

Bachelor of Cybersecurity
BA-CYB

Intake: Aug/Sept 2026

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 program.

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.

Year One

Semester 1 Aug/Sept 2026		
Unit Code	Unit Name	Pre-requisites
COS10009	Introduction to Programming	Nil
TNE10005	Network Administration	Nil
ICT10022	ICT Inquiry Project	Nil
COS10003	Computer and Logic Essentials*	Nil
MPU3312	Academic Integrity and Professional Conduct <i>(Malaysian and International Students)</i>	Nil
Summer Term Jan 2027		
MPU3212	Bahasa Kebangsaan A <i>(Malaysian students who do not have SPM Bahasa Melayu credit)</i>	Nil
Semester 2 Feb/Mar 2027		
COS10005	Web Development	Nil
TNE10006	Networks & Switching	Nil
COS10025	Technology in an Indigenous Context Project	Nil
COS20007	Object-oriented Programming*	COS10009
MPU3172	Aspirasi Negara Bangsa <i>(Malaysian Students Only)</i>	Nil
MPU3142	Malay Language Communication 2 <i>(International Students Only)</i>	Nil

Course Information

This course has 24 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 Cybersecurity 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

1 WIL Placement Units
25 credit points

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

General Studies/Mata Pelajaran Umum
0 credit points

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

* Advisable to enrol in Year One

* Email mpu@swinburne.edu.my for queries

Work-Integrated Learning Placement – Offer in Winter/Summer Term or 2 Elective Units

25 credit points

* Compulsory for students and completing WIL placement is equivalent to two elective units exemption.

* Students need to complete at least 12 units (including current semester) if they want to enrol in WIL placement

* WIL placement can be taken in Year Three

* Email wil-pu@swinburne.edu.my for queries

Ministry of Education requires all the students pursuing Degree program (International and Malaysian) to complete 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 finalexam as a prerequisite for the award of their degree

Year Two

Semester 1 Aug/Sept 2027		
Unit Code	Unit Name	Pre-requisites
TNE30009	Network Security and Resilience	TNE10006
ICT30016	ICT Innovation Project	Nil
COS30015	IT Security	COS10009 & (COS10026/COS10005) & TNE10006
COS20019	Cloud Computing Architecture*	50cp
MPU3222	Career Development <i>(Malaysian and International Students)</i>	Nil
Semester 2 Feb/Mar 2028		
TNE20002	Network Routing Principles	TNE10006
ICT20025	User Experience Design Project	Nil
COS30047	Security Operations Centre	TNE30009
COS10004	Computer Systems*	Co-req: COS10009
MPU3112	Kursus Integriti dan Antirasuah (KIAR) <i>(Malaysian and International Students)</i>	Nil
Winter Term Jun / July 2028		
ICT20016	<i>- Completing Work-Integrated Learning Internship as an exemption to 2 electives - Students need to complete at least 12 units to enroll - WIL internship placement can be taken in Year Three</i>	

Year Three

Semester 1 Aug/Sept 2028		
Unit Code	Unit Name	Pre-requisites
ICT30017	ICT Project A	125cp
COS20030	Malware Analysis	TNE10006
COS30019	Introduction to Artificial Intelligence*	COS20007
MPU3122	Falsafah dan Cabaran Semasa <i>(Malaysian Students Only)</i>	Nil
MPU3152	Citra Malaysia <i>(International Students Only)</i>	Nil
Semester 2 Feb/Mar 2029		
ICT30018	ICT Project B	ICT30017
TNE30012	Secure Remote Access Networks	TNE20001 / TNE20002
LAW30030	Cyber Security Ethics, Law and Policy	150 cp
MPU3412	Service Learning <i>(Malaysian and International Students)</i>	Nil

Notes

* Compulsory Pre-scribed Elective