

Enrolment Course Structure

Course Code – CI5

Course Name – Bachelor of Information Technology (Professional Practice)

First Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ITECH1100	Understanding the Digital Revolution	EX: GPSIT1100 & ITECH5100
	ITECH1101	IT Problem Solving	EX: GPSIT1101
	ITECH1102	Networking & Security	EX: GPSIT1102 & ITECH5102
	ITECH1103	Big Data & Analytics	EX: GPSIT1103 & ITECH5103
Semester 2			
	COOPC1024	Professional Identity (Information Technology)	
	ITECH1104	Cloud & Enterprise Computing	EX: GPSIT1104 & ITECH2201
	ITECH1400	Foundations of Programming	EX: ITECH5104
		Elective	
Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	COOPC2004	Co-operative Placement (Information Technology)	PR: Minimum 105 credit points EX: BUGEN3751 & BUGEN3752 & SCCOR3003 & SCCOR3014
	ITECH2003	Web Design	PR: ITECH1100 EX: ITECH2106
	ITECH2301	Network Architecture and Design	PR: ITECH1102
		Specialisation Elective	
Semester 2			
	ITECH2004	Data Modelling	PR: ITECH1103
	ITECH2250	IT Project Management Techniques	PR: ITECH1001 & at least 7 computing units EX: ITECH3213 & ITECH5213
		Specialisation Elective	
Summer			
	ITECH2002	Systems Modelling	PR: ITECH1100 EX: ITECH2101

	ITECH3108	Dynamic Web Development	PR: ITECH1400 or ITECH2001 & ITECH2003 EX: ITECH3224
Third Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ITECH3208	Project 1	PR: ITECH2002 or ITECH2250 CO: ITECH2003 or ITECH2309
		Specialisation Elective	
		Elective	
Semester 2			
	ITECH3209	Project 2	PR: ITECH3208
		Specialisation Elective	
Summer			
	ITECH2310	Cloud Infrastructure and Services	PR: ITECH1104 EX: ITECH2201
	ITECH3002	Professionalism and Entrepreneurship	PR: ITECH2204 or ITECH2250 EX: ITECH3203

First Year Elective List

BUACC1508 PRINCIPLES OF ACCOUNTING AND FINANCE
 BUENT1501 CREATIVITY AND INNOVATION
 ITECH2001 GAME DEVELOPMENT FUNDAMENTALS
 MATHS1001 MODELLING AND CHANGE (INTRODUCTORY LEVEL)
 MATHS1102 LINEAR ALGEBRA AND APPLICATIONS
 STATS1000 STATISTICAL METHODS

Specialisation Elective list

ITECH2103 OPEN SOURCE & LINUX
 ITECH2111 ARTIFICIAL INTELLIGENCE
 ITECH2300 MOBILE NETWORKS AND WIRELESS COMMUNICATIONS
 ITECH2302 BIG DATA MANAGEMENT
 ITECH2305 ANALYSING THE MODERN BUSINESS
 ITECH2306 AGILE CODING
 ITECH2308 CONTEMPORARY MAINFRAMES
 ITECH2309 SOFTWARE ENGINEERING
 ITECH2313 INDUSTRY-BASED CERTIFICATION I
 ITECH2314 INDUSTRY-BASED CERTIFICATION II
 ITECH2315 INDUSTRY-BASED CERTIFICATION III
 ITECH2316 ENTERPRISE DEVELOPMENT SAP

ITECH3001 USER EXPERIENCE

ITECH3100 CLOUD AND MOBILE SECURITY

ITECH3105 MAINFRAME SYSTEMS AND SERVICES

ITECH3215 INFORMATION SECURITY

Additional Information

If students are not able to enrol in summer units that they can elect to take an extra year to complete the course by enrolling in summer units during regular semesters in years 3 and 4. Students should discuss their course study plan with their course coordinator.

This course structure applies to students commencing from 2024. Students who commenced prior to 2024 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.