TARUMT
TUNKU ABDUL RAHMAN
MANAGEMENT AND TECHNOLOGY UNIVERSITY OF

2023

FACULTY OF
COMPUTING AND
INFORMATION TECHNOLOGY

UNDERGRADUATE PROGRAMMES

TAR UMT is awarded with the MDEC Premier Digital Tech University status which is a recognition of preferred institution in producing quality digital tech talents. The Faculty of Computing and Information Technology (FOCS) currently offers programmes at Diploma, Bachelor and Postgraduate levels. Apart from running academic programmes, the faculty is active in academia-industry collaborations in the area of computer vision, artificial intelligence, machine learning, data science, big data analytics, IoT, Cybersecurity and many more with proven track of records in producing highly demanded computing graduates that meet the needs of the industry.

What Our Graduates Say

My time at TAR UMT was an absolute joy and a great experience overall. Apart from academia, there was also the opportunity to participate in student events and recreational clubs which enriched my student experience and left me with many invaluable memories. My experience here has helped me with my personal growth and has made me into a better and more confident person, acquiring the necessary skills to excel in my career. As Frank Herbert said, "One learns from books and examples only that certain things can be done. Actual learning requires that you do those things".

CHENG ZHI YING

Bachelor of Information Technology (Honours) in Software Systems Development - Graduated in 2022

I thoroughly enjoyed my studies at TAR UMT and never doubted my decision to enroll. My programme not only nurtured my passion to become a developer but also equipped me with up to date knowledge and skills, allowing me to thrive upon graduation. The facilities available simulated real-life scenarios and the overall experience also allowed me to develop vital soft skills such as teamwork, communication and flexibility etc, which enabled me to hit the ground running in a real world environment.

FOO JIA ERN

Bachelor of Computer Science (Honours) in Software Engineering - Graduated in 2022

I love that TAR UMT engages with the industrial players and involves students in various real-world projects, industrial training and competitions. TAR UMT's Beyond Education philosophy is truly a holistic approach to prepare students for life after graduation. Also, my lecturers and tutors are very dedicated and passionate. They deliver as much knowledge as possible to the students through lectures and hands-on practicals. This has no doubt helped students to develop a solid foundation which is very important when it comes to employment.

I truly enjoyed my tertiary education journey at TAR UMT and am proud to call myself a TARCian. Once a TARCian, always a TARCian.

LIM JUN RONG

Bachelor of Computer Science (Honours) in Data Science - Graduated in 2022

Awarded **MDEC Premier Digital Tech University**, a recognition for TAR UMT as preferred institution for future digital talents.

Premier Digital Tech Institution™

Dedicated and **qualified academic staff** who are committed to their role in providing education to students.

Close link with **industry partners**.

The laboratories are well-equipped with **modern facilities** and **state-of-the-art equipment.**
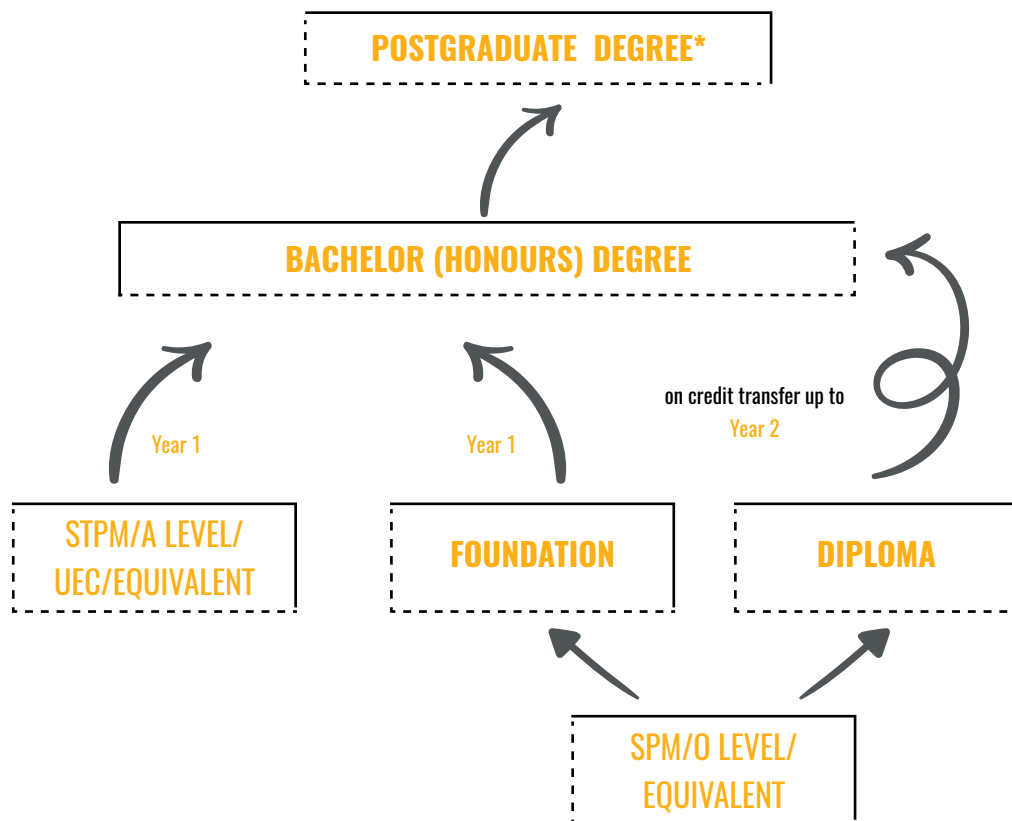
Why study at the FACULTY OF COMPUTING AND INFORMATION TECHNOLOGY

