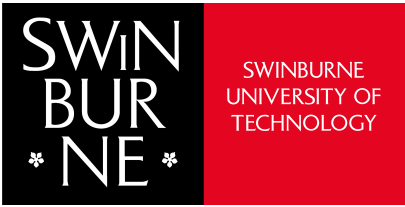


COURSE PLANNER



Diploma of Information Technology

DIT – Data Science

Semester 1 | 2024 (2 years)

Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However, this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

Year One

| Semester 1 Feb/Mar 2024 | | |
|---------------------------|--|----------------|
| Unit Code | Unit Name | Pre-requisites |
| CSS101 | Programming 1 | Nil |
| CSS102 | Discrete Mathematics | Nil |
| CSS103 | Fundamentals of Networking | Nil |
| DBC111 | Preparatory English | Nil |
| MPU2273 | Kursus Integriti dan Anti Rasuah (Malaysian & International students) | Nil |
| Winter Term Jun 2024 | | |
| DBI121 | Information Technology | Nil |
| MPU2212 | Bahasa Kebangsaan A (Malaysian students who do not have SPM Bahasa Melayu credit) | Nil |
| Semester 2 Aug/Sep 2024 | | |
| DBI211 | Fundamentals of Web Technology | Nil |
| CSS104 | Database Management System | CSS101 (CR) |
| CSS208 | Introduction to Data Science | Nil |
| CSS207 | Foundation of Statistics | Nil |
| MPU2183 | Penghayatan Etika dan Peradaban (Local students only) | Nil |
| MPU2133 | Bahasa Melayu Komunikasi 1 (International students only) | Nil |

Year Two

| Summer Term Jan 2025 | | |
|---------------------------|---|--------------------------|
| Unit Code | Unit Name | Pre-requisites |
| CSS203 | User Centred Design | Nil |
| Semester 3 Feb/Mar 2025 | | |
| CSS201 | Programming 2 | CSS101 |
| CSS202 | System Analysis and Design | CSS104 & CSS201 (CR) |
| DBC121 | Academic English | Nil |
| CSS304 | Data Analytics | CSS207 |
| Semester 4 Aug/Sep 2025 | | |
| CSS204 | Data Structure | CSS101 |
| CSS301 | Software Project | CSS201 & CSS202 |
| DBI311 | Introduction to Business Information System | Nil |
| CSS305 | Applied Data Science in Python | CSS101 & CSS208 & CSS207 |

How to use your Course Planner

Refer to the below table to help explain what units are required each semester throughout your course. The units in your planner are colour coded to assist you with mapping out your studies.

Course Information

Each unit is equivalent to 12.5 credit points. To qualify for the award of this course, students must complete 18 units (225 credit points) comprising of:

14 Core Units 175 credit points

A set of compulsory units you MUST complete as part of your Course.

4 Elective Units 50 credit points

A set of elective units you MUST complete as part of your specialization.

General Studies/ Mata Pelajaran Umum 0 credit point

A set of compulsory units to complete as a pre-requisite to graduate.

All commencing students of Master, Degree, Diploma and Foundation courses will be automatically registered for the **Academic Integrity Training Module** in the first semester (Note: Students articulating from Foundation Studies are expected to undertake this unit as a refresher). There are 4 topics in this online module that are recommended for completion during Week 1-4 of your commencing study period. At the end of this module, students are required to complete a quiz comprised of 10 questions and achieve a score of at least 90%.

Ministry of Education requires that all NEW Cohorts pursuing Degree course (International and Malaysian) students must take the MPU units as a prerequisite for the award of their degree.

- Malaysian students: Must take and pass the units as a prerequisite for the award of their degree.
- International students: Must attempt all coursework and final exam as a prerequisite for the award of their degree.