

FCSIT

25  
26



# STUDENT HANDBOOK

SESSION 2025/2026



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PERTEKMA Committee, session 2025/2026

# DEAN'S MESSAGE

*Dear Students,*

On behalf of our faculty and staff, it is my great pleasure to welcome you to the Faculty of Computer Science and Information Technology (FCSIT) at Universiti Malaysia Sarawak (UNIMAS) – Sarawak's only Premier Digital Tech Institute (PDTI) and your new home for discovery, growth, and transformation.

You are now part of a vibrant academic community where curiosity fuels innovation. You are joining a legacy of excellence where our courses designed to prepare you for the careers of tomorrow and we have amazing supportive ecosystem of award-winning lecturers, industry mentors and peers who will challenge and inspire you.

As you embark on this exciting journey, remember that your time here is not just about earning a degree—it's about discovering your passions, expanding your horizons, and building lifelong connections. My advice to you is to embrace every opportunity – join our research clusters, compete in global challenges and network at industry talks; think beyond code – solve real-world problems through initiatives in our service learning programmes; and above all, know that this is your journey – own it – your time here is what you make of it. Stay curious, resilient and kind.

Our faculty and staff are here to support you every step of the way. Do not hesitate to seek guidance, ask questions, and engage actively in your learning experience. Your success is our priority, and we are committed to helping you achieve your goals.

Remember that our faculty's 98% employability rate isn't just a statistic – it's proof that our graduates shape the digital future. You are next!

Once again, welcome to FCSIT, UNIMAS, we are thrilled to have you here and look forward to celebrating your achievements in the years to come!



**Professor Dr Jane Labadin**

Dean

Faculty of Computer Science and Information Technology

The UNIMAS official seal shows a tree, clasped between a pair of hands. The tree symbolizes growth and knowledge. It also represents the natural resources of Sarawak and Malaysia, including their diverse ethnic groups and cultures. The clasped hand symbolise unity in diversity, concern towards the environment and society, and optimisation of new and useful knowledge for progress. Together, the hands and the tree form the letter 'S' for Sarawak.

Selected colours evoke the Malaysia Flag; blue and red symbolise the integration of education and technology, while golden yellow reflects quality and excellence in both human resources and service development.

Introduced during the Vice Chancellor's 2015 Annual Address, the UNIMAS brand logo is created to augment the layout, composition, and presentation of the official seal, with the aim of enhancing the University's visibility.

The UNIMAS Brand Logo is used to represent our vision and mission towards global visibility and prominence, the logo should always appear as a consistent signature in our internal and external communication.





## VISION

A leading global University for a sustainable future.

## MISSION

To enhance the social and economic impacts on the global community through the pursuit of excellence in teaching, research and strategic engagement.



## VALUES

### **Exemplary**

We continuously strive to become a role models to others through outstanding conducts in both professional and personal contexts.

### **Collegiality**

We value unity. We collaborate and cooperate towards achieving collective goals for the betterment of the university.

### **Integrity**

We uphold accountability and fully commit to exceptional work ethic.

### **Tenacity**

We do not give in to hardships. We practice persistence and resilience in managing and solving challenges.

### **Equity**

We embrace differences and work towards a safe environment that values, respects, and offers fair opportunities to everyone in our community.

## University Board of Directors

**Tan Sri Datuk Seri Panglima Sulong Matjeraie**

*Chairman*

**Prof Dr Ahmad Hata Rasit**

*UNIMAS Vice Chancellor*

**Mr Ahmad Rizal Adnan**

*Deputy Director General of Higher Education (Research & International)*

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UNIMAS Senate Representative

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*Executive Director of Apex Equity Holdings Berhad*

Private Sector Representative

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*Director of Bait Al-Amanah*

Private Sector Representative

**Datu Ik @ Pahon anak Joyik**

*CEO of Greater Kuching Coordinated Development Agency (GKCDA)*

Private Sector Representative

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*Director/Founder of Grab & Go Burger, A.R Bite & Slurp Company*

Alumni Representative

**Dato' Seri (Dr) Syed Hussian Al-Junid**

*Chairman of Media Prima Group Berhad*

Knowledgeable and Experienced Representative

<https://www.unimas.my/home/the-management>

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The Faculty of Computer Science & Information Technology (FCSIT) was established back in November 1993. During its conception and early years, the faculty was known as the Faculty of Information Technology (FIT). In 2003, the decision was made to rename the faculty to Faculty of Computer Science and Information Technology (FCSIT).

We offer two types of Bachelor's Degree Programmes, as listed below:

#### **BACHELOR IN COMPUTER SCIENCE**

- Bachelor in Computer Science (Computational Science) with Honours
- Bachelor in Computer Science (Data Engineering) with Honours
- Bachelor in Computer Science (Multimedia Computing) with Honours
- Bachelor in Computer Science (Network Computing) with Honours

#### **BACHELOR IN SOFTWARE ENGINEERING**

- Bachelor of Software Engineering with Honours

We also offer Advanced Degree Programmes:

- Master in Information Technology Management (by Coursework)
- Master in Computer Science (by Coursework)
- Master of Science (by Research)
- Doctor of Philosophy (PhD by Research)

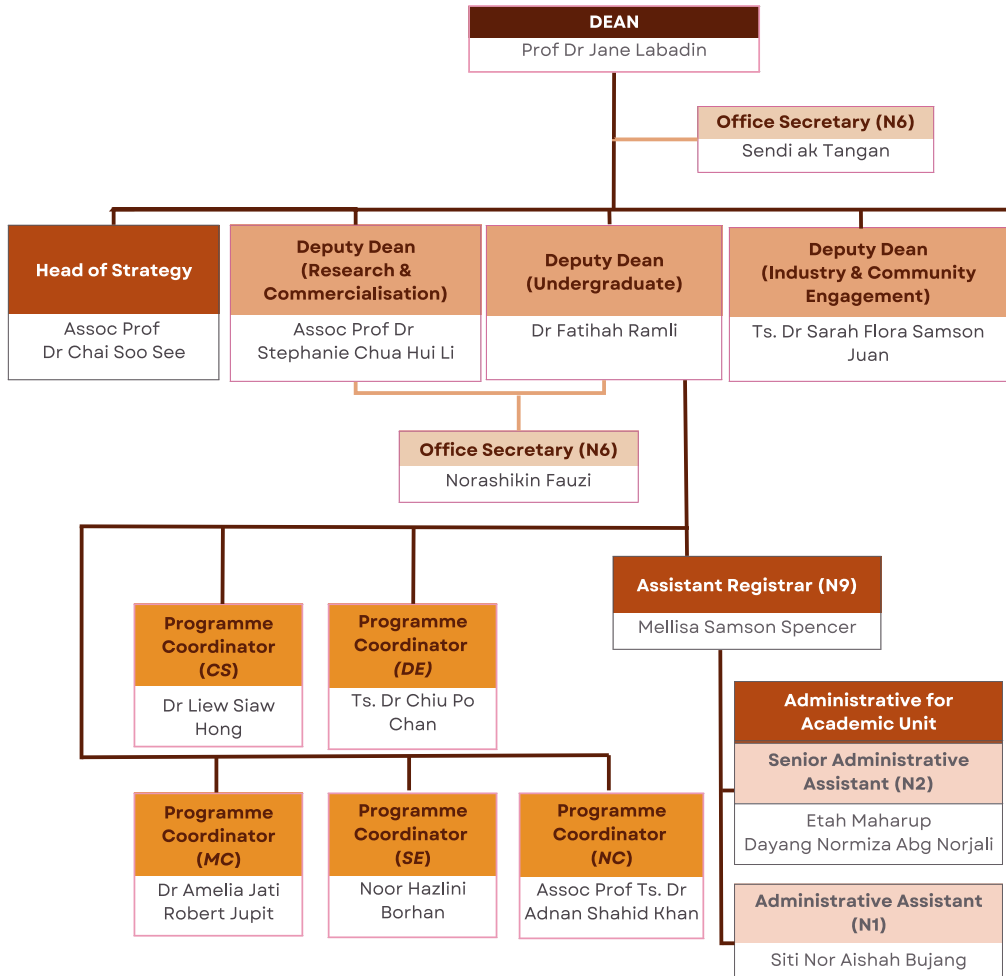
## VISION

A leading global faculty for a sustainable future in the field of computing.

To enhance the social and economic impacts on the global community through the pursuit of excellence in teaching, research, and strategic engagement in the field of computing.

## MISSION

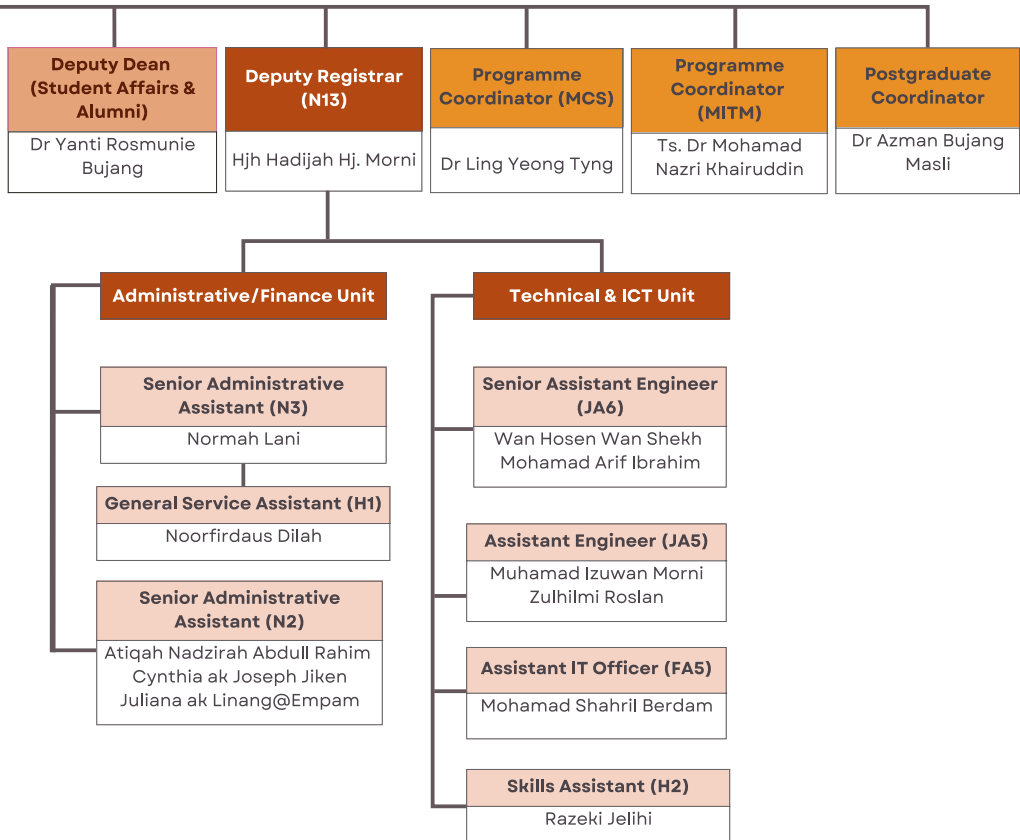
# ORGANIZATIONAL CHART



CS : Computational Science  
DE : Data Engineering  
MC: Multimedia Computing  
SE : Software Engineering

NC : Network Computing  
MCS: Master in Computer Science  
MITM: Master in Information Technology Management

# FACULTY OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY (FCSIT)



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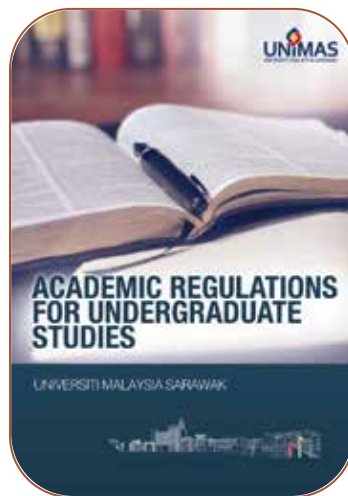
Wan Hosen Wan Shokh  
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**Academic Regulations**

Undergraduate students of the University are bounded by UNIMAS's Academic Regulations for Undergraduates.



The document is available in both Bahasa Melayu and English.

URL: [bpps.unimas.my/academic-rules-and-regulations](https://bpps.unimas.my/academic-rules-and-regulations)

**Academic Ethics**

Undergraduate students must not commit any violations of the Academic Regulations for Undergraduate Studies, and Universities and University College Act (UUCA) 1971 (Amended 2009) in Methods of Universiti Malaysia Sarawak (Students' Discipline) 1999. Academic punishments are imposed by the Disciplinary Committee (Academic). Types of punishment range from an automatic failure grade to a recommendation for semester suspension. The committee is also empowered to recommend expulsion from the University for major academic offences.

# CREDIT TRANSFER

## 1. Credit Transfer Without Grade / Vertical Credit Transfer

Whom is this for? Diploma Students.

1.1 Upon Faculty's approval, student may apply for a credit transfer without grade, subject to the following regulations:

- a) Minimum passing grade for the transferred course is Grade C;
- b) The transferred course's grade must be obtained recently, i.e., within the last FIVE (5) years;
- c) The transferred course's content must be 80% or more in term of similarity to the equated course's;
- d) Course's content may be combined from a maximum of TWO (2) courses, and the total credit hours must be equal or more than the equated course's credit hours; and
- e) The transferred course must be part of an accredited academic programme recognised by the Malaysian Qualifications Agency (MQA).

1.2 The maximum credit hours that can be transferred using this method is 50%:

Transfer of Credit Percentage (%)	Minimum Grade
1 - 30	Grade C
31 - 50	Grade B

1.3 Vertical transfer of credit without grade is not allowed for the following cases:

- a) All courses from a Foundation/Matriculation programme to a Bachelor Degree programme.
- b) Industrial Training course.
- c) General Education Subject courses (MPU), taken at Diploma level, except for the following courses under U1 Cluster':
  - i. Philosophy and Current Issues / Falsafah dan Isu Semasa
  - ii. Ethical Appreciation and Civilisation / Penghayatan Etika dan Peradaban

'If a student had successfully transferred the credits for an MPU course from U1 Cluster taken during Diploma level, he or she is exempted from taking the same MPU course but is required to register another same-credit course as a replacement. Students are advised to choose a replacement course under U3 or U4 Cluster to fulfil the total credit hours required for graduating.

## 2. Credit Transfer With Grade / Horizontal Credit Transfer

Whom is this for? Students transferring from another Degree programme (within or outside UNIMAS).

2.1 Subject to approval from the Faculty/Centre, Credit Transfer with Grade will only be allowed for the following scenarios:

- a) Students currently undertaking undergraduate programmes in UNIMAS:
  - i. Student switching his or her study programme in UNIMAS.
  - ii. Student undertaking the mobility programme.
- b) Students currently undertaking programmes in another Higher Education Institutions (HEIs):
  - i. Student from another HEI applying to continue his or her study in UNIMAS at the same level and programme.
  - ii. Student from another HEI applying to continue his or her study in UNIMAS at the same level, but under a different programme.

2.2 Upon Faculty's approval, student may apply for a credit transfer with grade, subject to the following regulations:

- a) The same regulations as listed in 2.1; and
- b) For University Elective Courses, credit transfer with grade will only be considered if the said course is part of a cluster that exclude the student's previous programme; and
- c) For students transferring from another HEI, the credit transfer with grade application is subjected to the minimum residential year ruling.

2.3 No limit of credit transfer is set, except for academic programmes that are accredited by professional bodies, in which the limit is subjected to the standards set by the mentioned professional bodies.

2.4 Grade obtained by the previous course is given to the approved course during credit transfer. The grade is then used for CGPA calculation.

2.5 Credit transfer with grade IS NOT ALLOWED for students who was dismissed from their studies due to academic failure.

2.6 Please visit **[inafs.ia.unimas.my](http://inafs.ia.unimas.my)** for credit transfer applications.

1. A course's assessment is typically structured using a 60:40 or 70:30 split between Continuous Assessment(s), CA, and Final Assessment(s), FA.
  - a) CAs are usually carried out continuously through evaluations (written / oral), assignments and other forms of course work.
  - b) FAs are typically in the form of a paper-based exam.
  - c) Students must pass both CA and FA.
  - d) Students will be prevented from taking an exam for a course if he or she does not meet the attendance requirements to teaching and learning activities set by the University; or does not a final examination slip.
2. Appeal for Re-assessment:
  - a) Students are allowed to submit a formal appeal for their Final Assessments' total mark. The final assessment(s) will be re-graded by a third party. However, re-check does not apply to the following components:
    - i) Final Year Project
    - ii) Alternative Assessment
    - iii) Continuous Assessment
    - iv) Mid-Semester Examination
    - v) Industrial Training / Practicum / Internship
  - b) Qualified students\* may sit for Penilaian Ulangan Khas (PUK). The PUK exam replaces the Final Assessment component of the total mark.
  - c) The third option is to repeat a course. Please consult your Programme Coordinator on course availability for a particular semester.
  - d) Please visit **[inafs.aa.unimas.my](http://inafs.aa.unimas.my)** to submit an appeal for reassessment.

\* Final year students with 9 credit hours or less to graduate.

# GRADING SYSTEM

1. All assessments measure at least one of the stated Course Learning Outcomes (CLOs). The total mark determines the Course Grade. Course grades are endorsed by Jawatankuasa Akademik Fakulti and later approved by the University Senate. Once Senate approval is issued, the Course Grades are final.
2. Grade and grade point, effective for 2015/2016 cohort onwards.

