Bachelor of Artificial Intelligence Double degrees – 2027 (March intake)
Arts (C2009), Biomedical Science (C2006), Commerce (C2015), Health Sciences (C2008), Media Communication (C2011), Science (C2010)
Specialisation: Applied artificial intelligence

Year 1	**First Semester**	FIT1045 Software development 1: programming foundations	FIT1059 Artificial intelligence: concepts and tools for impact	Degree 2	Degree 2	MTH1010+ Functions and their applications
	Second Semester	FIT1047 Computing systems 1: foundations and operations	FIT1066 Responsible use of data in the age of AI	Degree 2	Degree 2	
Year 2	**First Semester**	FIT1056 Making with artificial intelligence: software in the AI era	FIT2118 Artificial intelligence futures: research directions, drivers and dangers	Degree 2	Degree 2	
	Second Semester	FIT2119 Computing in practice: professional practice	FIT2131 Practical artificial intelligence application and development	Degree 2	Degree 2	
Year 3	**First Semester**	FIT2130* Computing in practice: project practices and management	FIT2116 Artificial intelligence applications in context	Degree 2	Degree 2	
	Second Semester	FIT3207 Computing in practice: leadership and influence	FIT3226 Agentic and distributed AI: multi-agent systems, swarms and artificial life	Degree 2	Degree 2	
Year 4	**First Semester**	FIT3208* Artificial intelligence in practice: project 1	FIT3205 Applied computer vision	Degree 2	Degree 2	
	Second Semester	FIT3209* Artificial intelligence in practice: project 2	FIT3206 Conversation for artificial intelligence	Degree 2	Degree 2	

+Note

Students who have not completed units 3 and 4 VCE Mathematics methods (or equivalent) need to complete MTH1010 as an overload unit. This increases the total credit points needed for the double degree by 6 points.

*** 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 or semester 1 of fourth year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit to complete the course within the expected duration.

Bachelor of Artificial Intelligence Double degrees – 2027 (March intake) Arts (C2009), Biomedical Science (C2006), Commerce (C2015), Health Sciences (C2008), Media Communication (C2011), Science (C2010) Specialisation: Artificial intelligence algorithms and models

Year 1	**First Semester**	FIT1045 Software development 1: programming foundations	FIT1059 Artificial intelligence: concepts and tools for impact	Degree 2	Degree 2	MTH1010+ Functions and their applications
	Second Semester	FIT1047 Computing systems 1: foundations and operations	FIT1066 Responsible use of data in the age of AI	Degree 2	Degree 2	
Year 2	**First Semester**	MAT1003 Mathematics for algorithms and models	FIT1061 AI algorithm foundations	Degree 2	Degree 2	
	Second Semester	FIT2132 Reasoning with data	FIT2115 Data structures and algorithms 1	Degree 2	Degree 2	
Year 3	**First Semester**	FIT2119 Computing in practice: professional practice	FIT2111 Symbolic artificial intelligence and machine learning	Degree 2	Degree 2	
	Second Semester	FIT2130* Computing in practice: project practices and management	FIT2112 Deep learning	Degree 2	Degree 2	
Year 4	**First Semester**	FIT3208* Artificial intelligence in practice: project 1	Approved artificial intelligence algorithms and models elective**	Degree 2	Degree 2	
	Second Semester	FIT3209* Artificial intelligence in practice: project 2	Approved artificial intelligence algorithms and models elective**	Degree 2	Degree 2	

+Note

Students who have not completed units 3 and 4 VCE Mathematics methods (or equivalent) need to complete MTH1010 as an overload unit. This increases the total credit points needed for the double degree by 6 points.

**** Approved Electives**

FIT3191 Generative artificial intelligence
FIT3192 Emerging and advanced topics in artificial intelligence
FIT3203 Embodied artificial intelligence
FIT3233 Optimisation and reinforcement learning

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