

MASTER OF CYBERSECURITY (C6002) – 2021

INDUSTRY EXPERIENCE STREAM

Year 1 (48 credit points)

First Semester	FIT9131 Programming foundations in Java OR FIT9130 Systems analysis and design	FIT9132 Introduction to databases	FIT9136 Algorithms and programming foundations in python	FIT9137 Introduction to computer architecture and networks
Second Semester	FIT5057 Project management	FIT5125 IT research methods	FIT5163 Information and computer security [FIT9137]	Cybersecurity core unit *

Year 2 (48 credit points)

First Semester	FIT5003 Software security [FIT9131 or FIT9136]	Cybersecurity core unit *	Cybersecurity core unit *	Cybersecurity core unit *
Second Semester	FIT5120 Industry experience project (12 points) [Refer to handbook]	FIT5122 IT professional practice [Co-requisite: FIT5120]	FIT5136 Software engineering	

RESEARCH STREAM

Year 1 (48 credit points)

First Semester	FIT9131 Programming foundations in Java OR FIT9130 Systems analysis and design	FIT9132 Introduction to databases	FIT9136 Algorithms and programming foundations in python	FIT9137 Introduction to computer architecture and networks
Second Semester	FIT5057 Project management	FIT5125 IT research methods	FIT5163 Information and computer security [FIT9137]	Cybersecurity core unit *

Year 2 (48 credit points)

First Semester	FIT5126 Masters thesis part 1 [Refer to handbook]	FIT5003 Software security [FIT9131 or FIT9136]	Cybersecurity core unit *	Cybersecurity core unit *
Second Semester	FIT5127 Masters thesis part 2 [FIT5126, co-requisite: FIT5128]	FIT5128 Masters thesis final [FIT5126, Co-requisite: FIT5127]	Level 5 FIT Elective	Cybersecurity core unit *

	FOUNDATION		CORE MASTER'S STUDIES		ADVANCED PRACTICE
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* Cybersecurity core units:

FIT5037 Network security	FIT5214 Blockchain
FIT5124 Advanced topics in security	FIT5223 IT forensics
FIT5129 Enterprise IT security - planning, operations and management	FIT5224 Smart contract
	FIT5225 Cloud computing and security

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