COURSE PLANNER

Bachelor of Information and Communication Technology – Semester 1 Intake
Software Technology major – BA-ICT

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.

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

Your First Semester		Your Second Semester	
COS10009 Introduction to Programming	+12.5	INF10002 Database Analysis and Design	+12.5
INF10003 Introduction to Business Information Systems	+12.5	COS10004 Computer Systems *Pre-requisite: COS10009 / EAT10016 / ENG10004 / ICT10001*	+12.5
COS10011 Creating Web Applications	+12.5	COS20007 Object Oriented Programming *Pre-requisite: COS10001 / COS10009 / INF10016 / SWE20004*	+12.5
TNE10005 Network Administration	+12.5	COS20001 User-Centered Design	+12.5

Year Two

Your Third Semester		Your Fourth Semester	
ICT10001 Problem Solving with ICT	+12.5	SWE30010 Managing IT Projects *Pre-requisite: COS10009 & 150 CREDIT POINTS*	+12.5
COS30043 Interface Design and Development *Pre-requisite: (COS10011 / COS10005) & (COS20007 / SWE20004)*	+12.5	COS30017 Software Development for Mobile Devices *Pre-requisite: COS20007*	+12.5
SWE30011 IoT Programming *Pre-requisite: (COS10011 / COS10005) & (COS20007 / SWE20004)*	+12.5	Co-major/Minor or Elective	+12.5
Co-major/Minor or Elective	+12.5	Co-major/Minor or Elective	+12.5

Year Three

Your Fifth Semester		Your Sixth Semester	
ICT30005 Professional Issues in IT *Pre-requisite: COMPLETED 16 UNITS (200 CREDIT POINTS)*	+12.5	ICT30001 Information Technology Project *Pre-requisite: COMPLETED 15 UNITS (187.5 CREDIT POINTS)*	+12.5
COS30015 IT Security *Pre-requisite: (COS10009 / SWE20004) & (COS10011 / COS10005) & (TNE10005 / TNE10006)*	+12.5	Co-major/Minor or Elective	+12.5
Co-major/Minor or Elective	+12.5	Co-major/Minor or Elective	+12.5
Co-major/Minor or Elective	+12.5	Co-major/Minor or Elective	+12.5

Course Information

300 Credit Points (CP)

Core units 100 CP

A set of compulsory units you must complete as part of your Course

First Major units 100 CP

A structured set of 8 units or 100 credit points in a field of study specific to your course.

Component units 100 CP

Can be completed from a combination of the following:

Co-major

A structured set of 8 units or 100 credit points in a field of study outside your course which you can choose in addition to your first major.

Minor

A structured set of 4 units or 50 credit points from a field of study which you can choose in addition to a first major.

Elective

A standalone unit from any study area.

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