Table 1 : Grade and grade point

Grade	Range	Grade Point	Classification
A	80 - 100	4.00	Excellent
A-	75 - 79	3.67	
B+	70 - 74	3.33	Credit
B	65 - 69	3.00	
B-	60 - 64	2.67	Pass
C+	55 - 59	2.33	
C	50 - 54	2.00	
C-	45 - 49	1.67	
D	40 - 44	1.00	Fail
F	<40	0.00	

## 3. All possible course status classifications:

Table 2 : Course status classification

Classification	Remarks
L/G Pass/Fail	Given to a particular course where result is not graded but only given Pass or Fail status. Credit is taken into account for graduation purposes unless credit for Remedial Courses.
TL (Incomplete)	Given with Senate approval to the course can not resolve course requirements for reasonable reasons. Students need to complete the requirements completely by the fourth week (4th) after the end of the semester to obtain a full and grade assessment. If the student still has a grade classification of TL in the assessment of a semester, students can not be given the Dean and GB award. The results of the assessment generated are not final. For industrial training courses only, the period is extended to the eighth week (8th) after the semester ends to obtain full assessment and grade.
TLK (Incomplete Special)	Given with the Senate approval to a course that does not fulfil the full course requirements after the fourth (4th) week upon the ending of a semester but does not exceed two semesters with acceptable reasons.
PK (Transfer of Credit Without Grade)	This symbol is recorded in student transcripts for a list of courses that obtained credit transfer approval from the Dean of the Faculty.
PG (Transfer of Credit with Grade)	This symbol is recorded in the slip/ transcript of the student for a list of approved credit transfer.
U (Audit)	Status and U Grade will be given to students who register and attend Audit courses (U) with at least 80% and above attendance. Registration or exchange of status to the Audit course shall be made before or in the fourth (4th) week of the semester.
KK (Health Problem Case)	Given to students who defer their studies for a semester due to medical-related cases based on a medical report recognised by the University.
TD (Withdrawal)	Given to students who have been approved to voluntarily stop pursuing studies at UNIMAS.

KT (Additional Course)	Given to the course attended by students as an addition to the core courses. Students attend and complete assessment for the course. The grade point for this course will be taken into account in the calculation of GPA and CGPA but the number of additional course credits is not taken into account for the purpose of graduation. Registration or exchange of status to Additional Courses shall be made by the second week (2nd) of a semester.
Rn (Repeat Course)	This symbol is recorded in the semester results slip for the repeated course after being taken but failed. The n symbol after the letter r shows the amount of times the course has been repeated.
KBn (Repair Course)	This symbol is recorded in the semester results slip for courses taken to improve grades of course taken before. The best grade will be taken into account for GPA and CGPA calculations. The n symbol after the letter KB shows the amount of times the course has been retaken.

## ACADEMIC SESSION

1. A single Academic Year consists of two 17-week Semesters and one Intersession. Programme and Specialisation Core are not offered during Intersession, except for extenuating circumstances. Always refer to BPPs's website for the latest Academic Calendar.  
URL: [bppps.unimas.my/academic-calendar](http://bppps.unimas.my/academic-calendar)
2. Duration of study for all BCS and BSE programmes is 4 Years / 8 Semesters.
3. A semester consists of 14+3 weeks, see next page.

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## GPA & CGPA

Grade point average (GPA) is an indicator of a student performance for a particular semester. Cumulative grade point average (CGPA) is an indicator of a student performance, averaged across completed semesters.

### Grade Point Average (GPA)

$$\text{GPA} = \frac{\text{Total Grade Point for the semester}}{\text{Total Credit for all courses for the semester}}$$

Whereby;

Total Grade Value = Grade Value X Course Credit

### Cumulative Grade Point Average (CGPA)

$$\text{PNGK} = \frac{\text{Total for all grade point in a semester}}{\text{Total for all Credit of all courses for the semester}}$$

## COURSE ADD / DROP

1. At the beginning of each Semester, after completing your Student Registration, please register for Courses listed in your Study Plan. To register, please visit the following URL: **estudent.unimas.my**. Always check the Semester's timetable to ensure that there are no time slot clashes.
2. You must register a minimum of 8 credits and a maximum of 20 credits each Semester. For students with CGPA 2.50 and below, the maximum is capped at 15 credits per Semester. You need to apply for permission from the Dean to register out-of-range credits (max is 22 credits). Typically, the deadline to apply 'Permohonan Luar Julat' is before the end of Week 2. Please visit **inafs.aa.unimas.my** to submit your application.
3. You may drop a course before the end of Week 4. If you plan to drop a course within Week 5 and Week 8, a MYR100 penalty per course will be imposed. Drop course is no longer allowed after Week 8.

# ACADEMIC STATUS

At the end of a Semester, a student is given one of the following Academic Statuses:

- a) Lulus (L) – Passed all courses and obtained a CGPA of 2.00 or higher.
- b) Lulus Mengulang Kursus (LMK) – Obtained a CGPA of 2.00 or higher but had failed at least one course. Must repeat the failed Course(s) before graduating.
- c) Lulus Bersyarat (LB) – Obtained a CGPA between 1.75 and 1.99. The student must improve his or her CGPA next semester to 2.00 or higher. Failure to do so (i.e., two successive LB semesters) will result to a GB status.
- d) Gagal dan Diberhentikan (GB) – Obtained a CGPA less than 1.75 or failed to improve CGPA to 2.00 or higher after obtaining an LB status during the previous semester.



# PASSING RULE FOR PROGRAMME CORE & SPECIALISATION CORE

Effective from Semester 2 2018/2019, all FCSIT Undergraduate Students are subjected to a new passing rule for Programme Core and Programme Specialisation Courses. The rule is explained below:

Student must achieve at least 20% of the sub- total for Continuous Assessment(s); and at least 20% of the sub- total for Final Assessment(s),



The sum of marks for Continuous and Final Assessment(s) is equal or higher than 45/100 (C-).

The rule does not apply to Generic/Remedial/Reinforcement Courses, General Education Courses (MPUs) and University Elective Courses (KEUs).

For Example:

Student A, B, C and D are taking Course XYZ. The total mark is split 60:40, i.e., 60 marks for Continuous assessment(s), CA, and 40 marks for Final assessment(s), FA.

To pass the course, each student must fulfil the following condition<sup>1/2</sup>:

20% of 60,  
Obtained a  
minimum of  
12 marks for  
CA



20% of 40,  
Obtained a  
minimum of 8  
marks for FA



CA + FA must  
be 45/100  
(C-) or  
higher

<sup>1</sup> As approved during the 176th UNIMAS Senate meeting.

<sup>2</sup> As stated in the Malaysian Qualifications Agency's Program Standards: Computing

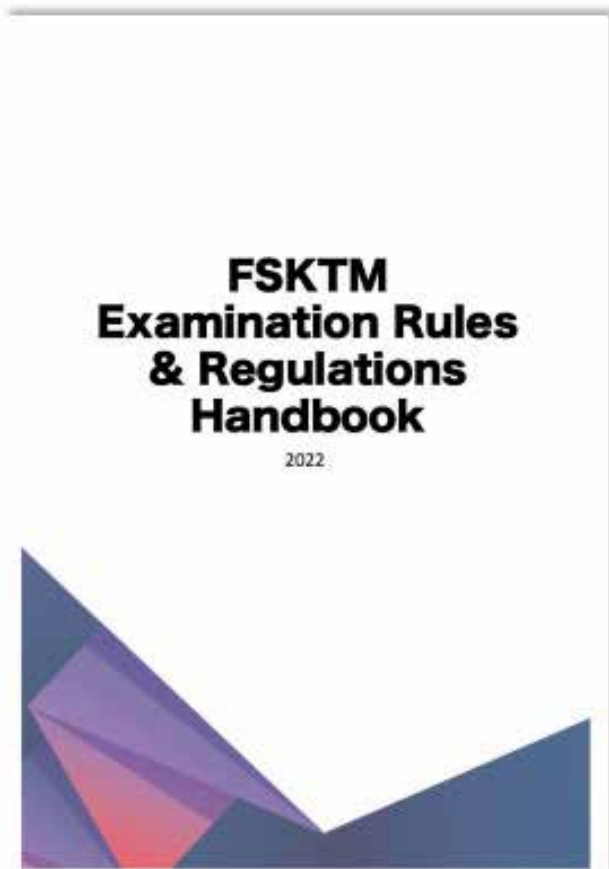
Consider the following scenarios;

Table 3 : Senarios of passing rules

	CA(s)	FA(s)	Total Mark	Outcome
Student A	12/60	8/40	20/100	Fail with Grade F. Total is less than 45/100
Student B	7/60	40/40	47/100	Fail with Grade D. Student did not obtain the minimum passing mark for CA(s)
Student C	50/60	8/40	58/100	Pass with Grade C+
Student D	59/60	0/40 (Absent)	59/100	Fail with Grade D. Student did not obtain the minimum passing mark for Final Assessment(s).  Absent from Final Exam - Not eligible to sit for PUK (UNIMAS Academic Regulation # 10.4.3)

# EXAMINATION RULES & REGULATIONS

- ◆ Faculty Examboard Committee (JK Peperiksaan Fakulti) are responsible in producing and updating the Examination Rules and Regulations Handbook. The document is available for download at the Faculty's website. Failure to observe the stated rules and regulations may lead to an Academic Ethics violation.
- ◆ Students with less than 80% attendance may be barred from the Final Exam/Assessment, subject to the Course Coordinator's decision (Mesyuarat Fakulti Bil. 2/2023).



Our computer labs are open to:

- ◆ Registered FCSIT students.
- ◆ UNIMAS students taking our Faculty's courses.
- ◆ UNIMAS students with a written permission from the Faculty's Assistant Registrar or Information System Officer.

Note: UNIMAS Single-ID is required to access the computers.

Opening hours (subject to change during Semester break):

Monday - Thursday	8:00 am – 1:00 pm 2:00pm – 5:00 pm
Friday	8:00 am – 12:00 pm 2:30pm – 5:00 pm

List of computer labs for Undergraduate students:

Lab Name	Block
Multimedia Lab 1 (MM 1)	Level G, Block A
Multimedia Lab 2 (MM 2)	Level G, Block A
Network Lab 1 (Net 1)	Level 1, Block A
Network Lab 2 (Net 2)	Level 1, Block A
Artificial Intelligence Lab (AI Lab)	Level 1, Block A

Lab Name	Block
General Lab 2	Level LG, Block B
Teaching Lab 1	Level LG, Block B
Teaching Lab 2	Level LG, Block B
Information System Lab (IS Lab)	Level G, Block B
Computational Science Lab (CS Lab)	Level G, Block B
Final Year Project Lab (FYP Lab)	Level G, Block B

### COMPUTER LABS AND RULES

- a) Ensure your Matric card is visible at all times.
- b) Wear proper attire adhering to UNIMAS's guidelines.
- c) Do not bring any bags to the computer desk. Place them at the designated shelves.
- d) Do not bring any food or drinks inside.
- e) Do not make/receive any phone call when inside the lab.
- f) Do not alter the computer default settings without prior permission from the Lab Technician.
- g) Do not install any software or drivers without prior permission from the Lab Technician.
- h) Do not remove or relocate any computer equipment, wires, cables et cetera without prior permission from the Lab Technician.
- i) Faulty hardware must be reported to the Lab Technician at once. Student at fault is responsible to replace any damaged or lost equipment.
- j) Switch off the computer after use.
- k) If you wish to bring in your own personal devices, e.g., laptops, sensors, Arduinos, Raspberry Pi et cetera, please register the device with the Lab Technician first.

Please abstain from doing any actions that may damage the lab facilities and/or the Faculty's network such as introducing viruses, installing malware and performing network attack of any kind. Disciplinary action awaits caught offenders.

## THE STUDENT HUB

HANGOUT UNWIND BRAINSTORM



**THE STUDENT HUB (TSH)** is located at Block B, Ground Floor. The Student Hub is a designated room for FCSIT students to socialise and perform collaborative work in a relaxing and casual manner.

The room is equipped with tables and chairs, sofas and bean bags. You can also use the whiteboards, board games and free-to-use text books. A paid printing service is also available upon request.

TSH is managed by PERTEKMA ExcOs. The regular opening hours are 8.30am-5pm. The opening hours can be extended by request.



At FCSIT, there are SEVEN (7) recognised course types:

Table 4 : FCSIT seven course types

Course Types	Example
Remedials	TMF1892 Mathematics Foundation
Reinforcement	PPD 1041 Soft Skill & Basic Volunteerism
Generics	PBM2072 Malay Language  {PBI 1102 Academic English 1 and PBI1072 English for Professional Communication} or {PBI 1092 Academic English 2 and PBI1082 English for Occupational Purposes}
General Studies	MPU XXXX
Programme Cores	TMF XXXX
Specialisation Cores	TMS / TMI / TMT / TMA / TMN
Electives / KEUs	See next page

Generics, Remedials, Reinforcements and MPUs are University courses offered to all UNIMAS's Undergraduate Students; Programme Cores are compulsory to all FCSIT's students; Specialisation Cores are programme-specific courses; and Electives/KEUs are courses from other Faculties that are open to FCSIT's students.

## ELECTIVES / KEUs

The implementation of the University Elective Module is as follows:

- Involves all undergraduate academic programs at UNIMAS.
- Consists of a total of nine (9) credits and will be offered from Semester 1, Session 2019/2020. [register THREE (3) electives].
- Students MUST register university elective courses offered outside the program to meet the objective of enhancing their experience and ability to develop cross-disciplinary knowledge.
- \*Effective from Semester 1 of the 2024/2025 Academic Session, the limit conditions for elective course clusters have been abolished. This change applies to all student cohorts, regardless of their year of admission.
- Students are now allowed to register for elective courses from any category listed in the table below, without restriction. Any changes or dropping of courses in the university elective courses is subject to the requirements of the existing schedule of work process.
- In the event of programme transfer, elective courses that have been taken and passed can be carried forward for grade transfer.

Table 5 : University elective modules

Kluster	Kategori	Kod dan Nama Kursus (Bahasa Melayu)	Kod dan Nama Kursus (Bahasa Inggeris)	Semester Penawaran	Fakulti
1	Sains, Teknologi dan Perubatan Science, Technology and Medicine	BEU1013 Anatomi Bangunan dan Asas Anggaran	BEU1013 Building Anatomy and Basic Estimating	1	Fakulti Alam Bina (FAB)
		BEU1033 Asas Alam Bina	BEU1033 Fundamentals of the Built Environment	2	Fakulti Kejuruteraan (FK)
		KNU1093 Sumber Air dalam Pembangunan Komuniti	KNU1093 Water Resources in Community Development	1 & 2	
		KNU 1033 Tenaga, Persekitaran Dan Masyarakat	KNU 1033 Energy, Environment and Society	1	
		KNU 1053 Pengurusan Keselamatan Di Tempat Kerja	KNU 1053 Safety Management in Workplace	2	
		KNU1103 Pengenalan kepada Sistem Kuasa Hidro	KNU1103 Introduction to Hydro Power System	2	
		KNU1073 Pengenalan kepada Sistem Solar Photovoltaic	KNU1073 Introduction to Solar Photovoltaic System	1	
		KNU1013 Pengenalan Kepada Teknologi Hijau	KNU1013 Introduction to Green Technology	1	
		KNU1023 Jurutera Dalam Masyarakat	KNU1023 Engineers In Society	2	

	STU1033 Sains Akuatik dan Kehidupan Harian	STU1033 Aquatic Science and Daily Life	1 & 2	Fakulti Sains dan Teknologi Sumber (FSTS)
	STU1013 Pengantar Bioteknologi	STU1013 Introduction to Biotechnology	1 & 2	
	STU1043 Pengenalan Kepada Fisiologi Tumbuhan	STU1043 Introduction to Plant Physiology	1 & 2	
	STU2063 Industri Eko-Pelancongan di Malaysia	STU2063 Ecotourism Industry in Malaysia	1 & 2	
	STU2073 Pengurusan Sumber Asli	STU2073 Natural Resource Managements	1 & 2	
	MDU1123 Pengenalan Masalah Pembelajaran	MDU 1123 Introduction to Learning Disabilities	1	Fakulti Perubatan dan Sains Kesihatan (FPSK)
	MDU1033 Gaya Hidup Sihat	MDU 1033 Healthy Lifestyle	1	
	MDU1043 Pengantar Entomologi Perubatan	MDU 1043 Introduction to Medical Entomology	2	
	MDU1073 Pengenalan kepada Fisiologi Bioperubatan	MDU 1073 Introduction to Biomedical Physiology	1	
	MDU1083 Pengenalan kepada Tingkahlaku dan Kesihatan	MDU 1083 Introduction to Health and Behaviour	1 & 2	
	MDU1013 Asas Pertolongan Cemas	MDU 1013 Basic First Aid	2	
	MDU1023 Pengantar Genetik Perubatan	MDU 1023 Introduction to Medical Genetics	2	
	MDU1053 Pengenalan Kepada Parasitologi Perubatan	MDU1053 Introduction to Medical Parasitology	1	
	MDU1133 Pengenalan Kepada Promosi Kesihatan Berasaskan Komuniti	MDU1133 Introduction to Community-Based Health Promotion	1	
	KMU1053 Teori dan Konsep: Interaksi Manusia Komputer	KMU1053 Theories and Concepts: Human Computer Interaction	1	Fakulti Sains Kognitif dan Pembangunan Manusia (FSKPM)
	TMU1013 Pengenalan kepada Teknologi Komputer	TMU1013 Introduction to Computer Technologies	1 & 2	Fakulti Sains Komputer dan Teknologi Maklumat (FSKTM)
	TMU1023 Etika dalam Teknologi Maklumat	TMU1023 Ethics in Information Technology	1 & 2	
	TMU1043 Teknologi Multimedia	TMU1043 Multimedia Technology	1 & 2	
	TMU1053 Matematik dalam Kehidupan Sehari-hari	TMU1053 Mathematics in Daily Life	1 & 2	
	TMU1063 Asas Kecerdasan Buatan	TMU1063 Artificial Intelligence Fundamental	1 & 2	

