

Enrolment Course Structure

Course Code – CT5.BDA

Course Name – Bachelor of Information Technology (Big Data & Analytics)

| 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 |
| | | Specialisation Elective | |
| Second Year | Unit Code | Unit Name | Unit Rules |
| Semester 1 | | | |
| | ITECH2002 | Systems Modelling | PR: ITECH1100 EX: ITECH2101 |
| | ITECH2003 | Web Design | PR: GPSIT1010 or ITECH1100 or ITECH1501 EX: ITECH2106 |
| | ITECH2303 | Data Analytics | PR: ITECH1103 |
| | | Elective | |
| Semester 2 | | | |
| | ITECH2004 | Data Modelling | PR: ITECH1103 or ITECH1503 or ITECH5103 |
| | ITECH2250 | IT Project Management Techniques | PR: GPSIT1010 or ITECH1101 or ITECH1501 |
| | ITECH2302 | Big Data Management | PR: ITECH1103 |
| | | Elective | |

| Third Year | Unit Code | Unit Name | Unit Rules |
|-------------------|-----------------|---|--|
| Semester 1 | | | |
| | COOPC2004 OR | Co-Operative Placement (Information Technology) | PR: Minimum 105 credit points EX: BUGEN3751 & BUGEN3752 & SCCOR3003 & SCCOR3014 |
| | COOPC2001 | Community Impact Project | PR: 120cp |
| | ITECH3001 | User Experience | PR: ITECH2003 |
| | ITECH3101 | Business Analytics & Decision Support | PR: ITECH2004 |
| | ITECH3208 | Project 1 | PR: ITECH2002 & ITECH2250 CO: ITECH2003 or ITECH2309 |
| Semester 2 | | | |
| | ITECH3002 | Professionalism & Entrepreneurship | PR: ITECH2004 & ITECH2250 EX: ITECH3203 |
| | ITECH3102 | Data Visualization | PR: ITECH2303 |
| | ITECH3209 | Project 2 | PR: ITECH3208 |
| | | Elective | |

Specialisation 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

Additional Information

This course structure applies to students commencing from 2024.

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.