

Course progression map for 2023 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

S2010 Bachelor of Applied Data Science

This outline is a guide only. The placement of units may be rearranged to provide flexibility in choice of elective units. The complete course requirements are specified in the University Handbook.

July Intake

YEAR 1

Sem 2, 2023	FIT1045 Intro to programming	MAT1830 Discrete mathematics for computer science	ENG1090 Foundation mathematics	Applied studies
Sem 1, 2024	ADS1001 Data challenges 1	FIT1008 Introduction to computer science	ENG1005 Engineering mathematics	Applied studies

YEAR 2

Sem 2, 2024	ADS1002 Data challenges 2	FIT2086 Modelling for data analysis	Elective	Applied studies
Sem 1, 2025	ADS2001 Data challenges 3	MTH2019 Multivariate mathematics for data science	Free elective	Applied studies

YEAR 3

Sem 2, 2025	ADS2002 Data challenges 4	FIT3181 Deep Learning	FIT3154 Advanced data analysis	MTH2051 Intro to computational mathematics
Sem 1, 2026	ADS 3001 Advanced data challenges		MTH3320 Computational linear algebra	MTH3330 Optimisation and operations research

Part A	Data challenges
Part B.1	Techniques for data science – Information technology
Part B.2	Techniques for data science – Mathematical Science units
Part C	Applied studies
Part D	Elective

Source: Monash University Handbook -
CRICOS Provider Number: 099359F

While the information provided herein was correct at the time of viewing and/or printing, Monash University reserves the right to alter procedures, fees and regulations should the need arise. Students should carefully read all official correspondence, other sources of information for students and the official university noticeboards to be aware of changes to the information contained herein. The inclusion in a publication of details of a course in no way creates an obligation on the part of the university to teach it in any given year, or to teach it in the manner described. The university reserves the right to discontinue or vary courses at any time without notice. Students should always check with the relevant faculty officers when planning their courses. Some courses and units are described which may alter or may not be offered due to insufficient enrolments or changes to teaching personnel.