2	Sains Sosial dan Kemanusiaan Social Science and Humanities	SSU1013 Asas Sains Sosial	SSU1013 Basics of Social Science	1 & 2	Fakulti Sains Sosial dan Kemanusiaan (FSSK)
		SSU1023 Asas Antropologi dan Sosiologi	SSU1023 Basics of Anthropology and Sociology	1 & 2	
		SSU1033 Pengantar Psikologi	SSU1033 Introduction to Psychology	1 & 2	
		SSU1053 Pengantar Interaksi Sosial	SSU1053 Introduction to Social Interaction	1 & 2	
		KMU1013 Hubungan Menolong	KMU1013 Helping Relationship	1 & 2	Fakulti Sains Kognitif dan Pembangunan Manusia (FSKPM)
		KMU1063 Pengenalan Kesihatan Mental	KMU1063 Introduction to Mental Health	1	
3	Perniagaan dan Pengurusan Business and Management	EBU1063 Pengurusan Wang Bijak	EBU1063 Smart Money Management	1 & 2	Fakulti Ekonomi dan Perniagaan (FEP)
		EBU2043 Pengenalan Kepada Harta Intelek	EBU 2043 Introduction to Intellectual Property	1 & 2	
		EBU1023 Pengurusan Akaun Perniagaan Kecil	EBU 1023 Managing Small Business Accounts	1 & 2	
		EBU1053 Pengurusan Perniagaan Dalam Talian	EBU 1053 Online Business Management	1 & 2	
		EBU1033 Persekitaran Ekonomi Malaysia	EBU1033 Malaysian Economics Environments	1 & 2	
		KMU1023 Pengenalan Pembangunan Sumber Manusia	KMU1023 Introduction to Human Resource Development	2	Fakulti Sains Kognitif dan Pembangunan Manusia (FSKPM)
4	Seni Kreatif dan Reka Bentuk Creative Arts and Design	GKU1013 Drama dan Teater Maden Melayu Malaysia	GKU1013 Modern Malay Drama and Theatre of Malaysia	1	Fakulti Sains Gunaan dan Kreatif (FSGK)
		GKU1033 Fotografi Digital dan Imej Media Sosial	GKU1033 Digital Photography and Social Media Imaging	1	
		GKU1043 Sejarah Sinema Malaysia	GKU1043 History of Malaysian Cinema	1	
		GKU1053 Sejarah Drama dan Teater	GKU1053 History of Drama and Theater	2	
		GKU1063 Pengenalan Kepada Asas Muzik	GKU1063 Introduction to Basic Music	2	
		GKU1083 Pengenalan Pengarahan Pentas	GKU1083 Introduction to Stage Directing	2	
		GKU1093 Asas Lukisan Figura	GKU1093 Basic Figure Drawing	1	
		BEU1023 Lakaran Kreatif	EU1023 Creative Sketches	1	Fakulti Alam Bina (FAB)

5	Linguistik dan Komunikasi Linguistic and Communication	PBU1133 Bahasa Arab 1	PBU1133 Arabic Language Level 1	1 & 2	Fakulti Bahasa dan Komunikasi (FBK)
		PBU1043 Bahasa Jepun 1	PBU1043 Japanese Language Level 1	1 & 2	
		PBU1073 Bahasa Perancis 1	PBU1073 French Level I	1 & 2	
		PBU1103 Bahasa Mandarin 1	PBU1103 Mandarin Level 1	1 & 2	
		PBU0033 Bahasa Iban untuk Komunikasi	PBU0033 Iban for Communication	1 & 2	
		PBU2143 Bahasa Arab 2	PBU2143 Arabic Language Level 2	1 & 2	
		PBU2053 Bahasa Jepun 2	PBU2053 Japanese Language Level 2	1 & 2	
		PBU2083 Bahasa Perancis 2	PBU2083 French Level 2	1 & 2	
		PBU2113 Bahasa Mandarin 2	PBU2113 Mandarin Level 2	1 & 2	
		PBU3153 Bahasa Arab 3	PBU3153 Arabic Level 3	1 & 2	
		PBU3063 Bahasa Jepun 3	PBU3063 Japanese Language Level 3	1 & 2	
		PBU3093 Bahasa Perancis 3	PBU3093 French Level 3	1 & 2	
		PBU3123 Bahasa Mandarin 3	PBU3123 Mandarin Level 3	1 & 2	

Notes: Senat Bil.08/2024

# GENERIC, REMEDIAL & REINFORCEMENT COURSES

1. All undergraduate students in UNIMAS must register a set of Generic / Remedial / Reinforcement courses, refer to each programme's Curriculum Structure.
2. Students undertaking any uniform body courses (must complete Training 1, 2 and 3) are exempted from taking both Soft Skills & Basic Entrepreneurship and MPU Credited Co-Curriculum. Students may opt to continue their Uniform Body training 4, 5 and 6 in order to qualify for commissioning. However, students who do not fulfill the THREE (3) credit hours must undertake either one of the followings: Soft Skills & Basic Entrepreneurship or MPU Credited Co-Curriculum.
3. Scoring and grade will be awarded for all Generic/Remedial/Reinforcement courses except for Soft Skills & Basic Entrepreneurship, which are graded with either a Pass or Fail.

Table 6 : List of UNIMAS's General Courses for Session 2020/2021 and onwards  
(Total credit = 26)

Pelajar Warganegara Local Students			Pelajar Bukan Warganegara International Students		
Kod Kursus	Kursus	Semester ditawarkan	Course Code	Course Name	Offering Semester
PPD1041	Kemahiran Insaniah dan Asas Kesukarelawanan  <i>Softskill &amp; Basic Volunteerism</i>	Tahun 1 Semester 1	PPD1014	Kemahiran Insaniah dan Asas Kesukarelawanan  <i>Softskill &amp; Basic Volunteerism</i>	Year 1 Semester 1
PBM2072	Bahasa Melayu  <i>Malay Language</i>	1 & 2	PBM2082	Bahasa Melayu Komunikasi Lanjutan  <i>Advanced Malay Language for Communication</i>	1 & 2
Rujuk Jadual 4 & 5	Kursus Bahasa Inggeris (2 Kursus 4 Kredit) (Rujuk Jadual 5 untuk senarai kursus)	1 & 2	Refer to Table 4 & 5	English Language Courses (2 courses-4 credit hours) (Refer to Table 5 list of courses offered)	1 & 2

All students are required to complete a set of General Studies or Mata Pelajaran Pengajian Umum (MPU) subjects. MPU is designed to enhance the student's knowledge and skills beyond the academic disciplines. Students are required to complete a total of 10 credits. Please refer to Table 7 and Table 8 for the list of the MPU courses:

Table 7 : List of MPU Course DIPLOMA Level (Total Credit: 8)

Pelajar Warganegara Local Students				Pelajar Bukan Warganegara International Students		
Kelompok	Kod Kursus	Kursus	Semester ditawarkan	Course Code	Course Name	Offering Semester
U1	MPU2112	Falsafah dan Isu Semasa <i>Philosophy and Current Issues</i> (2 kredit)	2	MPU2122	Falsafah dan Isu Semasa <i>Philosophy and Current Issues</i> (2 kredit),	2
	MPU2122	Penghayatan Etika dan Peradaban <i>Appreciation of Ethics and Civilization</i> (2 kredit)	1			
U2	MPU2212	Asas Pembudayaan Keusahawanan <i>Foundation of Entrepreneurship Inculturation</i> (2 Kredit)	1 & 2	MPU2212	Asas Pembudayaan Keusahawanan <i>Foundation of Entrepreneurship Inculturation</i> (2 kredit)	1 & 2
U3	MPU2312	Warisan Nusa <i>National Heritage</i> (2 kredit)	1 & 2	MPU2322	Budaya dan Etnisiti Malaysia <i>Malaysian Culture and Ethnicity</i> (2 kredit)	2
U4	MPU2412	Kokurikulum Berkredit (Kesukarelawanan) <i>Credited Co-curricular (Volunteerism)</i> (2 kredit), ATAU	2	MPU2412	Kokurikulum Berkredit (Kesukarelawanan) <i>Credited Co-curricular (Volunteerism)</i> (2 kredit), OR	2
	MPU2422	Kokurikulum Berkredit (Sukan) <i>Credited Co-curricular (Sports)</i> (2 kredit)		MPU2422	Kokurikulum Berkredit (Sukan) <i>Credited Co-curricular (Sports)</i> (2 kredit)	

**Table 8 : List of MPU Course BACHELOR DEGREE Level (Total Credit: 10)**

Pelajar Warganegara Local Students				Pelajar Bukan Warganegara International Students		
Kelompok	Kod Kursus	Kursus	Semester ditawarkan	Course Code	Course Name	Offering Semester
U1	MPU3192	Penghayatan Etika dan Peradaban <i>Appreciation of Ethics and Civilization</i> (2 kredit), DAN	1	MPU3142	Bahasa Melayu Komunikasi 2 <i>Malay Language for Communication 2</i> (2 kredit) OR	1 & 2
	MPU3182	Falsafah dan Isu Semasa <i>Philosophy and Current Issues</i> (2 kredit)	2	MPU3182	Falsafah dan Isu Semasa <i>Philosophy and Current Issues</i> (2 kredit)	2
U2	MPU3222	Asas Pembudayaan Keusahawanan <i>Foundation of Entrepreneurship Inculturation</i> (2 kredit)	1 & 2	MPU3222	Asas Pembudayaan Keusahawanan <i>Foundation of Entrepreneurship Inculturation</i> (2 kredit)	1 & 2
U3	MPU3372	Integriti dan Anti- Rasuah (KIAR) <i>Integrity and Anti- Corruption</i> (2 kredit)	1 & 2	MPU3342	Budaya dan Etnisiti Malaysia <i>Malaysian Culture and Ethnicity</i> (2 kredit)	2

## GENERIC, REMEDIAL & REINFORCEMENT COURSES

U4	MPU3432	Kokurikulum Berkredit (Daya Usaha dan Inovasi) <i>Credited Co-curricular (Initiative and Innovation)</i> (2 kredit), ATAU	2	MPU3432	Kokurikulum Berkredit (Daya Usaha dan Inovasi) <i>Credited Co-curricular (Initiative and Innovation)</i> (2 kredit), OR	2
	MPU3442	Kokurikulum Berkredit (Kebudayaan) <i>Credited Co-curricular (Culture)</i> (2 kredit), ATAU		MPU3442	Kokurikulum Berkredit (Kebudayaan) <i>Credited Co-curricular (Culture)</i> (2 kredit), OR	
	MPU3452	Kokurikulum Berkredit (Kepimpinan) <i>Credited Co-curricular (Leadership)</i> (2 kredit), ATAU		MPU3452	Kokurikulum Berkredit (Kepimpinan) <i>Credited Co-curricular (Leadership)</i> (2 kredit), OR	
	MPU3462	Kokurikulum Berkredit (Kesukarelawanan) <i>Credited Co-curricular (Volunteerism)</i> (2 kredit), ATAU		MPU3462	Kokurikulum Berkredit (Kesukarelawanan) <i>Credited Co-curricular (Volunteerism)</i> (2 kredit), OR	
	MPU3472	Kokurikulum Berkredit (Keusahawanan) <i>Credited Co-curricular (Entrepreneurship)</i> (2 kredit), ATAU		MPU3472	Kokurikulum Berkredit (Keusahawanan) <i>Credited Co-curricular (Entrepreneurship)</i> (2 kredit), OR	
	MPU3482	Kokurikulum Berkredit (Khidmat Komuniti) <i>Credited Co-curricular (Community Service)</i> (2 kredit), ATAU		MPU3482	Kokurikulum Berkredit (Khidmat Komuniti) <i>Credited Co-curricular (Community Service)</i> (2 kredit), OR	

	MPU3492	Kokurikulum Berkredit (Sukan) <i>Credited Co-curricular (Sports)</i> (2 kredit), ATAU	2	MPU3492	Kokurikulum Berkredit (Sukan) <i>Credited Co-curricular (Sports)</i> (2 kredit), OR	2
	MPU34102	Kokurikulum Berkredit (Pengucapan Awam) <i>Credited Co-curricular (Public Speaking)</i> (2 kredit)		MPU34102	Kokurikulum Berkredit (Pengucapan Awam) <i>Credited Co-curricular (Public Speaking)</i> (2 kredit)	
	Rujuk Jadual 5	Mana-mana kursus Badan Beruniform daripada Agensi yang sama (Minimum 2 kredit)	1 & 2			

Notes : Dok.6.6/191- Senat Bil.06/2020 Ke-191

Table 9 : Remedial Courses Categories

Kod Kursus Course Code	Nama Kursus Course Name	Catatan Remark	Jumlah Kredit Credit Hours	Semester	Catatan Remark
*PPD1041	Kemahiran Insaniah dan Asas Kesukarelawanan <i>Softskill &amp; Basic Volunteerism</i>	Semua Pelajar (warganegara dan bukan warganegara)  <i>All students (local and international students)</i>	1	1	Bagi pelajar yang kursus Badan Beruniform <b>DIKECUALIKAN</b> daripada mengambil kursus ini dan kursus kokurikulum Berkredit dengan jumlah 3 kredit  <i>Students enrolled in the Uniformed Body course are *EXEMPTED from taking this course as well as the Credit Co-Curriculum course for a total of three credits.</i>
*TMF1892	Mathematics Foundation	Semua Pelajar (warganegara)  All students (local )	2	1	Wajib untuk pelajar yang tidak pernah mengambil matapelajaran Matematik Tambahan semasa SPM/STPM/Diploma.  COMPULSORY for all students who did not take Additional Mathematics at SPM/STPM/Diploma level.
Pelajar hanya perlu melengkapkan kursus (Remedial) Jumlah Kredit=1					
<i>Student must complete remedial courses. Total = 1</i>					

Generic development courses are general university courses aimed at developing the students' mind, attitude, and personality, students are required to complete a total of 4 credits only. Please refer to Table 10 for the choices of the Generic Development Courses that are available:

**Table 10 : List of Generic Courses for Session 2020/2021 and onwards (Total Credit=4)**

Pelajar Warganegara Local Students		Pelajar Bukan Warganegara International Students	
Kelayakan Masuk BI	Kursus Courses	Kelayakan Masuk BI English Language Requirement	Kursus Courses
MUET Band ≤ 3.5	PBI1102 Academic English I DAN PBI1072 English for Professional Communication	MUET Band <3.5/ IELTS 5.0/ TOEFL iBT 35/ Pearson Test of English 47/ Cambridge English Qualifications Test 154	PBI1102 Academic English 1, AND PBI1072 English for Professional Communication
MUET Band ≥ 4.0	PBI1092 Academic English II DAN PBI1082 English for Occupational Purposes	MUET Band >4.0/ IELTS 6/ TOEFL iBT 60/ Pearson Test of English 59/ Cambridge English Qualifications Test 169	PBI1092 Academic English II, AND PBI1082 English for Occupational Purposes

# ENGLISH COURSES

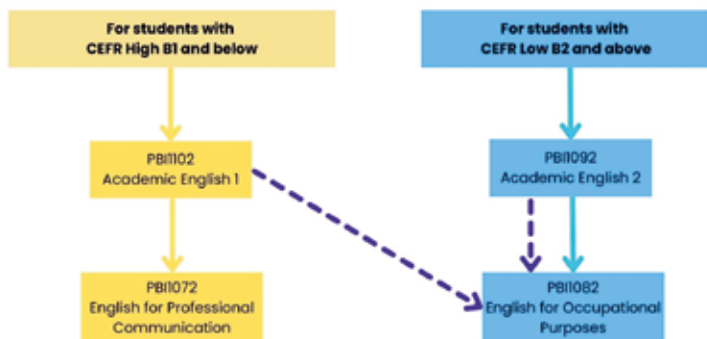
English Language Courses in UNIMAS are offered by the Faculty of Education, Language and Communication (FELC). Please register the English Language Courses as required based on your MUET band / IELTS band / Intensive English Course Grade / or any equivalent.

Table 11 : English courses and target groups

Target Group	Course	Type/Credit Hours	Remarks
MUET Band ≤ 3.5, or equivalents	PBI102 Academic English 1	Generic / 2 credits	Offered in Semester 1*
	PBI1072 English for Professional Communication	Generic / 2 credits	Offered in Semester 2*
MUET Band ≥ 4.0, or equivalents	PBI1092 Academic English 2	Generic / 2 credits	Offered in Semester 1*
	PBI1082 English for Occupational Purposes	Generic / 2 credits	Offered in Semester 2*

Subject to changes. Please be vigilant for any announcements from FELC at the beginning of each Semester.

# ENGLISH COURSES STRUCTURE FOR 2024/2025 INTAKE ONWARDS



**Note**

- International students with conditional offer must pass PBI0040 Intensive English Language Programme and/or obtain CEFR High B1 and above.