Holistic education that instils strong technical and scientific skills as well as personal and character development.

A variety of programmes that provide differentiation to suit the diverse interest and needs of students.

Wide range of alternative progression routes for further studies, **both locally as well as overseas.**

Industrial training which provides students with **real-world experience** and **enhances employment prospects.**

GENERAL PROGRESSION ROUTE

POSTGRADUATE DEGREE*

BACHELOR (HONOURS) DEGREE

on credit transfer up to
Year 2

Year 1

Year 1

STPM/A LEVEL/
UEC/EQUIVALENT

FOUNDATION

DIPLOMA

SPM/O LEVEL/
EQUIVALENT

*The Faculty of Computing and Information Technology offers the following postgraduate programmes:

- **Master of Computer Science**
  (N/481/7/0809)(08/25)(MQA/FA10034)

- **Master of Information Technology**
  (N/482/7/0156)(02/26)(MQA/PA11406)

- **Master of Science in Mathematical Sciences**
  (N/461/7/0030) (04/26) (MQA/FA 10771)

- **Doctor of Philosophy (Computer Science)**
  (N/481/8/0788)(10/25)(MQA/PA10772)

- **Doctor of Philosophy (Information Technology)**
  (N/482/8/0169)(01/26)(MQA/PA11407)

- **Doctor of Philosophy (Mathematical Sciences)**
  (N/461/8/0029)(04/26)(MQA/PA10773)

2023 INTAKES

FEBRUARY	COMMENCEMENT DATE:
• Foundation	
• Selected Bachelor Degree/ Diploma programmes	10/02/2023

JUNE	COMMENCEMENT DATE:
• Foundation	23/06/2023
• Bachelor Degree & Diploma	26/06/2023

OCTOBER/NOVEMBER	COMMENCEMENT DATE:
• Foundation	20/10/2023
• Selected Bachelor Degree/ Diploma programmes	17/11/2023

PROGRAMMES OFFERED

Foundation (1 Year)

Bachelor Degree (3 Years)

> Foundation in Computing
(Track A) **KL/PG**

- Bachelor of Software Engineering (Honours) **KL/PG**
- Bachelor of Computer Science (Honours) in Interactive Software Technology **KL**
- Bachelor of Computer Science (Honours) in Data Science **KL/PG**

> Foundation in Computing
(Track B) **KL/PG**

- Bachelor of Information Systems (Honours) in Enterprise Information Systems **KL**
- Bachelor of Information Technology (Honours) in Software Systems Development **KL/PG/PK/JH/PH/SB**
- Bachelor of Information Technology (Honours) in Internet Technology **KL/PG**
- Bachelor of Information Technology (Honours) in Information Security **KL**

> Foundation in Science
(Track A) **KL**

- Bachelor of Science (Honours) in Management Mathematics with Computing **KL**

PROGRAMMES OFFERED

on credit transfer up to
Year 2

Diploma (2 Years) ⟶ Bachelor Degree (3 Years)

