

## Enrolment Course Structure

Course Code – IT5.ADS

Course Name – Bachelor of Information Technology (AI & Data Science)

First Year	Unit Code	Unit Name	Unit Rules
<b>Semester 1</b>			
	ITECH1500	Digital Literacy	<b>EX:</b> GPSIT1100 & ITECH1100 & ITECH5100
	ITECH1501	User Centred Design	
	ITECH1503	Data and Information Systems	<b>EX:</b> GPSIT1103 & ITECH1103 & ITECH5103
	ITECH1504	Connected Systems	<b>EX:</b> GPSIT1104 & ITECH1104 & ITECH2201
<b>Semester 2</b>			
	COOP11001	Professional Identity (Information Technology)	
	ITECH1400	Foundations of Programming	<b>EX:</b> ITECH5104
	ITECH1502	Cybersecurity Fundamentals	<b>EX:</b> GPSIT1102 & ITECH1102 & ITECH5102
	MATHS2100	Applied Mathematics 2	<b>EX:</b> MATHS1005 & MATHS1102
Second Year	Unit Code	Unit Name	Unit Rules
<b>Semester 1</b>			
	ITECH2250	IT Project Management Techniques	<b>PR:</b> GPSIT1010 or ITECH1101 or ITECH1501
	ITECH2306	Agile Coding	<b>PR:</b> ITECH2000 & ITECH2001 OR ITECH1400 <b>EX:</b> ITECH2100
	ITECH2501	Business Analytics and Decision Support	<b>PR:</b> ITECH1103 or ITECH1503 <b>EX:</b> ITECH3101
		Introductory Elective	
<b>Semester 2</b>			
	ITECH2303	Data Analytics	<b>PR:</b> ITECH1103
	ITECH2500	Algorithms for Artificial Intelligence	<b>PR:</b> ITECH1400 & MATHS2100 <b>EX:</b> ITECH2111 & ITECH6111 & ITECH7001
		Introductory Elective	
		Intermediate Elective	

Third Year	Unit Code	Unit Name	Unit Rules
<b>Semester 1</b>			
	COOPI2011	Co-Operative Placement 1 (Information Technology) (30 credit points)	<b>PR:</b> COOPI1001 & At least 105 credit points from ITECH subject-area <b>EX:</b> BUGEN3751 & BUGEN3752 & SCCOR3003 & SCCOR3014
	COOPI2012	Co-Operative Placement 2 (Information Technology) (30 credit points)	<b>PR:</b> COOPI1001 & At least 105 credit points from ITECH subject-area
<b>Semester 2</b>			
	ITECH3102	Data Visualization	<b>PR:</b> ITECH2303
	ITECH3113	Requirements Management and DevOps	
	ITECH3500	Machine Learning	<b>PR:</b> ITECH2500 <b>EX:</b> ITECH2111 & ITECH6111 & ITECH7001
	ITECH3502	Project	<b>PR:</b> ITECH2250 <b>CO:</b> ITECH3001 or ITECH3108 or ITECH3113 or ITECH3504 or ITECH3506 <b>EX:</b> ITECH3208 & ITECH3602

### Additional Information

This course structure applies to students commencing from 2025. Students who commenced prior to 2025 should refer to the continuing enrolments page.

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.