---> Only for medical students

**Jadual 1: Penyetaraan Ujian-Ujian Kompetensi Bahasa Inggeris**

English Competency		CEFR Basic A1 & A2	CEFR Low B1	CEFR Mid B1	CEFR High B1	CEFR Low B2	CEFR Mid B2	CEFR High B2-C1
MUET		Band 1 to 2.5	Band 3.0	Band 3.0	Band 3.5	Band 4.0	Band 4.0	Band 4.5-5+
IELTS		*	4.0	4.5	5.0	5.5	6.0	6.5-9.0
TOEFL	IBT	*	20-24	25-27	28-30	31-33	34-36	38-40
	Essentials (Online)	*	5-6.0	6.5-7	7.5	8	8.5-9	9.5-12
Pearson Test of English		*	36-42	43-46	47-50	51-58	59-62	63-90
Cambridge English Qualifications and Tests	CEQ1 - B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency	*	140-146	147-153	154-159	160-168	169-175	>176
	CEQ2 - Linguaskill Online	*	140-146	147-153	154-159	160-168	169-175	>176
	CEQ3 - Occupational English Test (OET) (Conventional/Online)	*	*	*	*	200-249	250-299	>300
Lain-lain **		-	-	-	-	-	-	-

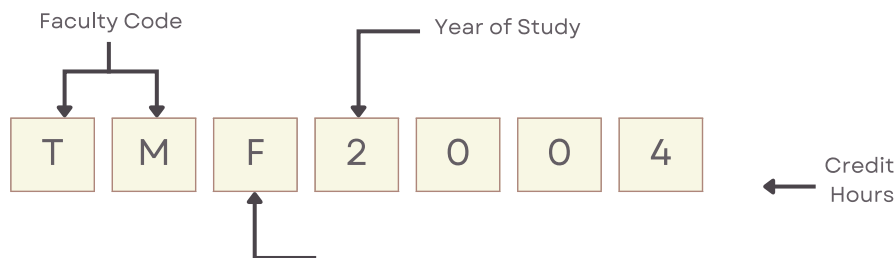
\*International students with conditional offer must pass PBI0040 Intensive English Language Programme and/or obtain CEFR High B1 and above.

\*\*Pelajar antarabangsa yang berasal daripada negara yang menggunakan Bahasa Inggeris sebagai bahasa rasmi ATAU Pelajar antarabangsa yang menggunakan kelayakan akademik bahasa pengantar sepenuhnya dan bercadang untuk melanjutkan pengajian ke peringkat lebih tinggi di Malaysia. (Pelajar yang jatuh dibawah item lain-lain\*\* perlu mengambil kursus PBI1102 dan PBI1072.

Latest amendments

# COURSE CODING

At FCSIT, we use the following coding system to decide the course code for our Programme Core and Specialisation Core courses:



## Course Type:

'F' is Programme Core

'S' is Programme Specialisation Core for CS

'I' is Programme Specialisation Core for DE

'T' is Programme Specialisation Core for MC

'A' is Programme Specialisation Core for SE

'N' is Programme Specialisation Core for NC

! Please be aware that a Course may have multiple code offerings in a single semester; each with its own individual Course Code.  
Only register the correct Course Code as listed in your Curriculum Structure!

**Computational  
Science**

**Data  
Engineering**

**Multimedia  
Computing**

**Software  
Engineering**

**Network  
Computing**

We have FIVE (5) undergraduate programmes, and all share the same Programme Educational Objectives (PEOs) and Programme Learning Outcomes (PLOs).

Programme Educational Objectives (PEOs).

Upon 3 – 5 years after graduation, a Student of the Faculty is expected to possess the following traits:

Table 12 : Programme Educational Objective (PEOs)

PEO 1	Computing practitioners who are able to adopt appropriate methodologies and techniques to provide computing solutions based on relevant knowledge and technical skills in the fields of study in line with the industry requirements.
PEO 2	Computing practitioners having leadership skills, autonomy and responsibility and communicate effectively with discipline-related stakeholders.
PEO 3	Computing practitioners having positive attitudes, commitment for lifelong learning and entrepreneurial mind-set within industry for self and career progression.
PEO 4	Computing practitioners who uphold ethical and professional practices in maintaining self and profession integrity.

Programme Learning Outcomes PLOs.

Upon graduation, a student of the faculty is expected to possess the following traits:

**Table 13 : Programme Learning Outcomes PLOs**

PLO 1	Analyse concepts, principles and theories relating to Computer Science. (CS)
	Analyse facts, concepts, principles and theories relating to Software Engineering. (SE)
PLO 2	Apply appropriate algorithms and techniques for computing solutions. (CS)
	Apply appropriate methodologies and techniques for software development. (SE)
PLO 3	Construct computing solutions using appropriate algorithms and techniques for non-routine problems. (CS)
	Construct software engineering solutions using appropriate methodologies and techniques for non-routine problems. (SE)
PLO 4	Demonstrate effective interaction with diverse stakeholders.
PLO 5	Exhibit effective communication with diverse stakeholders.
PLO 6	Utilise digital skills for problem-solving in the field of study.
PLO 7	Apply numeracy skills for problem-solving in the field of study.
PLO 8	Demonstrate teamwork, accountability, autonomy and responsibility in delivering solutions related to the field of study.
PLO 9	Exhibit capabilities to extend relevant knowledge through life-long learning.
PLO 10	Apply an entrepreneurial mindset in delivering solutions.
PLO 11	Uphold professional and ethical practices in the work environment.



## CURRICULUM STRUCTURES



*image courtesy of matazlandy*

Year 1	Sem 1	Remedial	TMF1892 Mathematics Foundation*	2*	17
		Free Module	PPD1041 Soft Skill & Basic Volunteerism	1	
		MPU	MPU3222 Foundation of Entrepreneurship Inculturation	2	
		Core	TMF1814 Discrete Mathematics	4	
		Core	TMF1913 System Analysis and Design	3	
		Core	TMF1414 Introduction to Programming	4	
		Specialisation	TMS1003 Systematic Innovation and Innovative Problem Solving	3	
	Sem 2	MPU	MPUXXX2 Credited Co-curricular***	2	17
		Core	TMF1893 Probability and Statistics	3	
		Core	TMF1254 Communication and Computer Network	4	
		Core	TMF1434 Data Structure and Algorithm	4	
		Core	TMF1214 Computer Architecture	4	
Year 2	Sem 1	Free Module	PBIXXX2 English Course 1**	2	18
		MPU	MPU3192 Appreciation of Ethics and Civilisation or MPU3142 Malay Language for Communication 2 (for International Students)	2	
		Core	TMF2034 Database Concept & Design	4	
		Core	TMF2234 Operating System	4	
		Specialisation	TMS2833 Object Oriented Software Development	3	
		Specialisation	TMS2033 Differential Equations	3	
	Sem 2	Free Module	PBIXXX2 English Course 2**	2	19
		MPU	MPU3372 Integrity and Anti-Corruption or MPU3342 Culture and Ethnicity in Malaysia (for International Students)	2	
		MPU	MPU3182 Philosophy and Current Issues	2	
		Core	TMF2954 Java Programming	4	
		Specialisation	TMS2843 Human Computer Interaction	3	
		Specialisation	TMS2863 Statistical Data Analysis	3	
		Specialisation	TMS2813 Computational Science Laboratory	3	
Year 3	Sem 1	Free Module	PBM2072 Malay Language or PBM2082 Advanced Malay Language for Communication (for International Students)	2	20
		Free Module	ABCXXX3 Elective from another faculty	3	
		Core	TMF3963 Ethics and Professionalism	3	
		Core	TMF3113 Project Management	3	
		Specialisation	TMS3853 Web Application Development	3	
		Specialisation	TMS3033 Operational Research	3	
		Specialisation	TMS3003 Mathematical Modelling and Simulation	3	
	Sem 2	LI	TMF39412 Industrial Training	12	12
Year 4	Sem 1	FYP	TMF4913 Final Year Project 1	3	13
		Free Module	ABCXXX3 Elective from another faculty	3	
		Core	TMF4034 Technopreneurship and Product Development	4	
		Specialisation	TMS4013 Parallel Processing	3	
	Sem 2	FYP	TMF4935 Final Year Project 2	5	14
		Free Module	ABCXXX3 Elective from another faculty	3	
		Specialisation	TMS4043 Artificial Intelligence	3	
		Specialisation	TMS4853 Computer Security	3	
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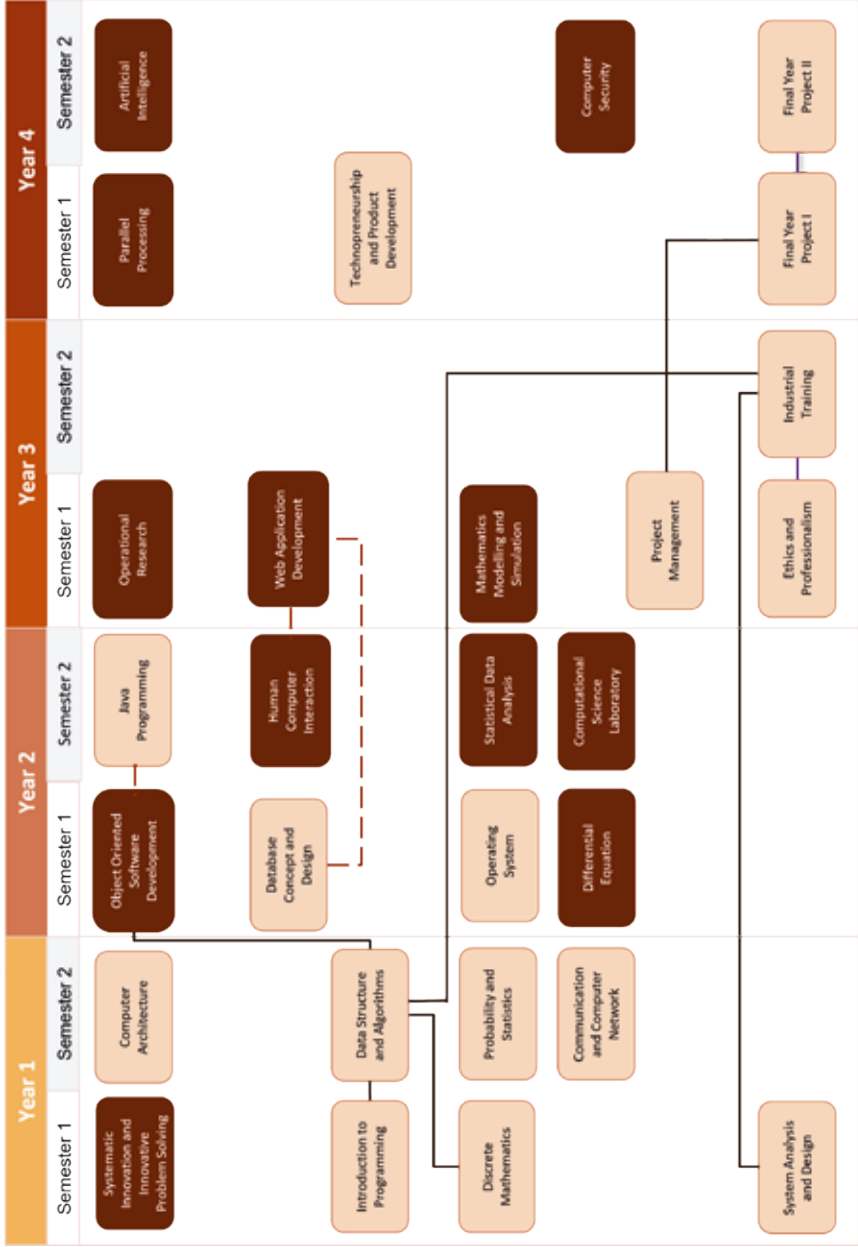
\* Arts stream students or those who did not take the Additional Mathematics course at the SPM/STPM/Diploma level are required to register for the TMF1892 Mathematics Foundation Course and must pass it before they are allowed to enroll in the following courses:

- TMF1814 Discrete Mathematics.
- TMF1893 Probability and Statistics.

\*\* Students with MUET Band <=3.5 OR IELTS 5.0 will have to take PBI1102 Academic English 1 and PBI1072 English for Professional Communication. Students with MUET Band >=4.0 OR IELTS 6 and above will have to take PBI1092 Academic English 2 and PBI1082 English for Occupational Purposes.

\*\*\* Choose ONE only: MPU3432 (Initiative & Innovation) OR MPU3442 (Culture) OR MPU3452 (Leadership) OR MPU3462 (Volunteerism) OR MPU3472 (Entrepreneurship) OR MPU3482 (Community Service) OR MPU3492 (Sports) OR MPU34102 (Public Speaking).

Pre-requisite & Requisite Flow Chart for Computational Science Programme



Pre-requisite      Requisite      Faculty Core Course      Programme Core Course

Year 1	Sem 1	Remedial	TMF1892 Mathematics Foundation*	2*	17
		Free Module	PPD1041 Soft Skill & Basic Volunteerism	1	
		MPU	MPU3222 Foundation of Entrepreneurship Inculturation	2	
		Core	TMF1814 Discrete Mathematics	4	
		Core	TMF1913 System Analysis and Design	3	
		Core	TMF1414 Introduction to Programming	4	
		Specialisation	TMI003 Systematic Innovation and Innovative Problem Solving	3	
	Sem 2	MPU	MPUXXX2 Credited Co-curricular***	2	17
		Core	TMF1893 Probability and Statistics	3	
		Core	TMF1254 Communication and Computer Network	4	
		Core	TMF1434 Data Structure and Algorithm	4	
		Core	TMF1214 Computer Architecture	4	
Year 2	Sem 1	Free Module	PBIXXX2 English Course 1**	2	18
		Free Module	ABCXXX3 Elective from another faculty	3	
		MPU	MPU3192 Appreciation of Ethics and Civilisation or MPU3142 Malay Language for Communication 2 (for International Students)	2	
		Core	TMF2034 Database Concept & Design	4	
		Core	TMF2234 Operating System	4	
		Specialisation	TMI2113 Object Oriented Software Development	3	
	Sem 2	Free Module	PBIXXX2 English Course 2**	2	16
		MPU	MPU3372 Integrity and Anti-Corruption or MPU3342 Culture and Ethnicity in Malaysia (for International Students)	2	
		MPU	MPU3182 Philosophy and Current Issues	2	
		Core	TMF2954 Java Programming	4	
		Specialisation	TMI2053 Information Systems in Organisations	3	
Year 3	Sem 1	Free Module	PBM2072 Malay Language or PBM2082 Advanced Malay Language for Communication (for International Students)	2	17
		Core	TMF3963 Ethics and Professionalism	3	
		Core	TMF3113 Project Management	3	
		Specialisation	TMI3083 Web Application Development	3	
		Specialisation	TMI3093 Artificial Intelligence	3	
		Specialisation	TMI3103 Machine Learning	3	
	Sem 2	LI	TMF39412 Industrial Training	12	12
Year 4	Sem 1	FYP	TMF4913 Final Year Project 1	3	18
		Free Module	ABCXXX3 Elective from another faculty	3	
		Specialisation	TMI4013 Data Mining	3	
		Specialisation	TMI4143 Natural Language Processing	3	
		Specialisation	TMI4153 Data Analytics	3	
		Specialisation	TMI4163 Distributed System	3	
	Sem 2	FYP	TMF4935 Final Year Project 2	5	15
		Free Module	ABCXXX3 Elective from another faculty	3	
		Core	TMF4034 Technopreneurship and Product Development	4	
		Specialisation	TMI4133 Computer Security	3	
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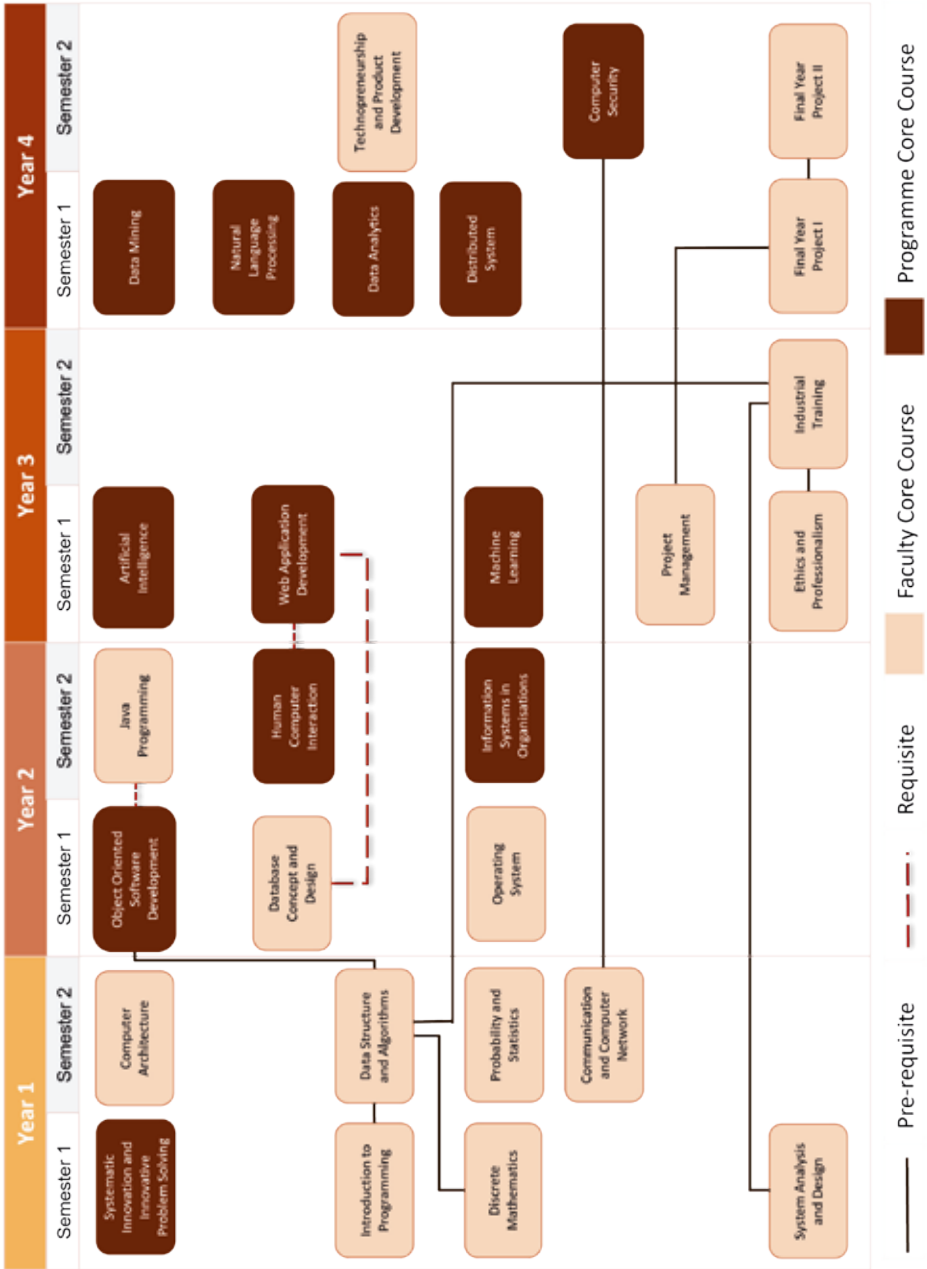
\* Arts stream students or those who did not take the Additional Mathematics course at the SPM/STPM/Diploma level are required to register for the TMF1892 Mathematics Foundation Course and must pass it before they are allowed to enroll in the following courses:

- TMF1814 Discrete Mathematics.
- TMF1893 Probability and Statistics.

