

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

## Industry experience stream – February Intake [2 years]

### Year 1 (48 creditpoints)

February Semester (S1)	<b>FIT9132 (S1)</b> Introduction to databases	<b>FIT9136 (S1, S2)</b> Introduction to Python programming	<b>MAT9004 (S1, S2)</b> Mathematical foundations for data science and AI	<b>FIT5125 (S1, S2)</b> IT research and innovation methods
July Semester (S2)	<b>FIT9137 (S2)</b> Introduction to computer architecture and networks	<b>FIT5047 (S1,S2)</b> Fundamentals of artificial intelligence [FIT9136 and MAT9004]	<b>Level 5 elective</b>	<b>FIT5215 (S2)</b> Deep learning [FIT9136 and MAT9004]

### Year 2 (48 creditpoints)

February Semester (S1)	<b>FIT5201 (S1,S2)</b> Machine learning [MAT9004 and (FIT5145 or FIT5047)]	<b>FIT5057 (S1, S2)</b> Project management	<b>FIT5226 (S1)</b> Multi agent systems and collective behaviour [FIT9136 and MAT9004]	<b>Artificial Intelligence elective unit*</b>
July Semester (S2)	<b>FIT5120 (S1, S2)</b> Industry experience studio project (12 points) [Completion of 72 points, Co-requisite: FIT5122]	<b>FIT5122 (S1, S2)</b> Professional practice [Co-requisite: FIT5120]	<b>FIT5222 (S2)</b> Planning and automated reasoning [FIT9136 and MAT9004]	

## \*\*Research stream – February intake [2 years]

### Year 1 (48 creditpoints)

February Semester (S1)	<b>FIT9132 (S1)</b> Introduction to databases	<b>FIT9136 (S1, S2)</b> Introduction to Python programming	<b>MAT9004 (S1, S2)</b> Mathematical foundations for data science and AI	<b>FIT5125 (S1, S2)</b> IT research and innovation methods
July Semester (S2)	<b>FIT9137 (S2)</b> Introduction to computer architecture and networks	<b>FIT5047 (S1,S2)</b> Fundamentals of artificial intelligence [FIT9136 and MAT9004]	<b>FIT5215 (S2)</b> Deep learning [FIT9136 and MAT9004]	<b>Artificial Intelligence elective unit*</b>

### Year 2 (48 creditpoints)

February Semester (S1)	<b>FIT5126 (S1, S2)</b> Masters thesis part 1 [FIT5125]	<b>FIT5201 (S1,S2)</b> Machine learning [MAT9004 and (FIT5145 or FIT5047)]	<b>FIT5057 (S1, S2)</b> Project management	<b>FIT5226 (S1)</b> Multi agent systems and collective behaviour [FIT9136 and MAT9004]
July Semester (S2)	<b>FIT5127 (S1, S2)</b> Masters thesis part 2 [FIT5126]	<b>FIT5128 (S1, S2)</b> Masters thesis final [FIT5126]	<b>FIT5122 (S1, S2)</b> Professional practice	<b>FIT5222 (S2)</b> Planning and automated reasoning [FIT9136 and MAT9004]

	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](#).**

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

## Master of Artificial Intelligence (C6007) – 2026 (with Foundation units) Industry experience stream – February Intake [2 years]

### Notes

<b>Credit points</b>	Unless specified, all units are worth 6 credit points Master of Artificial Intelligence: 16 units x 6cp = Total of 96 credit points
<b>Year Level Requirements</b>	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.
<b>Unit requisites</b>	All pre-requisite and co-requisite requirements must be undertaken in order to be able to enrol into a specific unit
<b>Duration of degree</b>	2 years full-time, 4 years part-time
<b>Time limit</b>	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.
<b>Monash University handbook</b>	Students should follow the course requirements for the year the course was commenced <a href="https://handbook.monash.edu/browse/By%20Faculty/FacultyofInformationTechnology">https://handbook.monash.edu/browse/By%20Faculty/FacultyofInformationTechnology</a>

***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.***