

Master of Cybersecurity (C6002) – 2024

Industry experience stream – March intake

Year 1 (48 credit points)

First Semester	FIT9130 (S1, S2) Systems analysis and design OR FIT9138 (S1, S2) Information systems analysis, design and systems thinking	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	FIT5003 (S2) Software security [FIT9131 or FIT9136]	FIT5057 (S1, S2) Project management	FIT5125 (S1, S2) IT research methods	FIT5163 (S1, S2) Information and computer security [FIT9137]

Year 2 (48 credit points)

First Semester	FIT5129 (S1) Cyber operations	FIT5124 (S1) Emerging topics for cybersecurity in practice [FIT5163] OR FIT5223 (S2) IT forensics [FIT5003 or FIT5163] OR FIT5214 (Not offered) Blockchain [FIT5003 or FIT5163] 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]	FIT5037 (S2) Network security [FIT5163]

Research stream** - March intake

Year 1 (48 credit points)

First Semester	FIT9130 (S1, S2) Systems analysis and design OR FIT9138 (S1, S2) Information systems analysis, design and systems thinking	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	FIT5003 (S2) Software security [FIT9131 or FIT9136]	FIT5057 (S1, S2) Project management	FIT5125 (S1, S2) IT research methods	FIT5163 (S1, S2) Information and computer security [FIT9137]

Year 2 (48 credit points)

First Semester	FIT5126 (S1, S2) Masters thesis part 1 [FIT5125]	FIT5129 (S1) Cyber operations	FIT5124 (S1) Emerging topics for cybersecurity in practice [FIT5163] OR FIT5223 (S2) IT forensics [FIT5003 or FIT5163] OR FIT5214 (Not offered) Blockchain [FIT5003 or FIT5163] 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]	FIT5037 (S2) Network security [FIT5163]

FOUNDATION	CORE MASTER'S STUDIES	ADVANCED PRACTICE
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** 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 IT research methods.
- 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	FIT9130 (S1, S2) Systems analysis and design OR FIT9138 (S1, S2) Information systems analysis, design and systems thinking	FIT9132 (S1, S2) Introduction to databases	FIT9136 (S1, S2) Algorithms and programming foundations in python	FIT9137 (S1, S2) Introduction to computer architecture and networks
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Year 2 (48 credit points)

First Semester	FIT5057 (S1, S2) Project management	FIT5129 (S1) Cyber operations	FIT5125 (S1, S2) IT research methods	FIT5163 (S1, S2) Information and computer security [FIT9137]
Second Semester	FIT5003 (S2) Software security [FIT9131 or FIT9136]	FIT5037 (S2) Network security [FIT5163]	FIT5124 (S1) Emerging topics for cybersecurity in practice [FIT5163] OR FIT5223 (S2) IT forensics [FIT5003 or FIT5163] OR FIT5214 (Not offered) Blockchain [FIT5003 or FIT5163] OR FIT5225 (S1) Cloud computing and security [FIT9131 or FIT9136 and FIT9137]	Level 5 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]	Level 5 FIT Elective
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Research stream** - July intake

Year 1 (24 credit points)

Second Semester	FIT9130 (S1, S2) Systems analysis and design OR FIT9138 (S1, S2) Information systems analysis, design and systems thinking	FIT9132 (S1, S2) Introduction to databases	FIT9136 (S1, S2) Algorithms and programming foundations in python	FIT9137 (S1, S2) Introduction to computer architecture and networks
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Year 2 (48 credit points)

First Semester	FIT5057 (S1, S2) Project management	FIT5125 (S1, S2) IT research methods	FIT5129 (S1) Cyber operations	FIT5163 (S1, S2) Information and computer security [FIT9137]
Second Semester	FIT5126 (S1, S2) Masters thesis part 1 [FIT5125]	FIT5003 (S2) Software security [FIT9131 or FIT9136]	FIT5124 (S1) Emerging topics for cybersecurity in practice [FIT5163] OR FIT5223 (S2) IT forensics [FIT5003 or FIT5163] OR FIT5214 (Not offered) Blockchain [FIT5003 or FIT5163] OR FIT5225 (S1) Cloud computing and security [FIT9131 or FIT9136 and FIT9137]	FIT5037 (S2) Network security [FIT5163]

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]	Level 5 Elective
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Notes

Credit points	Unless specified, all units are worth 6 credit points Master of Cybersecurity: 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