\*\* Students with MUET Band <=3.5 OR IELTS 5.0 will have to take PBI102 Academic English 1 and PBI1072 English for Professional Communication. Students with MUET Band >=4.0 OR IELTS 6 and above will have to take PBI1092 Academic English 2 and PBI1082 English for Occupational Purposes.

\*\*\* Choose ONE only: MPU3432 (Initiative & Innovation) OR MPU3442 (Culture) OR MPU3452 (Leadership) OR MPU3462 (Volunteerism) OR MPU3472 (Entrepreneurship) OR MPU3482 (Community Service) OR MPU3492 (Sports) OR MPU34102 (Public Speaking).

## Pre-requisite & Requisite Flow Chart for Data Engineering Programme



Year 1	Sem 1	Remedial	TMF1892 Mathematics Foundation*	2*	17
		Free Module	PPD1041 Soft Skill & Basic Volunteerism	1	
		MPU	MPU3222 Foundation of Entrepreneurship Inculturation	2	
		Core	TMF1814 Discrete Mathematics	4	
		Core	TMF1913 System Analysis and Design	3	
		Core	TMF1414 Introduction to Programming	4	
		Specialisation	TMT1003 Systematic Innovation and Innovative Problem Solving	3	
	Sem 2	MPU	MPUXXX2 Credited Co-curricular***	2	17
		Core	TMF1893 Probability and Statistics	3	
		Core	TMF1254 Communication and Computer Network	4	
		Core	TMF1434 Data Structure and Algorithm	4	
		Core	TMF1214 Computer Architecture	4	
Year 2	Sem 1	Free Module	PBIXXX2 English Course 1**	2	17
		MPU	MPU3192 Appreciation of Ethics and Civilisation or MPU3142 Malay Language for Communication 2 (for International Students)	2	
		Core	TMF2234 Operating System	4	
		Specialisation	TMT2673 Object Oriented Software Development	3	
		Specialisation	TMT2713 Human Computer Interaction	3	
		Specialisation	TMT2033 Computer Graphics	3	
		Free Module	PBIXXX2 English Course 2**	2	
	Sem 2	MPU	MPU3372 Integrity and Anti-Corruption or MPU3342 Culture and Ethnicity in Malaysia (for International Students)	2	17
		MPU	MPU3182 Philosophy and Current Issues	2	
		Core	TMF2954 Java Programming	4	
		Core	TMF2034 Database Concept & Design	4	
		Specialisation	TMT2703 UI/UX Design	3	
Year 3	Sem 1	Free Module	PBM2072 Malay Language or PBM2082 Advanced Malay Language for Communication (for International Students)	2	20
		Free Module	ABCXXX3 Elective from another faculty	3	
		Core	TMF3963 Ethics and Professionalism	3	
		Core	TMF3113 Project Management	3	
		Specialisation	TMT3693 Web Application Development	3	
		Specialisation	TMT3123 Computer Game Design and Development	3	
		Specialisation	TMT3703 Mobile Application Development	3	
	Sem 2	LI	TMF39412 Industrial Training	12	12
Year 4	Sem 1	FYP	TMF4913 Final Year Project 1	3	16
		Free Module	ABCXXX3 Elective from another faculty	3	
		Core	TMF4034 Technopreneurship and Product Development	4	
		Specialisation	TMT4703 Distributed System	3	
		Specialisation	TMT4723 Artificial Intelligence	3	
	Sem 2	Free Module	ABCXXX3 Elective from another faculty	3	14
		FYP	TMF4935 Final Year Project 2	5	
		Specialisation	TMT4713 Computer Security	3	
		Specialisation	TMT4113 Data Visualisation	3	
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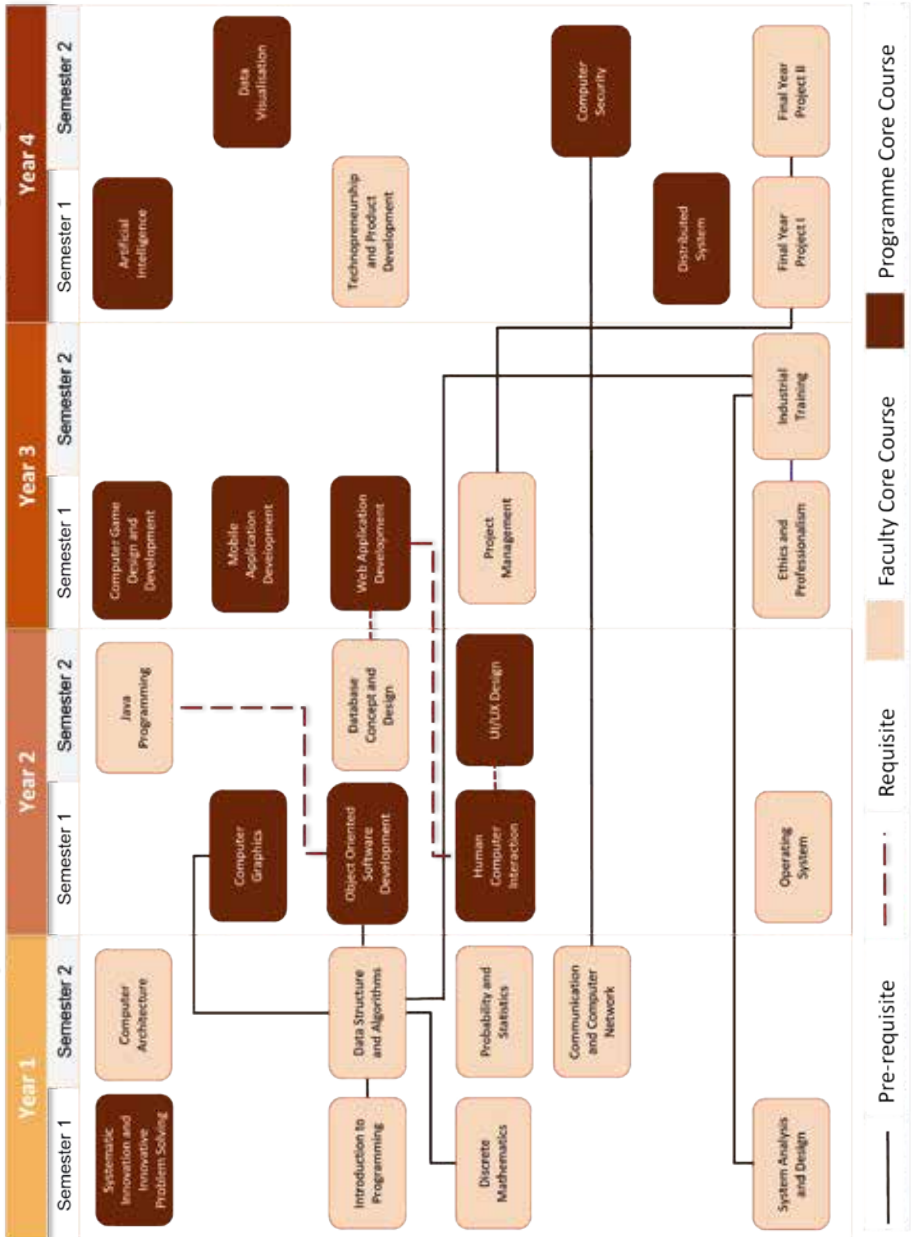
\* Arts stream students or those who did not take the Additional Mathematics course at the SPM/STPM/Diploma level are required to register for the TMF1892 Mathematics Foundation Course and must pass it before they are allowed to enroll in the following courses:

- TMF1814 Discrete Mathematics.
- TMF1893 Probability and Statistics.

\*\* Students with MUET Band <=3.5 OR IELTS 5.0 will have to take PBI1102 Academic English 1 and PBI1072 English for Professional Communication. Students with MUET Band >=4.0 OR IELTS 6 and above will have to take PBI1092 Academic English 2 and PBI1082 English for Occupational Purposes.

\*\*\* Choose ONE only: MPU3432 (Initiative & Innovation) OR MPU3442 (Culture) OR MPU3452 (Leadership) OR MPU3462 (Volunteerism) OR MPU3472 (Entrepreneurship) OR MPU3482 (Community Service) OR MPU3492 (Sports) OR MPU34102 (Public Speaking).

## Pre-requisite & Requisite Flow Chart for Multimedia Computing Programme



Year 1	Sem 1	Remedial	TMF1892 Mathematics Foundation*	2*	14
		Free Module	PPD1041 Soft Skill & Basic Volunteerism	1	
		MPU	MPU3222 Foundation of Entrepreneurship Inculturation	2	
		Core	TMF1814 Discrete Mathematics	4	
		Core	TMF1913 System Analysis and Design	3	
	Sem 2	Core	TMF1414 Introduction to Programming	4	17
		MPU	MPUXXX2 Credited Co-curricular***	2	
		Core	TMF1883 Automata Theory and Formal Language	3	
		Core	TMF1254 Communication and Computer Network	4	
		Core	TMF1434 Data Structure and Algorithm	4	
Year 2	Sem 1	Core	TMF1214 Computer Architecture	4	18
		Free Module	PBIXX2 English Course 1**	2	
		MPU	MPU3192 Appreciation of Ethics and Civilisation or MPU3142 Malay Language for Communication 2 (for International Students)	2	
		Free Module	ABCXXX3 Elective from another faculty	3	
		Core	TMF2034 Database Concept and Design	4	
	Sem 2	Core	TMF2234 Operating System	4	20
		Core	TMF2243 Object Oriented Software Engineering	3	
		Free Module	PBIXX2 English Course 2**	2	
		MPU	MPU3372 Integrity and Anti-Corruption or MPU3342 Culture and Ethnicity in Malaysia (for International Students)	2	
		MPU	MPU3182 Philosophy and Current Issues	2	
		Core	TMF2954 Java Programming	4	
		Core	TMF2263 Human Computer Interaction	3	
		Core	TMF2964 Software Economics	4	
		Core	TMF2973 Software Requirement Engineering	3	
Year 3	Sem 1	Free Module	PBM2072 Malay Language or PBM2082 Advanced Malay Language for Communication (for International Students)	2	18
		Core	TMF3963 Ethics and Professionalism	3	
		Core	TMF3113 Project Management	3	
		Core	TMF3973 Web Application Development	3	
		Specialisation	TMA3093 Formal Method	3	
	Sem 2	Specialisation	TMA3084 Software Engineering Laboratory	4	12
		LI	TMF39412 Industrial Training	12	
Year 4	Sem 1	FYP	TMF4913 Final Year Project 1	3	13
		Free Module	ABCXXX3 Elective from another faculty	3	
		Core	TMF4034 Technopreneurship and Product Development	4	
		Specialisation	TMA4093 Software Maintenance and Configuration Management	3	
	Sem 2	FYP	TMF4935 Final Year Project 2	5	14
		Free Module	ABCXXX3 Elective from another faculty	3	
		Specialisation	TMA4103 Software Testing	3	
		Specialisation	TMA4113 Software Security Engineering	3	
					<b>126</b>

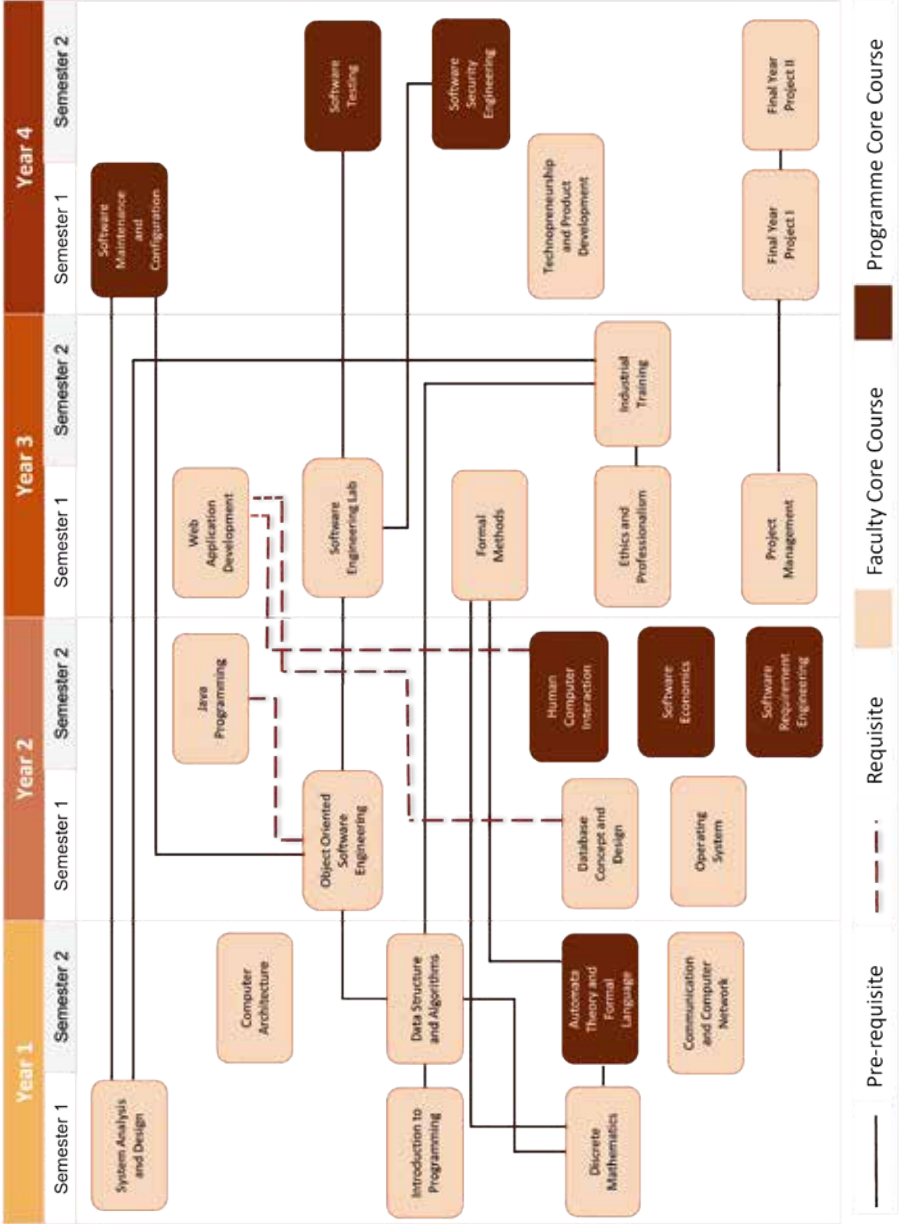
\* Arts stream students or those who did not take the Additional Mathematics course at the SPM/STPM/Diploma level are required to register for the TMF1892 Mathematics Foundation Course and must pass it before they are allowed to enroll in the following courses:

- TMF1814 Discrete Mathematics.
- TMF1893 Probability and Statistics.

\*\* Students with MUET Band <=3.5 OR IELTS 5.0 will have to take PBI1102 Academic English 1 and PBI1072 English for Professional Communication. Students with MUET Band >=4.0 OR IELTS 6 and above will have to take PBI1092 Academic English 2 and PBI1082 English for Occupational Purposes.

