Enrolment Course Structure

Course Code – CX9

Course Name – Master of Data Science

First Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ITECH1400	Foundations of Programming	**EX:** ITECH1000 & ITECH5104 & ITECH5000
	ITECH5007	Data Science for All	
	STATS5000	Statistics And R	
		Elective	
Semester 2			
	ITECH5500	Professional Research and Communication	**PR:** ITECH1100 or ITECH5100 **EX**: ITECH5401
	ITECH7001	Artificial Intelligence and Machine Learning	**PR:** ITECH5104 **EX:** ITECH2111
		Elective	
		Elective	

Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	DATSC5001	Advanced Data Science Project 1	**PR:** ITECH5500 or equivalent
	DATSC7003	Experiment Design and Visualization	**PR:** ITECH7001
	MATHS7002	Computational Methods for Data Analysis	**PR:** STATS5000
Semester 2			
	DATSC5002	Advanced Data Science Project 2	**PR:** ITECH5500 or equivalent & DATSC5001
	ITECH7614	Data Analytics for Cyberthreat Intelligence	
	STATS7101	Regression And Multivariate Data Analysis	**PR**: STATS5000

Approved Electives List:

Semester 1
MATHS2016, ITECH2303, ITECH2306, ITECH7407

Semester 2
MATHS1102, ITECH3109, ITECH2004, ITECH7401

Additional Information

This course structure applies to all continuing 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.