Bachelor of Information and Communication Technology – Network Technology
BA-ICT

Semester 1 | 2026

Recommended Sequence
Units are listed on your Program 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.

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

Unit Code	Unit Name	Pre-requisites
Semester 1 | Feb/Mar 2026		
COS10009	Introduction to Programming	Nil
ICT10022	ICT Inquiry Project	Nil
COS10025	Technology in an Indigenous Context Project	Nil
COS10003	Computer and Logic Essentials*	Nil
MPU3272	Integrity and Anti-Corruption (Malaysian and International Students)	Nil
Winter Term | June 2026		
MPU3212	Bahasa Kebangsaan A (Malaysian students who do not have SPM Bahasa Melayu credit)	Nil
Semester 2 | Aug/Sept 2026		
COS10005	Web Development	Nil
TNE10005	Network Administration	Nil
TNE10006	Networks and Switching	Nil
COS10022	Data Science Principles&	Nil
MPU3192	Philosophy and Current Issues (Malaysian and International Students)	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 Network 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.

Year Two

Unit Code	Unit Name	Pre-requisites
Semester 1 | Feb/Mar 2027		
COS20015	Fundamentals of Data Management	COS10009 / SWE20004
TNE20002	Network Routing Principles	TNE10006
ICT20025	User Experience Design Project	Nil
INF10024	Business Digitalisation&	Nil
MPU3412	Service Learning	Nil
Semester 2 | Aug/Sept 2027		
COS30015	IT Security*	COS10009 & COS10026 & TNE10006
COS30020	Advanced Web Development	(COS10011 / COS10005 / COS10026) & COS10009
COS30045	Data Visualisation	COS10009
ICT30016	ICT Innovation Project	Nil
MPU3182	Penghayatan Etika dan Peradaban (Malaysian Students Only)	Nil
MPU3142	Malay Language Communication 2 (International Students Only)	Nil
Summer Term | Jan/Feb 2028		
ICT20016	Work Integrated Learning Placement Unit	Completed at least 12 units

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%.

Year Three

Unit Code	Unit Name	Pre-requisites
Semester 1 | Feb/Mar 2028		
ICT30017	ICT Project A	125cp
TNE30012	Secure Remote Access Networks	TNE20001 / TNE20002
TNE30018	Enterprise Network Server Administration	TNE10005
Semester 2 | Aug/Sept 2028		
ICT30018	ICT Project B	ICT30017
TNE30009	Network Security and Resilience&	TNE10006
COS20030	Malware Analysis&	TNE10005 / TNE10006

Ministry of Education requires that all NEW Cohorts pursuing Degree program (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

Notes

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