24 credit points)

First Semester	**FIT5127** Masters thesis part 2	**FIT5128** Masters thesis final	**FIT5122** IT professional practice	**FIT5046** Mobile and distributed computing systems

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