

Bachelor of Computer Science (C2001) – 2027

Specialisation: Data science

March intake

Year 1	First Semester	FIT1045 Software development 1: programming foundations	FIT1047 Computing systems 1: foundations and operations	MAT1830 Discrete mathematics for computer science	MAT1003 Mathematics for algorithms and models
	Second Semester	FIT1062 Data management	FIT2115 Data structures and algorithms 1	FIT2132 Reasoning with data	Elective
Year 2	First Semester	FIT2119 Computing in practice: professional practice	FIT3234 Data structures and algorithms 2	FIT2179 Data visualisation	FIT2086 Predictive modelling and machine learning
	Second Semester	FIT2130* Computing in practice: project practices and management	FIT3235 Theory of computation 1: models of computation	Elective	Elective
Year 3	First Semester	FIT3220* Data science in practice: project 1	FIT3154 Learning from complex data	Elective	Elective
	Second Semester	FIT3221* Data science in practice: project 2	Elective	Elective	Elective

* Industry Based Learning (IBL)

- Students accepted into the IBL program will replace FIT2130, FIT3220 and FIT3221 with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 2 of second year or 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