Bachelor of Artificial Intelligence Advanced (Honours) (C3002) – 2027 March intake					
Year 1	**First Semester**	FIT1045 Software development 1: programming foundations	FIT1047 Computing systems 1: foundations and operations	FIT1059 Artificial intelligence: concepts and tools for impact	MAT1003 Mathematics for algorithms and models
	Second Semester	FIT1066 Responsible use of data in the age of AI	FIT1061 AI algorithm foundations	FIT2115 Data structures and algorithms 1	**Elective**
Year 2	**First Semester**	FIT2119 Computing in practice: professional practice	FIT2111 Symbolic artificial intelligence and machine learning	FIT2132 Reasoning with data	**Elective**
	Second Semester	FIT2130* Computing in practice: project practices and management	FIT2112 Deep learning	FIT3226 Agentic and distributed AI: multi-agent systems, swarms and artificial life	**Elective**
Year 3	**First Semester**	FIT3208* Artificial intelligence in practice: project 1	FIT3191 Generative artificial intelligence	**Elective**	**Elective**
	Second Semester	FIT3209* Artificial intelligence in practice: project 2	FIT3203 Embodied artificial intelligence	FIT3233 Optimisation & reinforcement learning	**Elective**
Year 4	**First Semester**	FIT4048 Computing in practice: advanced project 1 One of (FIT3209 or FIT3045)	FIT5125 IT research and innovation methods	FIT4045 Computing research project 1	**Elective**
	Second Semester	FIT4049 Computing in practice: advanced project 2	Level 4 or 5 FIT elective	FIT4046 Computing research project 2	**Elective**

*** Industry Based Learning (IBL)**

- Students accepted into the IBL program will replace FIT2130, FIT3208 and FIT3209 with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 1 of third year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit to complete the course in 3 years

Source: Monash University 2027 Handbook - CRICOS Provider Number: 00008C
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. Consult with the relevant faculty officers if in doubt when planning your course. Some units described may change or may not be offered due to insufficient enrolments or changes to teaching personnel.