



# Bachelor of Information and Communication Technology – Software Technology

## BA-ICT

Semester 2 | 2025

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   Aug/Sept 2025		
Unit Code	Unit Name	Pre-requisites
COS10009	Introduction to Programming	Nil
COS10025	Technology in an Indigenous Context Project	Nil
COS10005	Web Development	Nil
COS10003	Computer and Logic Essentials*	Nil
MPU3272	Integrity and Anti Corruption	Nil
Semester 2   Feb/Mar 2026		
COS20007	Object-oriented Programming	COS10009
ICT10022	ICT Inquiry Project	Nil
TNE10005	Network Administration	Nil
COS10022	Data Science Principles&	Nil
MPU3192	Philosophy and Current Issues	Nil
Winter Term   June 2026		
MPU3212	Bahasa Kebangsaan A (Malaysian students who do not have SPM Bahasa Melayu credit)	Nil

Year Two

Semester 1   Aug/Sept 2026		
Unit Code	Unit Name	Pre-requisites
ICT30016	ICT Innovation Project	Nil
COS30020	Advanced Web Development	COS10009 & COS10005
COS30045	Data Visualisation	COS10009
COS30015	IT Security*	COS10009 & COS10005 & (TNE10005 / TNE10006)
MPU3182	Penghayatan Etika dan Peradaban (Malaysian Students Only)	Nil
MPU3142	Malay Language Communication 2 (International Students Only)	Nil
Semester 2   Feb/Mar 2027		
COS20015	Fundamentals of Data Management	COS10009
COS20019	Cloud Computing Architecture	50cp
ICT20025	User Experience Design Project	Nil
INF10024	Business Digitalisation&	Nil
MPU3412	Service Learning	Nil
Winter Term   Jun/July 2027		
ICT20016	Work Integrated Learning Placement Unit	Completed at least 12 units

Year Three

Semester 1   Aug/Sept 2027		
Unit Code	Unit Name	Pre-requisites
ICT30017	ICT Project A	125cp
COS30017	Software Development for Mobile Devices	(COS20007 / COS20011 / COS30014)
COS30019	Introduction to Artificial Intelligence&	COS20007
Semester 2   Feb/Mar 2028		
ICT30018	ICT Project B	ICT30017
COS30043	Interface Design and Development	(COS10011 / COS10005 / COS10026 / ENG20009) & (COS20007 / SWE20004)
SWE30011	IoT Programming&	COS20007 & (COS10026 OR COS10005)

Notes

\* Compulsory Pre-scribed Elective  
& Elective units (can be customised)

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

This course has 23 units (300 credit points) consisting of

8 Core Units

100 credit points

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

8 Software Technology Major Units

100 credit points

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

6 Elective Units

75 credit points

A combination of elective units / second-major / Minor

1 WIL Placement Units

25 credit points

An industry placement in a professional organization, corporation, or an institution.

General Studies/MPU

0 credit points

\* Compulsory units to complete as a pre-requisite to graduate (see statement below)

\* Advisable to enroll in Year One

\* Email [ltu@swinburne.edu.my](mailto:ltu@swinburne.edu.my) for queries

Work-Integrated Learning Placement (3 month) – Offer in Winter/Summer Term

25 credit points

\* Students need to complete at least 12 units to enroll in WIL placement

\* WIL placement must be completed before the final semester

\* Email [ltu@swinburne.edu.my](mailto:ltu@swinburne.edu.my) for queries

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.