

## C6010 Master of Cybersecurity (Indonesia) – 2025 – Suggested course map

### Industry Experience option

Sequence of units is subject to change depending on offerings.

Year 1 Term 1 (Oct to Nov)	ITI9136 Introduction to Python programming	ITI9132 Introduction to databases
Year 2 Term 2 (Jan to Feb)	ITI9130 Systems analysis and design	ITI9137 Introduction to computer architecture and networks
Year 2 Term 3 (May to June)	ITI5163 Introduction to cryptography for cybersecurity (ITI9137)	ITI5125 IT research methods
Year 2 Term 4 (July to Sept)	ITI5003 Software security [ITI5163]	FIT Level 5 Unit ITI5145 Introduction to Data Science
Year 2 Term 1 (Oct to Nov)	ITI5057 Project management	ITI5037 Network security ((ITI9131 or ITI9136) and ITI5163)
Year 3 Term 2 (Jan to Feb)	ITI5122 Professional practice	ITI5129 Cyber operations
Year 3 Term 3 (May to June)	ITI5120 Social Impact Project (12 points)	
Year 3 Term 4 (July to Sept)	ITI5214 Blockchain (ITI5163)	MI Level 5 Elective

A	Foundation skills and knowledge
B	Core masters study
C	Advanced practice

(Prerequisite) [Corequisite]

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### Masters thesis research option<sup>^</sup>

Sequence of units is subject to change depending on offerings.

Year 1 Term 1 (Oct to Nov)	ITI9136 Introduction to Python programming	ITI9132 Introduction to databases
Year 2 Term 2 (Jan to Feb)	ITI9130 Systems analysis and design	ITI9137 Introduction to computer architecture and networks
Year 2 Term 3 (May to June)	ITI5163 Introduction to cryptography for cybersecurity (ITI9137)	ITI5125 IT research methods
Year 2 Term 4 (July to Sept)	ITI5003 Software security [ITI5163]	FIT Level 5 Unit ITI5145 Introduction to Data Science
Year 2 Term 1 (Oct to Nov)	ITI5057 Project management	ITI5037 Network security ((ITI9131 or ITI9136) and ITI5163)
Year 3 Term 2 (Jan to Feb)	ITI5122 Professional practice	ITI5129 Cyber operations
Year 3 Term 3 (May to June)	ITI5126 Master thesis part 1	ITI5127 Master thesis part 2
Year 3 Term 4 (July to Sept)	ITI5128 Master thesis final	ITI5214 Blockchain (ITI5163)

<sup>^</sup>Enrolment in the research units is dependent on available supervisors and projects. Eligible students will be ranked based on their entire academic record and assessed for suitability to undertake the research component of this program. 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) ITI units and achieved an overall average of at least 75% across all these units and must have achieved at least a 70% in ITI5125 IT research methods.

(Prerequisite) [Corequisite]