\*\*\* Choose ONE only: MPU3432 (Initiative & Innovation) OR MPU3442 (Culture) OR MPU3452 (Leadership) OR MPU3462 (Volunteerism) OR MPU3472 (Entrepreneurship) OR MPU3482 (Community Service) OR MPU3492 (Sports) OR MPU34102 (Public Speaking).

Pre-requisite & Requisite Flow Chart for Software Engineering Programme



Year 1	Sem 1	Remedial	TMF1892 Mathematics Foundation*	2*	17
		Free Module	PPD1041 Soft Skill & Basic Volunteerism	1	
		MPU	MPU3222 Foundation of Entrepreneurship Inculturation	2	
		Core	TMF1814 Discrete Mathematics	4	
		Core	TMF1913 System Analysis and Design	3	
		Core	TMF1414 Introduction to Programming	4	
		Specialisation	TMN1003 Systematic Innovation and Innovative Problem Solving	3	
	Sem 2	MPU	MPUXXX2 Credited Co-curricular***	2	17
		Core	TMF1893 Probability and Statistics	3	
		Core	TMF1254 Communication and Computer Network	4	
Core		TMF1434 Data Structure and Algorithm	4		
Core		TMF1214 Computer Architecture	4		
Year 2	Sem 1	Free Module	PBIXXX2 English Course 1**	2	18
		Free Module	ABCXXX3 Elective from another faculty	3	
		MPU	MPU3192 Appreciation of Ethics and Civilisation or MPU3142 Malay Language for Communication 2 (for International Students)	2	
		Core	TMF2034 Database Concept & Design	4	
		Core	TMF2234 Operating System	4	
		Specialisation	TMN2223 Object Oriented Software Development	3	
	Sem 2	Free Module	PBIXXX2 English Course 2**	2	19
		Free Module	ABCXXX3 Elective from another faculty	3	
		MPU	MPU3372 Integrity and Anti-Corruption or MPU3342 Culture and Ethnicity in Malaysia (for International Students)	2	
		MPU	MPU3182 Philosophy and Current Issues	2	
		Core	TMF2954 Java Programming	4	
		Specialisation	TMN2243 Human Computer Interaction	3	
		Specialisation	TMN2073 Computer Security	3	
Year 3	Sem 1	Free Module	PBM2072 Malay Language or PBM2082 Advanced Malay Language for Communication (for International Students)	2	20
		Free Module	ABCXXX3 Elective from another faculty	3	
		Core	TMF3963 Ethics and Professionalism	3	
		Core	TMF3113 Project Management	3	
		Specialisation	TMN3233 Artificial Intelligence	3	
		Specialisation	TMN3093 Computer System Administration and Management	3	
		Specialisation	TMN3223 Web Application Development	3	
	Sem 2	LI	TMF39412 Industrial Training	12	12
Year 4	Sem 1	FYP	TMF4913 Final Year Project 1	3	13
		Core	TMF4034 Technopreneurship and Product Development	4	
		Specialisation	TMN4133 System Programming	3	
		Specialisation	TMN4013 Distributed System	3	
	Sem 2	FYP	TMF4935 Final Year Project 2	5	14
		Specialisation	TMN4113 Network Performance and Simulation	3	
		Specialisation	TMN4143 Wireless and Broadband Networks	3	
		Specialisation	TMN4033 Embedded System	3	
					130

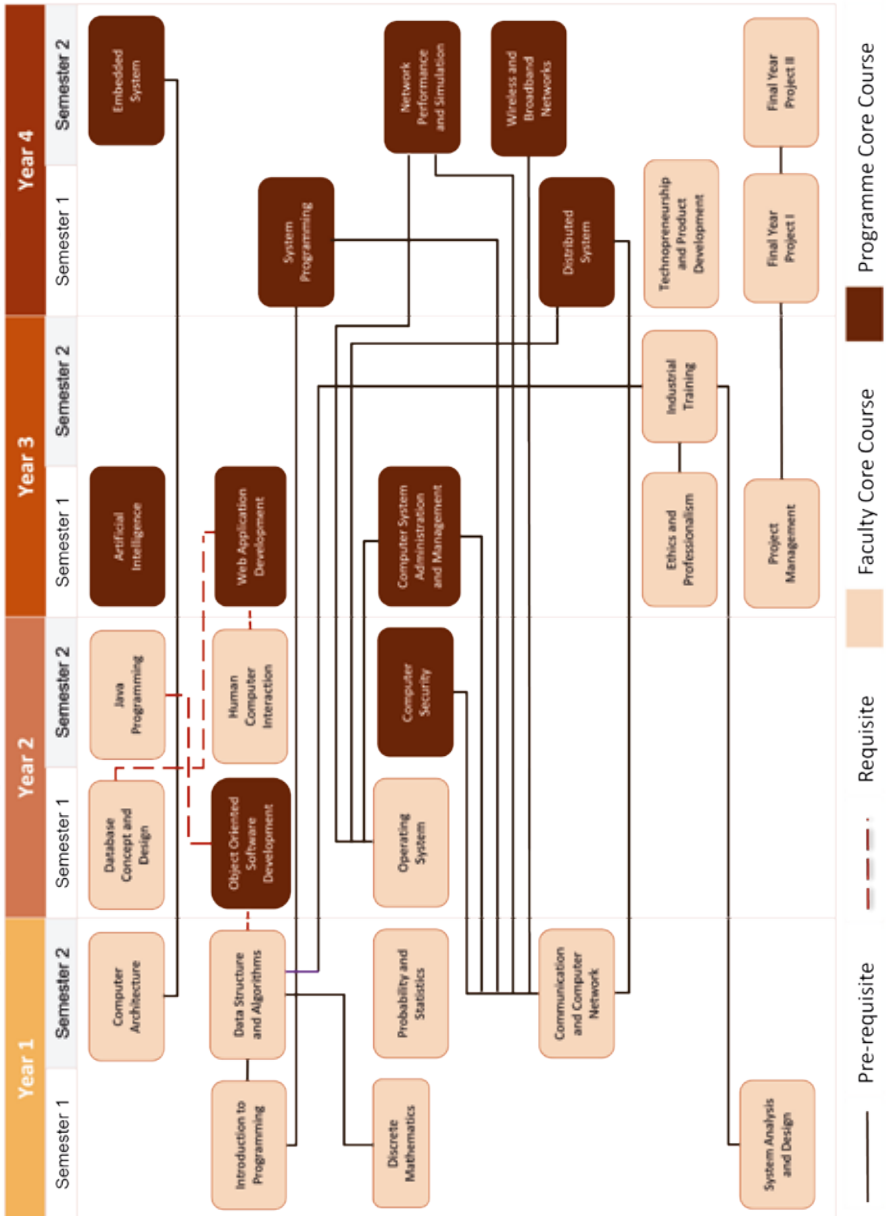
\* Arts stream students or those who did not take the Additional Mathematics course at the SPM/STPM/Diploma level are required to register for the TMF1892 Mathematics Foundation Course and must pass it before they are allowed to enroll in the following courses:

- TMF1814 Discrete Mathematics.
- TMF1893 Probability and Statistics.

\*\* Students with MUET Band <=3.5 OR IELTS 5.0 will have to take PBI102 Academic English 1 and PBI1072 English for Professional Communication. Students with MUET Band >=4.0 OR IELTS 6 and above will have to take PBI1092 Academic English 2 and PBI1082 English for Occupational Purposes.

\*\*\* Choose ONE only: MPU3432 (Initiative & Innovation) OR MPU3442 (Culture) OR MPU3452 (Leadership) OR MPU3462 (Volunteerism) OR MPU3472 (Entrepreneurship) OR MPU3482 (Community Service) OR MPU3492 (Sports) OR MPU34102 (Public Speaking).

## Pre-requisite & Requisite Flow Chart for Network Computing Programme



## INTRODUCTION TO PERTEKMA



PERTEKMA (Persatuan Teknologi Maklumat) is the Faculty's Undergraduate Students Association. All faculty students are automatically members of PERTEKMA. It was established and registered under the Centre for Students Development

(now known as Student Affairs and Alumni Division) on the 1st of November 1997. The main objective of establishing PERTEKMA is to provide a platform for students and faculty members to communicate and interact effectively. Currently, PERTEKMA is under the supervision of the Faculty Deputy Dean of Student Affairs and Alumni portfolio, assisted by other academic staff members. PERTEKMA committee members are selected from the Faculty's undergraduate students which are elected yearly. Currently, there are 26 portfolios designated to manage the students' activities.

Other objectives of PERTEKMA are as follows:

- To serve as an official channel for the faculty and its students to share and disseminate both academic and non-academic information.
- To assist students in both academic and personal problems, especially on matters related to the students' rights.
- To provide student assistance for the faculty to conduct events and programs organized by the faculty.
- To act as a platform for students to nurture their talents through various activities involvement.

# Student Affairs and Alumni (HEPA) FCSIT

**Ts Abdul Rahman Mat**  
Advisor, Student Relations

**Professor Dr. Jane Labadin**  
Dean

**Dr Muhammad Asyraf  
Khairuddin**  
Advisor, Cultural & Sport

**Mdm Inson Din**  
Advisor, Student Development

**Mdm Etah Maharup**  
Secretary (Welfare &  
Record)



**Mr Mohamad Johan Ahmad  
Khiri**  
Advisor, Entrepreneurship

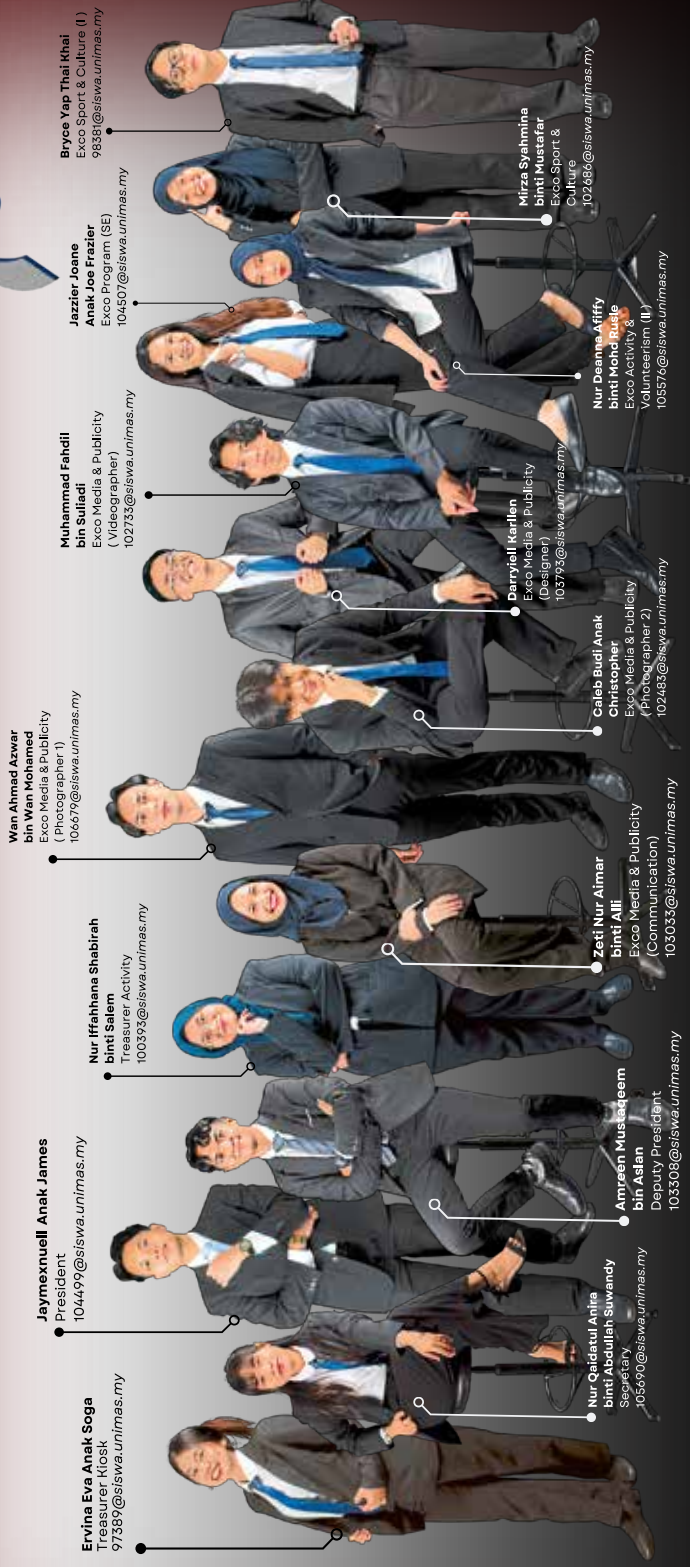
**Dr Yanti Rosmunie Bujang**  
Deputy Dean (Student Affairs &  
Alumni)

**Dr Wang Hui Hui**  
Advisor, Alumni & Career

**Mdm Resita Mohamed Othman**  
Advisor, Welfare & Spirituality

**Mdm Atiqah Nadzirah  
Abdul Rahim**  
Secretary (Student  
Activity)

## FCSIT HEPA ADVISORS



## PERSATUAN TEKNOLOGI MAKLUMAT (PERTEKMA COMMITTEE)



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binti Zabidin**  
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**Raimi Daniel  
bin Mohd Radzi**  
Exco Welfare & Spiritual  
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Anak Jana**  
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binti Abdul Hafiz**  
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& Alumni  
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binti Zaruddin**  
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**Rayme Ryan  
Anak Roxly**  
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**Muhammad Izz Halikal  
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**Dayangku Siti Nurfathah  
binti Awang Bungkong**  
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**Lee Chong Ren**  
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**Amira Ansthesia  
binti Mohamad Zulkhairi**  
Exco Entrepreneurship  
(Vendor)  
102424@siswa.unimas.my

## PERSATUAN TEKNOLOGI MAKLUMAT (PERTEKMA COMMITTEE)

# PERTEKMA ACTIVITIES

These activities are created with students at heart, bringing people together, building friendships, and encouraging each individual to grow in their own unique way. We aim to create a welcoming and supportive space where everyone feels valued, inspired, and confident to pursue their goals, both academically and in life. To bring this vision to life, we have planned a variety of exciting and meaningful activities, as described below:

## **Program Jejak Rahmah FSKTM 2025 Siri 1**

This program aims to support the asnaf community by distributing essential food supplies. It also fosters closer ties between FSKTM students and the local community. The initiative exposes students to community service management and provides insights into the realities faced by society. Indirectly, it nurtures noble values and social awareness among students.



## **Majlis Anugerah Dekan Sem 1 Sesi 24/25**

The Dean's Award Ceremony is organized to recognize FSKTM students who have achieved academic excellence. This program acknowledges students' efforts and cultivates a spirit of success. It also aims to motivate other students to strive harder in their studies. Overall, the program promotes a culture of excellence within the faculty.

## **CelcomDigi UniConnect**

This program provides early exposure to career opportunities and industry developments in the TelcoTech sector. It fosters soft skills, leadership, and industry networking. Students participated in talks, job preparation workshops, and sessions on internet safety. The program creates talent development opportunities in collaboration with CelcomDigi.





### AWS AI Workshop

This international program brings together local and international students to strengthen digital skills in the field of AI. It exposes students to the application of AI in sustainable solutions through sessions with industry experts and professional trainers. The program also supports career development in line with current industry needs. Overall, it strengthens UNIMAS's mission to produce industry-ready graduates.

### Data Science & Analytics Talk : Shaping the Digital Future

This program provides students with insights into the role of data analytics in digital transformation. It features industry experience sharing by representatives from Sarawak Energy Berhad in the fields of data science and innovation. The program broadens students' perspectives on data applications in the energy sector and sparks interest in data science among students.



### Cybersecurity Career Webinar

This program raises awareness about cyber ethics, tech skills, and career opportunities in cybersecurity. Industry experts from BlackBerry shared valuable insights and inspired students. Interactive Q&A sessions encouraged active participation. This collaboration enhanced the value and impact of the program in the field of digital security.



### Level Up Muhibbah

This initiative focuses on gotong-royong (communal work) activities to brighten up a school library and create a conducive learning environment. It benefits the community while cultivating volunteerism, teamwork, and leadership among students. The program also promotes student engagement in community service.

### Heart to Heart

This program centers on peer support through self-reflection activities, experience sharing, and self-awareness development. It involves FSKTM students as participants and facilitators from PERSEPSI, FSKPM. The program helps students understand their emotions and improve self-awareness. The collaboration between PERSEPSI and PERTEKMA also fosters cross-faculty interaction.



### Run Venture 2025

This program aims to promote a healthy lifestyle, sportsmanship, and social interaction among students and the wider community. It includes a fun run with interactive checkpoints around the campus. The event also provides organizing experience for the committee members and encourages inter-institutional collaboration.



### Inisiatif Bakti : PetTARY Lestari

PetTARY Lestari, a subprogram under UNIMAS Inisiatif Bakti, holds the Malaysia Book of Records for “Longest Non-Stop Volunteerism Activities,” uniting over 1,500 volunteers. Organized by PERTEKMA, it focused on library beautification, book arrangement, and SDG-themed mural painting, promoting social responsibility, campus upkeep, and sustainability awareness among participants.

### School Visit from SK Ibnu Khaldun Kota Samarahan

This program involved a visit by students from SK Ibnu Khaldun to FSKTM to provide early exposure to university life and the world of technology. Students engaged in exciting activities such as LEGO building, RC car racing, 3D pen and 3D image scanner usage, and Scratch games. The program aims to spark early interest in computing and IT while offering a glimpse into the student experience at FSKTM.



