Diploma of Information Technology
DIT – Data Science
Semester 2 | 2023

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	Sept 2023	
Unit Code	Unit Name	Pre-requisites
CSS101	Programming 1	Nil
DBI211	Fundamentals of Web Technology	Nil
CSS104	Database Management System	CSS101 (CR)
DBC111	Preparatory English	Nil
MPU2183	Penghayatan Etika dan Peradaban *(Local students only)*	Nil
MPU2133	Bahasa Melayu Komunikasi 1 *(International students only)*	Nil
**Semester 2	Feb 2024**		
CSS102	Discrete Mathematics	Nil
CSS103	Fundamentals of Networking	Nil
DBC121	Academic English	Nil
**Winter Term	June 2024**		
DBI121	Information Technology	Nil
MPU2212	Bahasa Kebangsaan A *(Malaysian students who do not have SPM Bahasa Melayu credit)*	Nil

Year Two

Semester 3	Sept 2024	
Unit Code	Unit Name	Pre-requisites
CSS207	Foundation of Statistics	Nil
CSS208	Introduction to Data Science	Nil
DBI311	Introduction to Business Information System	Nil
Summer Term Jan 2025		
CSS203	User Centred Design	Nil
**Semester 4	Feb 2025**		
CSS202	System Analysis and Design	CSS104 & CSS201 (CR)
CSS201	Programming 2	CSS101
CSS303	Cyber Ethics	NIl

Year Three

Winter Term	Jun 2025	
Industry Training	- Students need to complete 3 months internship as a prerequisite to graduate	
**Semester 5	Sept 2025**		
Unit Code	Unit Name	Pre-requisites
CSS301	Software Project	CSS201 & CSS202
CSS204	Data Structure	CSS101
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 + Industry training (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.

Industry Training
0 credit point

Students need to complete 3 months internship as a prerequisite to graduate

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.