

Master of Cybersecurity (C6002) – 2025

Industry experience stream – March intake

Year 1 (48 credit points)

First Semester	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	FIT5003 Software security	FIT5057 Project management	FIT5125 IT research and innovation methods	FIT5163 Introduction to cryptography for cybersecurity

Year 2 (48 credit points)

First Semester	FIT5129 Cyber operations	FIT5124 Emerging topics for cybersecurity in practice OR FIT5223 IT forensics 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	FIT5037 Network security

Research stream** - March intake

Year 1 (48 credit points)

First Semester	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	FIT5003 Software security	FIT5057 Project management	FIT5125 IT research and innovation methods	FIT5163 Introduction to cryptography for cybersecurity

Year 2 (48 credit points)

First Semester	FIT5126 Masters thesis part 1	FIT5129 Cyber operations	FIT5124 Emerging topics for cybersecurity in practice OR FIT5223 IT forensics OR FIT5225 Cloud computing and security	Level 5 Elective
Second Semester	FIT5127 Masters thesis part 2	FIT5128 Masters thesis final	FIT5122 IT professional practice	FIT5037 Network security

	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	FIT9138 Information systems analysis, design and systems thinking	FIT9132 Introduction to databases	FIT9136 Introduction to Python programming	FIT9137 Introduction to computer architecture and networks
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Year 2 (48 credit points)

First Semester	FIT5057 Project management	FIT5129 Cyber operations	FIT5125 IT research methods	FIT5163 Introduction to cryptography for cybersecurity
Second Semester	FIT5003 Software security	FIT5037 Network security	FIT5124 Emerging topics for cybersecurity in practice OR FIT5223 IT forensics OR FIT5225 Cloud computing and security	Level 5 Elective

Year 3 (24 credit points)

First Semester	FIT5120 Industry experience project (12 points)	FIT5122 IT professional practice	Level 5 FIT Elective
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Research stream** - July intake

Year 1 (24 credit points)

Second Semester	FIT9138 Information systems analysis, design and systems thinking	FIT9132 Introduction to databases	FIT9136 Introduction to Python programming	FIT9137 Introduction to computer architecture and networks
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Year 2 (48 credit points)

First Semester	FIT5057 Project management	FIT5125 IT research and innovation methods	FIT5129 Cyber operations	FIT5163 Introduction to cryptography for cybersecurity
Second Semester	FIT5126 Masters thesis part 1	FIT5003 Software security	FIT5124 Emerging topics for cybersecurity in practice OR FIT5223 IT forensics OR FIT5225 Cloud computing and security	FIT5037 Network security

Year 3 (24 credit points)

First Semester	FIT5127 Masters thesis part 2	FIT5128 Masters thesis final	FIT5122 IT professional practice	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