

Mid-year Enrolment Course Structure

Course Code – IT5.ADS

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

First Year	Unit Code	Unit Name	Unit Rules
Semester 2			
	COOPI 1001	Professional Identity (Information Technology)	
	ITECH 1400	Foundations of Programming	EX: ITECH5104
	ITECH 1502	Cybersecurity Fundamentals	EX: GPSIT1102 & ITECH1102 & ITECH5102
	MATHS 2100	Applied Mathematics 2	EX: MATHS1005 & MATHS1102
Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ITECH 1500	Digital Literacy	EX: GPSIT1100 & ITECH1100 & ITECH5100
	ITECH 1501	User Centred Design	
	ITECH 1503	Data and Information Systems	EX: GPSIT1103 & ITECH1103 & ITECH5103
	ITECH 1504	Connected Systems	EX: GPSIT1104 & ITECH1104 & ITECH2201
Semester 2			
	ITECH 2250	IT Project Management Techniques	PR: GPSIT1010 or ITECH1101 or ITECH1501
	ITECH 2500	Algorithms for Artificial Intelligence	PR: ITECH1400 & MATHS2100 EX: ITECH2111 & ITECH6111 & ITECH7001
	ITECH2119	AI Governance and Assurance	PR: COOPI1001 OR COOPB1001 OR COOPE1001 OR COOPS1001 OR COOPI1002 OR ITECH1500
		Intermediate Elective	
Third Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ITECH 2306	Agile Coding	PR: ITECH2000 & ITECH2001 OR ITECH1400 EX: ITECH2100
	ITECH 2501	Business Analytics and Decision Support	PR: ITECH1103 or ITECH1503 EX: ITECH3101
		Introductory Elective	
		Intermediate Elective	

Semester 2

ITECH 3102	Data Visualization	PR: ITECH2303
ITECH 3209	Project 2	PR: ITECH2250
COOPI2012	Co-Operative Placement 2 (Information Technology) (30 credit points)	PR: COOPI1001 & At least 105 credit points from ITECH subject-area

Fourth Year	Unit Code	Unit Name	Unit Rules
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Semester 1

COOPI 2011	Co-Operative Placement 1 (Information Technology) (30 credit points)	PR: COOPI1001 & At least 105 credit points from ITECH subject-area EX: BUGEN3751 & BUGEN3752 & SCCOR3003 & SCCOR3014
ITECH 3500	Machine Learning	PR: ITECH2500 EX: ITECH2111 & ITECH6111 & ITECH7001
ITECH 3208	Project 1	PR: ITECH2250 & GPSIT2012

Additional Information

This course structure applies to mid-year entry students.

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.