Master of Information Technology (C6001) – 2024

Industry experience stream – March intake

Year 1	(48	credit	points	١
--------	-----	--------	--------	---

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

Year 2 (48 cred	dit points)			
First	FIT5046 (S1) Mobile and distributed	FIT5152 (S2)	Level 5 Elective	Level 5 FIT Elective
Semester	computing systems [FIT9137 and FIT5136]	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]		
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	FIT9131 (S1, S2)	FIT9132 (S1, S2)	FIT9136 (S1, S2)	FIT9137 (S1, S2)
Semester	Programming foundations in Java	Introduction to databases	Algorithms and programming foundations in python	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)	Level 5 Elective
			Cloud computing and security [(FIT9131 or FIT9136) and FIT9137]	
Second	FIT5127 (S1, S2)	FIT5128 (S1, S2)	FIT5122 (S1, S2)	FIT5032 (S2)
Semester	Masters thesis part 2	Masters thesis final	IT professional practice	Internet applications
	[FIT5126]	[Co-requisite: FIT5127]	[Co-requisite: FIT5120 or FIT5127]	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

Year 1 (24 cı	redit 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 c			Touridations in python	architecture and networks
First	FIT5057 (\$1, \$2)	FIT5125 (S1, S2)	FIT5136 (S1, S2)	Level 5 Elective
Semester	Project management	IT research methods	Software engineering [FIT9131 or FIT9136]	
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 c	redit points)			
First	FITE 4.20 /C4 .C2)		FIT5122 (S1, S2)	FIT5046 (S1)
Semester	FIT5120 (S1, S2) Industry experience project (12 p [Completion of 72 points, Co-requise		IT professional practice [Co-requisite: FIT5120 or FIT5127]	Mobile and distributed computing systems [FIT9137 and FIT5136]
Semester Research s	Industry experience project (12 p [Completion of 72 points, Co-requise stream** – July intake		IT professional practice	Mobile and distributed computing systems
Semester Research s Year 1 (24 cr	Industry experience project (12 p [Completion of 72 points, Co-requise stream** – July intake redit points)	site: FIT5122]	IT professional practice [Co-requisite: FIT5120 or FIT5127]	Mobile and distributed computing systems [FIT9137 and FIT5136]
Semester Research s	Industry experience project (12 p [Completion of 72 points, Co-requise stream** – July intake		IT professional practice	Mobile and distributed computing systems
Research s Year 1 (24 cr Second Semester	Industry experience project (12 p [Completion of 72 points, Co-requises stream** – July intake redit points) FIT9131 (S1, S2) Programming foundations in Java	FIT9132 (S1, S2)	IT professional practice [Co-requisite: FIT5120 or FIT5127] FIT9136 (S1, S2) Algorithms and programming	Mobile and distributed computing systems [FIT9137 and FIT5136] FIT9137 (S1, S2) Introduction to computer
Research s Year 1 (24 cr	Industry experience project (12 p [Completion of 72 points, Co-requises stream** – July intake redit points) FIT9131 (S1, S2) Programming foundations in Java	FIT9132 (S1, S2)	IT professional practice [Co-requisite: FIT5120 or FIT5127] FIT9136 (S1, S2) Algorithms and programming foundations in python FIT5136 (S1, S2) Software engineering	Mobile and distributed computing systems [FIT9137 and FIT5136] FIT9137 (S1, S2) Introduction to computer
Research s Year 1 (24 cr Second Semester Year 2 (48 cre First Semester Second Semester	Industry experience project (12 p [Completion of 72 points, Co-requises Stream** — July intake redit points) FIT9131 (S1, S2) Programming foundations in Java edit points) FIT5057 (S1, S2) Project management FIT5126 (S1, S2) Masters thesis part 1 [FIT5125, Co-requisite: FIT5127]	FIT9132 (S1, S2) Introduction to databases FIT5125 (S1, S2)	IT professional practice [Co-requisite: FIT5120 or FIT5127] FIT9136 (S1, S2) Algorithms and programming foundations in python FIT5136 (S1, S2)	Mobile and distributed computing systems [FIT9137 and FIT5136] FIT9137 (S1, S2) Introduction to computer architecture and networks
Research s Year 1 (24 cr Second Semester Year 2 (48 cr First Semester	Industry experience project (12 p [Completion of 72 points, Co-requises Stream** — July intake redit points) FIT9131 (S1, S2) Programming foundations in Java edit points) FIT5057 (S1, S2) Project management FIT5126 (S1, S2) Masters thesis part 1 [FIT5125, Co-requisite: FIT5127]	FIT9132 (S1, S2) Introduction to databases FIT5125 (S1, S2) IT research methods FIT5032 (S2) Internet applications development	IT professional practice [Co-requisite: FIT5120 or FIT5127] FIT9136 (S1, S2) Algorithms and programming foundations in python FIT5136 (S1, S2) Software engineering [FIT9131 or FIT9136] FIT5137 (S2) Advanced database technology	Mobile and distributed computing systems [FIT9137 and FIT5136] FIT9137 (S1, S2) Introduction to computer architecture and networks Level 5 Elective FIT5152 (S2) User interface design and usability OR FIT5171 (S1) System validation and verification [FIT9131 and FIT9132] OR FIT5225 (S1) Cloud computing and security

Notes

NOLES	
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