

Master of Artificial Intelligence (C6007)– 2026 (with Foundation units)

Industry experience stream July Intake [2 years]

Year 1 (48 credit points)

July Semester (S2)	FIT9136 (S1, S2) Introduction to Python programming	FIT9137 (S2) Introduction to computer architecture and networks	MAT9004 (S1, S2) Mathematical foundations for data science and AI	FIT5125 (S1, S2) IT research and innovation methods
February Semester (S1)	FIT9132 (S1) Introduction to databases	FIT5047 Fundamentals of artificial intelligence [FIT9136 and MAT9004]	FIT5057 (S1, S2) Project management	FIT5226 (S1) Multi agent systems and collective behaviour [FIT9136 and MAT9004]

Year 2 (48 credit points)

July Semester (S2)	FIT5215 (S2) Deep learning [FIT9136 and MAT9004]	FIT5201 (S1,S2) Machine learning [MAT9004 and (FIT5145 or FIT5047)]	FIT5222 (S2) Planning and automated reasoning [FIT9136 and MAT9004]	Level 5 elective
February Semester (S1)	FIT5120 (S1, S2) Industry experience studio project (12 points) [Completion of 72 points, Co-requisite: FIT5122]		FIT5122 (S1, S2) Professional practice [Co-requisite: FIT5120]	Artificial Intelligence elective unit*

**Research stream July intake [2 years]

Year 1 (48 credit points)

July Semester (S2)	FIT9136 (S1, S2) Introduction to Python programming	FIT9137 (S2) Introduction to computer architecture and networks	MAT9004 (S1, S2) Mathematical foundations for data science and AI	FIT5057 (S1, S2) Project management
February Semester (S1)	FIT9132 (S1) Introduction to databases	FIT5047 (S1,S2) Fundamentals of artificial intelligence [FIT9136 and MAT9004]	FIT5125 (S1, S2) IT research and innovation methods	FIT5226 (S1) Multi agent systems and collective behaviour [FIT9136 and MAT9004]

Year 2 (48 credit points)

July Semester (S2)	FIT5126 (S1, S2) Masters thesis part 1 [FIT5125]	FIT5215 (S2) Deep learning [FIT9136 and MAT9004]	FIT5201 (S1,S2) Machine learning [MAT9004 and (FIT5145 or FIT5047)]	FIT5222 (S2) Planning and automated reasoning [FIT9136 and MAT9004]
February Semester (S1)	FIT5127 (S1, S2) Masters thesis part 2 [FIT5126]	FIT5128 (S1, S2) Masters thesis final [FIT5126]	FIT5122 (S1, S2) Professional practice	Artificial Intelligence elective unit*

	FOUNDATION		CORE MASTER'S STUDIES		ADVANCED PRACTICE
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** 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 have:
 - achieved an overall average of at least 80% across all level 5 units
 - achieved at least 75% in FIT5125 IT research and innovation methods, and
 - achieved an overall course average of 70%.
- Entry to the research stream is by application only. 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#tabs_3708338-02

Important:

- Co-requisites and Pre-requisites units are subject to change. Please refer to the relevant [Monash unit handbook](#).**

List of elective units offered at the School of Information Technology, Monash University Malaysia

The following electives are offered at both the Australia and Malaysia campuses. If you intend to apply for the [global intercampus program](#), please refer to the [course handbook](#) for electives which are offered specifically at the Australia campus. In addition to the Artificial Intelligence unit, you can utilize the Level 5 FIT elective slots in the course map to enrol for Artificial Intelligence elective unit.

Apart from the listed electives below, you may opt to enrol for Level 5 electives offered by other courses at Monash University, provided that you fulfill the unit prerequisites.

Level 5 FIT elective

FIT5145	Foundations of data science
FIT5147	Data exploration and visualisation
FIT5196	Data wrangling
FIT5197	Statistical data modelling
FIT5202	Data processing for big data
FIT5206	Digital continuity

Artificial Intelligence elective unit*

FIT5217	Natural language processing
FIT5230	Malicious AI

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Notes

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

While the information provided here was correct at the time of viewing and/or printing, you should carefully read all official correspondence and other sources of information for students to stay informed about any changes.

The placement and offering of units may be rearranged or revised based on school resources or faculty planning.

If you opt for an overseas exchange program, you may need to either overload a semester, undertake a summer unit or extend an additional semester in order to complete your course. Please consult the course coordinator.