

UNIT OFFERINGS YEAR 2025

Master of Data Science (C6004)

**Please refer to your [course progression map](#) to plan your unit. The unit offering information is as of the publication date and subject to change. Always refer to the [unit Handbook](#) entry prior to the start of each semester.*

Unit Code	Unit Title	Credit Point	Sem 1	Sem 2
FIT5047	Fundamentals of artificial intelligence	6	Yes	Yes
FIT5057	Project management	6	Yes	Yes
FIT5120	Industry experience studio project	12	Yes	Yes
FIT5122	Professional practice	6	Yes	Yes
FIT5125	IT research methods	6	Yes	Yes
FIT5126	Masters thesis part 1	6	Yes	Yes
FIT5127	Masters thesis part 2	6	Yes	Yes
FIT5128	Masters thesis final	6	Yes	Yes
FIT5145	Foundations of data science	6	Yes	Yes
FIT5147	Data exploration and visualisation	6	Yes	
FIT5160	Business process modelling, design and simulation	6		Yes
FIT5196	Data wrangling	6		Yes
FIT5197	Statistical data modelling	6	Yes	
FIT5201	Machine learning	6	Yes	Yes
FIT5202	Data processing for big data	6	Yes	Yes
FIT5206	Digital continuity	6		Yes
FIT5215	Deep learning	6		Yes
FIT5226	Multi agent systems and collective behaviour	6	Yes	
FIT5230	Malicious AI	6		Yes
FIT9132	Introduction to databases	6	Yes	
FIT9136	Introduction to Python programming	6	Yes	Yes
FIT9137	Introduction to computer architecture and networks	6		Yes
MAT9004	Mathematical foundations for data science and AI	6	Yes	Yes

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