### The Open Case - Podcast by PERTEKMA

The Open Case, a PERTEKMA podcast, enhances communication between students and faculty while sharing key information. Through engaging episodes on campus life, AI, mental health, and UNIMAS horror stories, it encourages student participation. The platform offers an interactive, relaxed space for discussion and involvement in faculty and university activities.

FOLLOW US



PERTEKMA



pertekma\_official



pertekma\_official



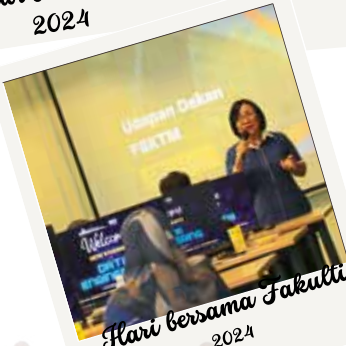
*Mentor Mentee Day  
2024*



*Mentor Mentee Day  
2024*



*Hari bersama Fakulti  
2024*



*Hari bersama Fakulti  
2024*



*Hari bersama Fakulti  
2024*

Each student at UNIMAS is assigned an Academic Advisor who serves as a mentor throughout their studies. If a student changes faculty, a new Academic Advisor will be appointed accordingly.

The Academic Advisor System (ACADS) is an online platform that enables Advisors (Mentors) to access their mentees' information, including personal details, academic performance, class attendance, and any disciplinary records. The system also facilitates appointment scheduling between Advisors and Mentees. Students are required to meet with their Advisor at least once each semester, except during Industrial Training.

# SERVICE LEARNING



Service learning (SL) is a “form of experiential learning that occurs through a cycle of action and reflection as students apply what they are learning to address real community needs” (Malaysia Education Blueprint 2015-2025, pg. 1-9).

Existing studies have shown that integrating academics and community service delivers greater development of student soft skills, enriches learning experiences and improves academic performance.



In line with the aspiration of the Ministry of Higher Education, Faculty of Computer Science & Information Technology (FCSIT) has decided to reap these benefits as another milestone in achieving better teaching and learning quality into one faculty core course, namely Technopreneurship and Product Development since session 2016/2017 Semester 1.

The course imbued students with the knowledge in running technology-based entrepreneurial ventures with technology products and services as their core business.



In addition, the incorporation of SL element into this course enables the students to be viewed as social technopreneur by looking at the social impacts that could be created. A main requirement for SL implementation is to gather real user requirements through visits to the community sites. The sites normally covers villages or schools in Kuching, Kota Samarahan and nearby districts in Sarawak. The main outcome from the SL activities are reflections by the students, stakeholders, faculty supervisors and community supervisors.





## ADVANCED DEGREES

MASTER IN COMPUTER SCIENCE (MCS)

MASTER IN INFORMATION TECHNOLOGY MANAGEMENT (MITM)

MASTER OF SCIENCE

DOCTOR OF PHILOSOPHY

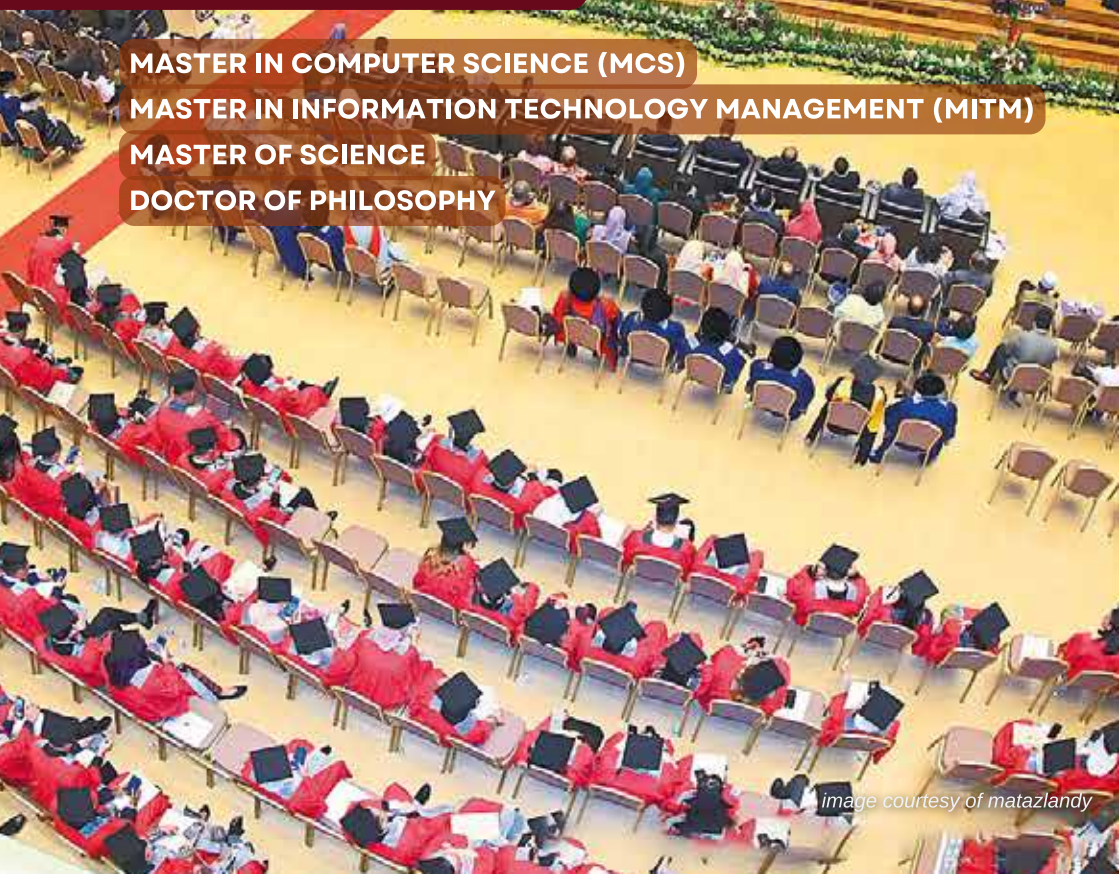


image courtesy of matazlandy

## Master in Computer Science (MCS) By Coursework | 3 semesters | 1 year



The Master in Computer Science programme (MCS) by coursework is tailored for individuals with a background in computing. Our program is tailored to the schedules of working professionals and offers the most relevant and up-to-date curriculum to meet the demands of the rapidly changing world of computing. The curriculum for the Master of Science in Computer Science requires 40 credit hours, including a project.

You will take advanced courses in computational theory, software engineering, databases, and Artificial Intelligence. You can choose two specialization electives such as data analytics, Image processing, and digital economy.

Master in Computer Science (MCS) is a master programme by coursework with TWO (2) modes

- of study:
- Full-time: 1 year (3 semesters)
- Part-time: 2 years (6 semesters)



For more information, please visit <https://www.fcsit.unimas.my/mcs>

## Master in Information Technology Management (MITM) By Coursework | 3 semesters | 1 year

Our programme is designed to extend knowledge and skills gained from the first degree and to develop new professional skills for graduates. The programme involves lectures, seminars and project work. Students are required to successfully complete the minimum credit required, i.e., 40 credits and a final Cumulative Grade Point Average (CGPA) of at least 3.0 in order to graduate.



Master in Information Technology Management (MITM) is a master programme by coursework with TWO (2) modes of study:

- Full Time: 1 year (weekend classes)
- Part Time: 2 years (weekend classes)

For more information, please visit <https://www.fcsit.unimas.my/mitm>

## Master of Science and Doctor of Philosophy (MSc & PhD) By Research



The Faculty offers postgraduate studies by research in various areas inside the Computing discipline. The student will be assigned under the tutelage of a team of supervisors.

We offer MSc and PhD programmes by research in various areas of computer science, including but not limited to:

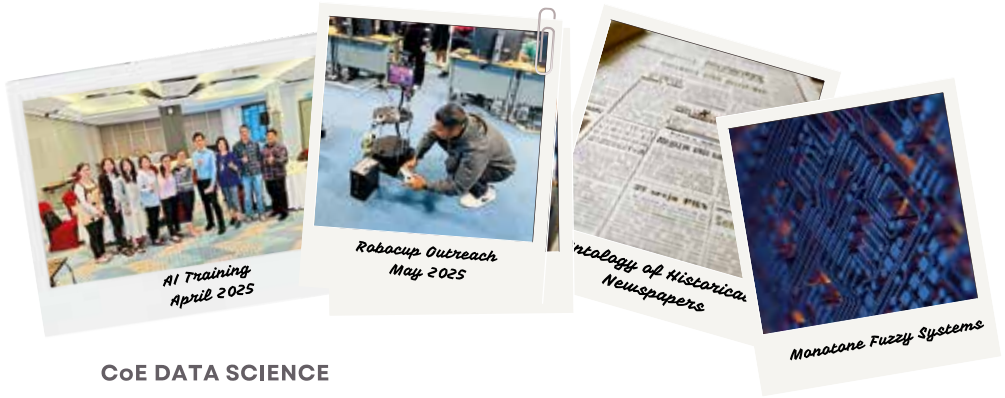
- Artificial Intelligence
- Computational Modeling
- Cybersecurity
- IoT and Digital Infrastructure
- Social Informatics
- Software Engineering
- Visual Information Technologies

At the end of your studies, you are expected to produce a thesis and defend your work in a viva voce examination.

For more information, please visit

<https://www.fcsit.unimas.my/what-we-offer/postgraduate-research>

# CENTRE OF EXCELLENCE



## CoE DATA SCIENCE

The UNIMAS Data Science Center was established on the 10th of March 2022. The center aims to be a leading center that creates research impact for a sustainable future by advancing in core Data Science areas. In fulfilling this goal, the center set as her mission to transform data science solutions into generic workbench through continuous collaboration between data scientists and domain experts; and to educate new generations of data-aware professionals through technology transfer and consultation services.

For more information, please visit <https://www.datascience.unimas.my/>

## GAMIFICATION CENTER

Established in 2020, the Gamification Centre grew from the success of the CreativeCulture initiative, supported by Newton-Ungku Omar and AHRC UKRI in 2017. The myCapsule Space serves as a hub for innovative teaching and learning, specialising in gamification research and development.

In 2022, with funding from GCRF UKRI's ACES programme, the team transformed a UNIMAS bus into a fully electric, off-grid STEAM learning and research space.

The centre brings together researchers, developers, and practitioners passionate about creating playful, gameful experiences for learning and creative expression.

For more information, please visit <https://creativeculture.my/gamificationcentre/>



**MAIN BUILDINGS**  
Bangunan Utama

- [illegible]

**CAMPUS  
AMENITIES**  
Komunitas Kampus

- 
- 1** Faculty of Agriculture & Forestry (Forest Science)  
Faculty of Agriculture & Forestry (Forest Science)
- 2** Faculty of Agriculture & Forestry (Forest Science)  
Faculty of Agriculture & Forestry (Forest Science)
- 3** Faculty of Agriculture & Forestry (Forest Science)  
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- 12** Faculty of Agriculture & Forestry (Forest Science)  
Faculty of Agriculture & Forestry (Forest Science)
- 13** Faculty of Agriculture & Forestry (Forest Science)  
Faculty of Agriculture & Forestry (Forest Science)
- 14** Faculty of Agriculture & Forestry (Forest Science)  
Faculty of Agriculture & Forestry (Forest Science)
- LEGEND**  
University of Georgia  
Scavenger Hunt  
Security Checkpoint

**ACADEMIC BUILDINGS**  
Bangunan Akademik

1. **Identify all processes, functions, & resources**  
that are involved in the **order-to-cash** process.
2. **Identify the data that is exchanged** between the various business functions.
3. **Identify the data that is exchanged** between the various business functions.
4. **Identify the data that is exchanged** between the various business functions.
5. **Identify the data that is exchanged** between the various business functions.
6. **Identify the data that is exchanged** between the various business functions.
7. **Identify the data that is exchanged** between the various business functions.
8. **Identify the data that is exchanged** between the various business functions.
9. **Identify the data that is exchanged** between the various business functions.
10. **Identify the data that is exchanged** between the various business functions.

# IMPORTANT NUMBERS



**Talian Hotline Bahagian Keselamatan UNIMAS**  
**082-581999**



**Pos Pengawal Utama UNIMAS**  
**082-583904**



**Bilik Kawalan CCTV UNIMAS**  
**082-581004**



**Pusat Kawalan Balai Polis Kota Samarahan**  
**082-662300**



**Pusat Kawalan Balai Polis Daerah Kuching**  
**082-244444**



**Pusat Kawalan Ibu Pejabat Kontinjen Sarawak**  
**082-240800**



**Bilik Kawalan Balai Bomba Kota Samarahan**  
**082-673881**

## ETIKA PAKAIAN PELAJAR UNIVERSITI MALAYSIA SARAWAK

### Pakaian Pelajar Lelaki

1. Setiap pelajar hendaklah berpakaian kemas, sopan dan bersesuaian dengan keadaan sepertimana yang diarahkan oleh pihak Universiti (berseut panjang dengan berbotu kemeja atau kemeja-T atau pakaian kebangsaan masing-masing yang sesuai).
2. Berambut pendek, kemas dan tidak mencecah kolar baju. Fesyen rambut tidak keterlaluan dan perlu bersesuaian serta kemas.
3. Memakai pakaian sukan yang sesuai semasa bersukan atau berekreasi.
4. Memakai kasut yang sesuai. Pemakaian selipar dan sandal adalah dilarang.
5. Tidak memakai perhiasan perempuan atau pakaian menyerupai perempuan.
6. Mempamerkan kad pelajar semasa urusan rasmi.

### Pakaian Pelajar Perempuan

1. Setiap pelajar hendaklah berpakaian kemas dan sopan bersesuaian dengan keadaan sepertimana yang diarahkan oleh pihak Universiti (pakaian kebangsaan, blaus atau pakaian etnik masing-masing yang sesuai dan tidak menjolok mata. Pakaian mestilah tidak ketat/sendat/orang/singkat serta tidak menunjukkan bentuk tubuh badan).
2. Memakai kain atau skirt yang kebanyanya hendaklah di bawah paras lutut.
3. Memakai seluar yang bersesuaian, bersih dan sopan.
4. Memakai alat solek, aksesori dan pewangi secara sederhana.
5. Memakai kasut yang sesuai.
6. Mempamerkan kad pelajar semasa urusan rasmi.

### Tempat Penguatkuasaan Peraturan Berpakaian

1. Menghadiri kuliah, tutorial dan amali.
2. Menggunakan Perpustakaan Tun Abdul Rahman Yakub (PeTARY).
3. Membuat urusan di Fakulti/Institut/Pusat/Bahagian.
4. Menghadiri majlis rasmi Universiti di dalam dan di luar kampus.
5. Menduduki peperiksaan dan ujian.
6. Berada di sekitar kampus atau tempat yang wajar berpakaian demikian.
7. Menjalani Latihan Industri.



FORMAL



TIDAK FORMAL



PAKAIAN SUKAN



PAKAIAN DI DALAM MAKMAL



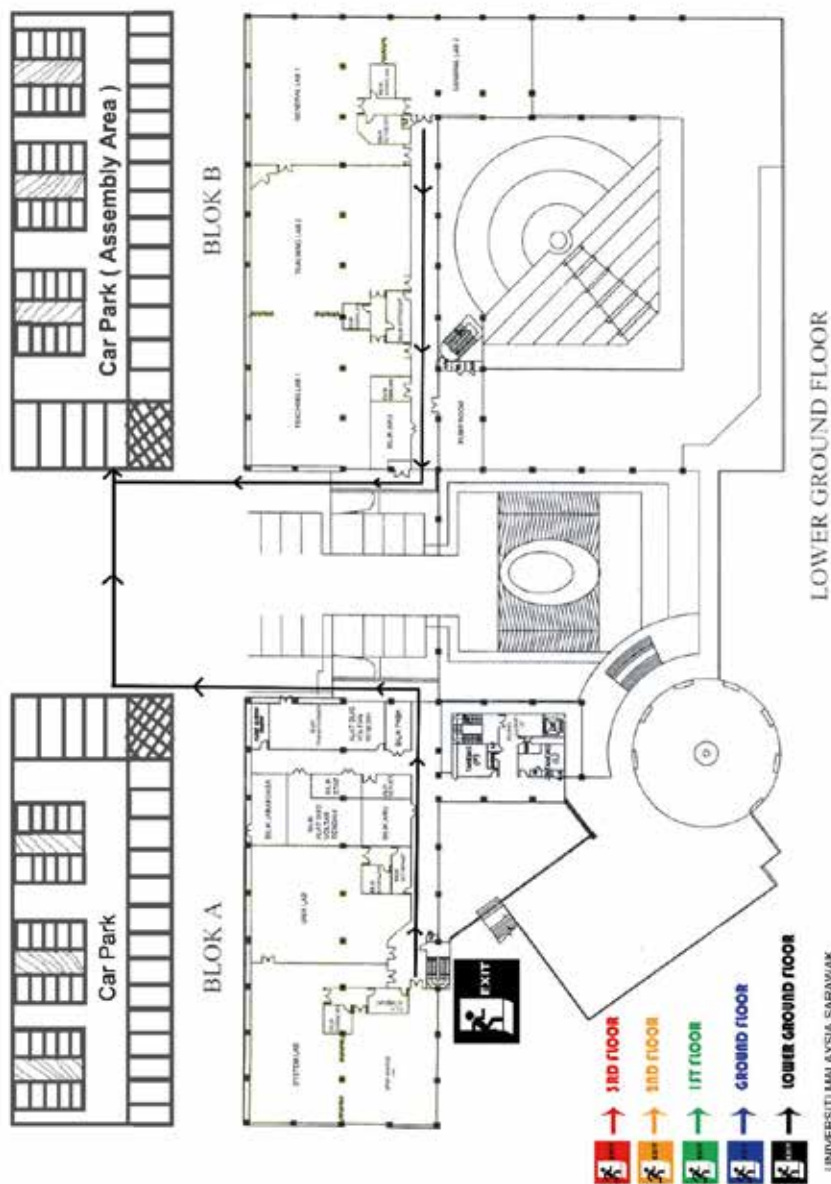
CONTOH RAMBUT LELAKI  
DAN RAMBUT WANITA

**NOTA PENTING:** Setiap pelajar adalah tertakluk kepada Peraturan Berpakaian Pelajar yang ditetapkan oleh Universiti ketika berada di dalam kampus. Penguatkuasaan peraturan berpakaian pelajar adalah dibawah Kaedah-Kaedah Universiti Malaysia Sarawak (Tatatertib Pelajar-Pelajar) 1999 serta pindaan-pindaannya.

