

Semester 1 Enrolment Course Structure

Course Code – CX9

Course Name – Master of Data Science

Campus: MELC

First Year			
Unit Code	Unit Name	Unit Rules	CR Points
Semester 1 2026			
ITECH5104	Foundations of Programming	EX: ITECH1000 & ITECH1400 & ITECH5000	15
ITECH5207	The Data-Driven Professional		15
ITECH7611	Introduction to Cyber Security Fundamentals and Practices		15
MATHS5000	Mathematics for Data Science		15
Semester 2 2026			
ITECH5500	Professional Research and Communication	EX: ITECH5401	15
ITECH7401	Leadership in IT Project Management	PR: ITECH5207	15
STATS5000	Statistics and R		15
GPSIT5010	Digital Transformation: Service Design		15
Second Year			
Unit Code	Unit Name	Unit Rules	CR Points
Semester 1 2027			
COOP19011	Co-Operative Placement (IT)	PR: At least 60 CP	30
ITECH7001	Artificial Intelligence and Machine Learning	PR: ITECH5104	15
ITECH7416	Master Project 1	PR: ITECH7401	15
Semester 2 2027			
DATSC7003	Experiment Design and Visualisation	PR: ITECH7001	15
ITECH7417	Masters Project 2	PR: ITECH7416	15

MATHS7002	Computational Methods for Data Analysis	PR: STATS5000	15
STATS7101	Regression and Multivariate Data Analysis	PR: STATS5000	15

Additional Information

This course structure applies to Semester 1 entry students.

TEQSA have advised that, in accordance with B1.1.3 of [Higher Education Standards Framework \(Threshold Standards\) 2021](#) all Higher Education Providers are required to show their TEQSA Provider number and Provider Category on all relevant public material. ITS have ensured that our website and email signature templates have been amended to ensure compliance and have provided a knowledge article to assist you to update your signatures. Marketing are working to update the brand library and all social media accounts.

Glossary

Semester: designated teaching period.

PR: Pre-requisite, a unit/s that must be completed prior to undertaking another unit.

CO: Co-requisite, a unit/s that must be completed simultaneously, or prior to, undertaking another unit.

EX: Exclusion, a unit/s that may not be taken.