Master of Cybersecurity (C6002) – 2023

Industry experience stream

Year 1 (48 credit points)

First Semester	**FIT9130** (S1, S2) - 2023/1 Systems analysis and design	**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]	**FIT5037** (S2) Network security [(FIT9131 or FIT9136) and co-req: FIT5163]	**FIT5125** (S1, S2) IT research methods	**FIT5163** (S1, S2) Information and computer security [FIT9137]

Year 2 (48 credit points)

First Semester	**FIT5129** (S1) Enterprise IT security - planning, operations and management	**FIT5057** (S1, S2) Project management	**FIT5124** (S1) Emerging topics for cybersecurity in practice [FIT5163] **OR** **FIT5223** (S2) IT forensics [co-req: FIT5163] **OR** **FIT5214** (S2) Blockchain [FIT5163] OR **FIT5225 (S1)** Cloud computing and security [FIT9131 or FIT9136 and FIT9137]	**Level 5 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]	**Level 5 FIT Elective**

Research stream**

Year 1 (48 credit points)

First Semester	**FIT9130** (S1, S2) Systems analysis and design	**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]	**FIT5037** (S2) Network security [(FIT9131 or FIT9136) and co-req: FIT5163]	**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, Co-requisite: FIT5127]	**FIT5057** (S1, S2) Project management	**FIT5129** (S1) Enterprise IT security - planning, operations and management	**FIT5124** (S1) Emerging topics for cybersecurity in practice [FIT5163] **OR** **FIT5223** (S2) IT forensics [co-req: FIT5163] **OR** **FIT5214** (S2) Blockchain [FIT5163] OR **FIT5225** Cloud computing and security [FIT9131 or FIT9136 and FIT9137]
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]	**Level 5 Elective**

	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 achieved an overall average of at least 75 per cent across all these units.
- 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

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