## CARA BERPAKAIAN YANG DILARANG DALAM UNIMAS



# FCSIT FLOOR PLAN

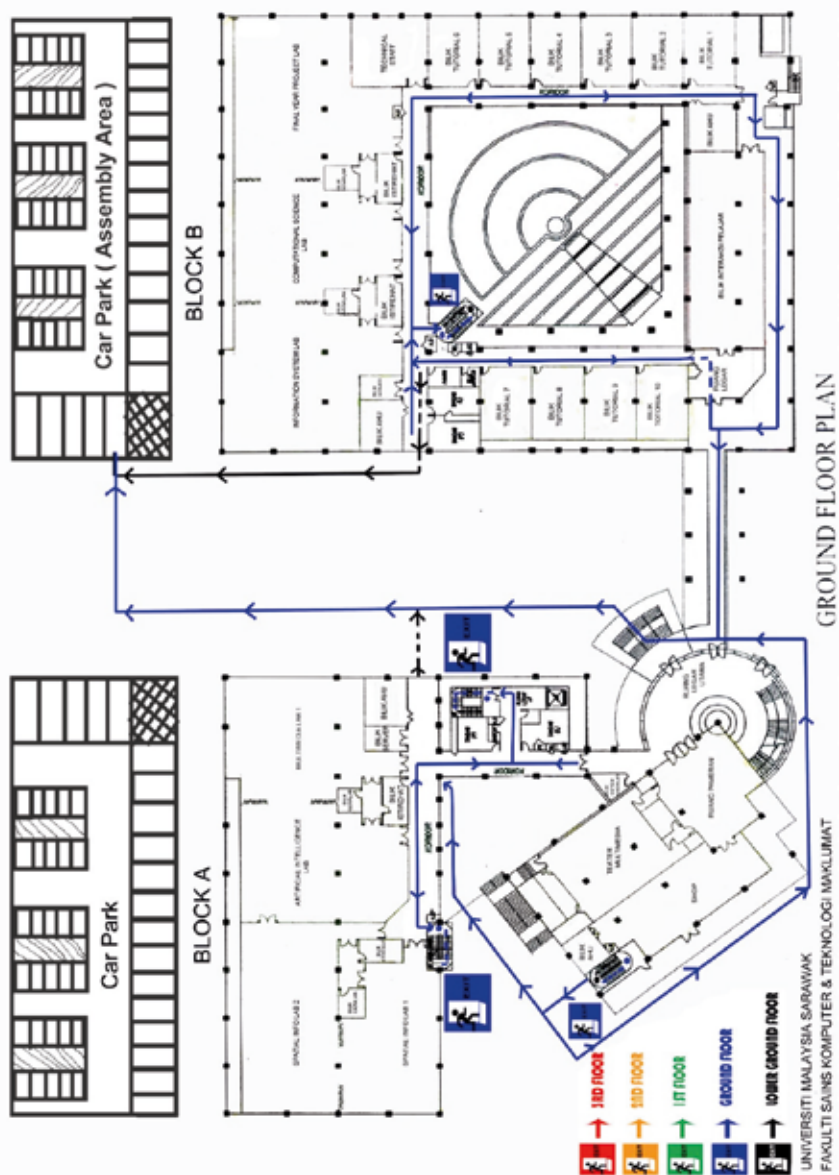


LOWER GROUND FLOOR (LG)

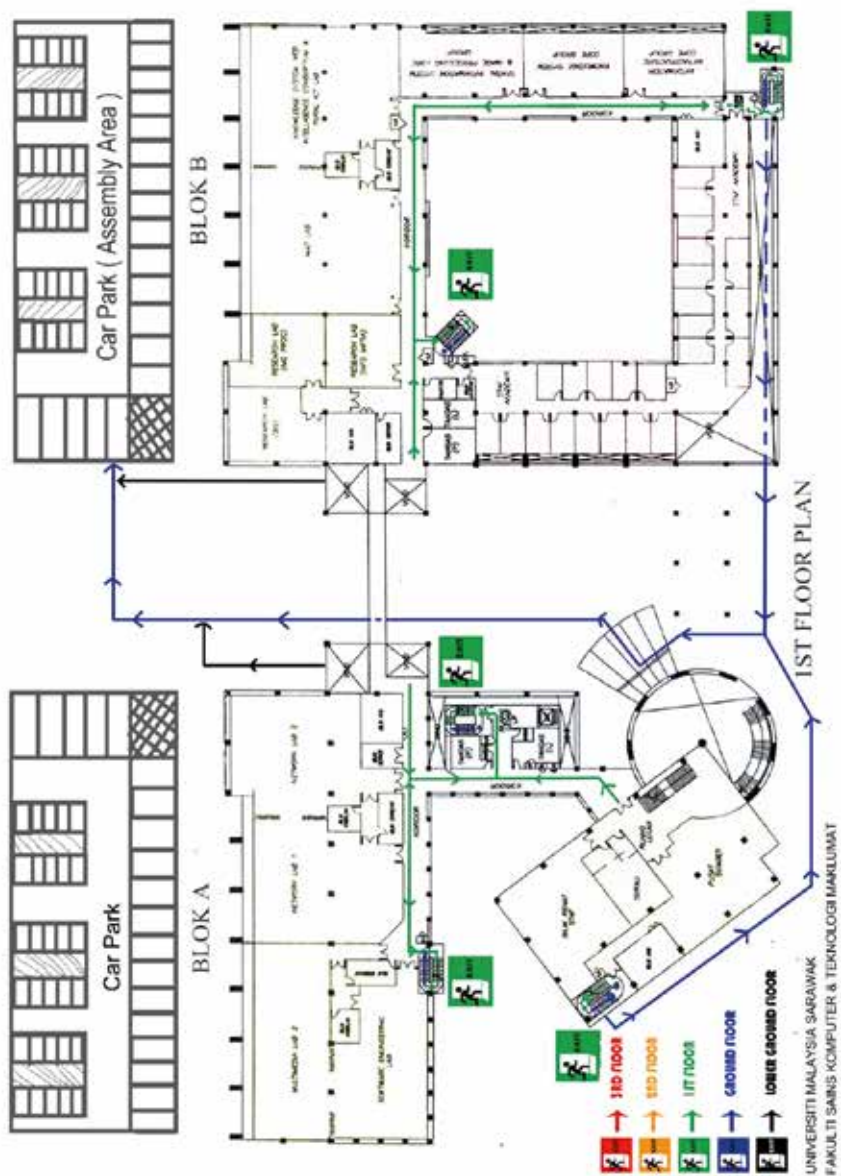
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# FCSIT FLOOR PLAN

## GROUND FLOOR (G)



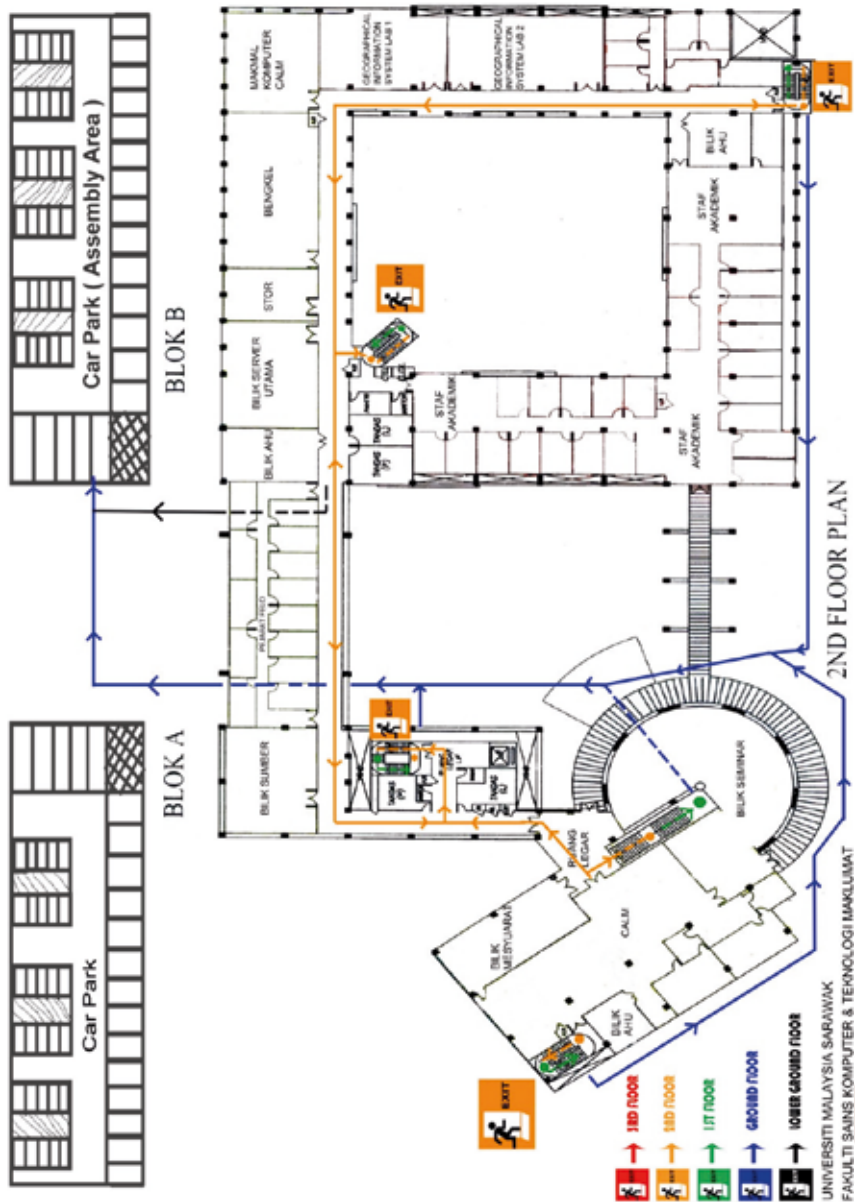
# FCSIT FLOOR PLAN



FIRST FLOOR (1ST)

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## FCSIT FLOOR PLAN



## SECOND FLOOR (2ND)

### THIRD FLOOR (3RD)

# ACADEMIC CALENDAR 2025/2026



## KALENDAR AKADEMIK PENGAJIAN IJAZAH SARJANA MUDA SESI 2025/2026 (ACADEMIC CALENDAR FOR UNDERGRADUATE STUDIES SESSION 2025/2026)

Aktiviti / Activity	SEMESTER 1	
	Tarikh	Catatan
<b>Pendaftaran Pelajar Baharu</b> (New Student Registration) <u>Online Registration</u>	17 Sep 2025 – 26 Sep 2025 (10 hari / 10 days)	
<b>Pendaftaran Kolej Kediaman Pelajar Baharu</b> (Residential College Registration)	27 Sept 2025 – 28 Sept 2025 (2 hari/2 days)	
<b>Minggu Aiban Pelajar</b> (Student's Orientation Week) / Hari Bersama Fakulti	29 Sept 2025 – 2 Okt 2025 (4 hari/4 days)	
<b>Pendaftaran Online Pelajar Semasa</b> (Returning Student's Registration) <u>Online Registration</u>	29 Sept 2025 – 3 Okt 2025 (5 hari/5 days)	
<b>Pendaftaran Kolej Kediaman Pelajar Semasa</b> (Returning Student's Residential College Registration)	4 Okt 2025 – 5 Okt 2025 (2 hari/2 days)	
<b>Perkulahan</b> (Lectures)	6 Okt 2025 – 11 Jan 2026 (14 minggu/14 weeks)	11 Oktober 2025 (11 October 2025) • Hari Jadi TYT Sarawak (Sarawak Governor's Birthday)  20 Oktober 2025 (20 October 2025) • Hari Deepavali (Semenanjung Malaysia sahaja)  25 Disember 2025 (25 December 2025) • Hari Krismas (Christmas)  1 Januari 2026 (1 January 2026) • Cuti Tahun Baharu 2026 (New Year)
<b>Minggu Ulangkaji</b> (Revision Week)	12 Jan 2026 – 18 Jan 2026 (7 hari/ 7 days)	
<b>Minggu Peperiksaan</b> (Examination Week)	19 Jan 2026 – 8 Feb 2026 (3 minggu/ 3 weeks)	
<b>Cuti Semester 1</b> (Semester Break)	9 Feb 2026 – 1 Mac 2026 (3 minggu/ 3 weeks)	17 & 18 Feb 2026 (17 & 18 Feb 2026) • Tahun Baru Cina (Chinese New Year)

# ACADEMIC CALENDAR 2025/2026

Aktiviti /Activity	SEMESTER 2	
	Tarikh	Catatan
<b>Pendaftaran Online Pelajar Semasa</b> (Returning Student's Registration/Online Semester Registration)	<b>26 Feb 2026 – 27 Feb 2026</b> (3 hari/3 days)	
<b>Pendaftaran Kolej Kediaman Pelajar Semasa</b> (Returning Student's Residential College Registration)	<b>28 Feb 2026 – 1 Mac 2026</b> (2 hari/2 days)	
<b>Perkuliahhan</b> (Lectures)	<b>2 Mac 2026 – 7 Jun 2026</b> (14 minggu/ 14 weeks)	<p><b>20 &amp; 21 Mac 2026 (20 &amp; 21 March 2026)</b></p> <ul style="list-style-type: none"> <li>• Hari Raya Aidilfitri (Eid Mubarak)</li> </ul> <p>(Terakhir kepada pindaan tarikh yang dimasukkan)</p> <p><b>3 April 2026 (3 April 2026)</b></p> <ul style="list-style-type: none"> <li>• Good Friday</li> </ul> <p><b>1 Mei 2026 (1 May 2026)</b></p> <ul style="list-style-type: none"> <li>• Cuti Hari Pekerja (Labour Day)</li> </ul> <p><b>27 Mei 2026 (27 May 2026)</b></p> <ul style="list-style-type: none"> <li>• Hari Raya Aidiladha (Eid Al-Adha)</li> </ul> <p>(Terakhir kepada pindaan tarikh yang dimasukkan)</p> <p><b>31 Mei 2026 (31 May 2026)</b></p> <ul style="list-style-type: none"> <li>• Hari Wesak (Wesak Day)</li> </ul> <p><b>1 &amp; 2 Jun 2026 (1 &amp; 2 June 2026)</b></p> <ul style="list-style-type: none"> <li>• Hari Gawai (Gawai Day)</li> </ul> <p><b>1 Jun 2026 (1 June 2026)</b></p> <ul style="list-style-type: none"> <li>• Hari Keputeraan YDP Agong (Agong's Birthday)</li> </ul> <p><b>16 Jun 2026 (16 June 2026)</b></p> <ul style="list-style-type: none"> <li>• Awal Muharram</li> </ul>
<b>Minggu Ulangkaji</b> (Revision Week)	<b>8 Jun 2026 – 14 Jun 2026</b> (7 hari/ 7 days)	
<b>Minggu Peperiksaan</b> (Examination Week)	<b>15 Jun 2026 – 5 Jul 2026</b> (3 minggu/ 3 weeks)	
<b>Cuti Panjang</b> (Long Break)	<b>6 Jul 2026 – 8 Sept 2026</b> (9 minggu/ 9 weeks)	<b>22 Julai 2026 (22 July 2026)</b> Hari Sarawak (Sarawak Day)
Aktiviti /Activity	ANTARSESI	
	Tarikh	Catatan
<b>Pendaftaran Pelajar Semasa</b> (Returning Student's Registration) <i>Online Semester Registration</i>	<b>6 Jul 2026 – 12 Julai 2026</b> (1 minggu/ 1 weeks)	
<b>Perkuliahhan</b> (Lectures)	<b>6 Jul 2026 – 30 Ogos 2026</b> (8 minggu/ 8 weeks)	
<b>Latihan Industri</b>	<b>6 Jul 2026 – 13 Sept 2026</b> (10 minggu/ 10 weeks)	

Nota: Pindaan Senat BIL.4/2025 ke-232 bertarikh 23 Mei 2025

Disediakan oleh:  
Bahagian Pengajian Praskwazah Universiti Malaysia Sarawak



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MAJLIS KONVOKESYEN KE-27

UNIVERSITI MALAYSIA SARAWAK  
6-9 Nov 2023



FACULTY OF  
COMPUTER SCIENCE &  
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