Diploma in Computer Science **KL/PG**

→ Bachelor of Computer Science (Honours) in Interactive Software Technology **KL**

→ Bachelor of Computer Science (Honours) in Data Science **KL/PG**

→ Bachelor of Software Engineering (Honours) **KL/PG**

→ Bachelor of Science (Honours) in Management Mathematics with Computing **KL**

Diploma in Information Systems **KL/PG/PK**

→ Bachelor of Information Systems (Honours) in Enterprise Information Systems **KL**

Diploma in Information Technology **KL/PG/PK/JH/PH/SB**

→ Bachelor of Information Technology (Honours) in Internet Technology **KL/PG**

→ Bachelor of Information Technology (Honours) in Information Security **KL**

→ Bachelor of Information Technology (Honours) in Software Systems Development **KL/PG/PK/JH/PH/SB**

Diploma in Computer Science (Data Science) **JH**

→ Bachelor of Computer Science (Honours) in Data Science **KL/PG**

→ Bachelor of Information Technology (Honours) in Software Systems Development **KL/PG/PK/JH/PH/SB**

Diploma in Software Engineering **SB**

→ Bachelor of Software Engineering (Honours) **KL/PG**

■ **KL** - Kuala Lumpur Campus   ■ **PG** - Penang Branch   ■ **PK** - Perak Branch
■ **JH** - Johor Branch   ■ **PH** - Pahang Branch   ■ **SB** - Sabah Branch

MANAGEMENT MATHEMATICS
WITH COMPUTING

Management mathematics with computing is a programme with Management Mathematics as the major, and Computing as the minor.

Management Mathematics covers mathematical techniques for business management, including resource allocation and planning, optimisation, project management, quantitative decision, applied statistics, quality control and financial mathematics.

Computing courses prepare students for software design and development, including skills on programming and information management.

This programme also prepares graduates to branch into other disciplines for further academic pursuit such as Master in business management, statistics, and information technology. It also lays the foundation for graduates to achieve further professional qualifications in actuary, financial planning, and financial analysis.

💼 Career Prospects

- Officers in financial institutions such as banks, insurance firms, and investment houses
- Quantitative Analysts
- Quality Managers
- Research Officers
- Investment Analysts
- Financial Analysts
- Financial Planners and Advisors
- Pricing Analysts
- IT Managers
- Internal Auditors

☆ Level & Campus

Bachelor of Science (Honours) in Management Mathematics with Computing - 3 years

- **KL** (R/461/6/0004)(09/23)(MQA/FA3925)

■ **KL** - Kuala Lumpur Campus

INFORMATION SECURITY

This programme is designed to equip students with technical abilities and knowledge of information security in the areas of network and Internet security, information assurance and governance, system administration and secure software development besides giving students the opportunity to learn and explore various penetration testing, vulnerability assessment, forensics tools and techniques. Students will learn how to prevent, detect and defend organisations' assets from internal and external threats.

Students will also have an opportunity to work with information security related industry through their 6 months industrial training and to carry out real-life projects which are relevant to information security domains. Such training will add value to their qualification and later to their employment opportunities and career development.

Career Prospects

- Information Security Analysts
- Information Security Consultants
- Information Security Managers
- Information Security Engineers
- Information Security Administrators
- Information Security Auditors
- Forensics Analysts
- Forensics Investigators
- Security Software Developers
- Mobile Application Developers
- Network Security Engineers

Level & Campus

Bachelor of Information Technology (Honours) in Information Security - 3 years

- **KL** (R/482/6/0380)(09/23)(MQA/FA3934)

ENTERPRISE INFORMATION SYSTEMS

Information systems are the heart of many organisations that support their daily business processes and in turn promote business growth. As the size and demand of information systems has grown tremendously, many of the business functions like sales & marketing, finance & accounting, manufacturing & processes, human resources, supply chain management, customer relationship management, knowledge management and many other business functions are integrated into enterprise information systems to further improve organisational performance.

This programme is designed to equip students with the ability to solve practical problems in the implementation of enterprise information systems in business organisations. In addition to fundamentals of computing, the programme covers Business and Information Systems, Systems Analysis and Design, Enterprise Systems, Enterprise Resource Planning, Data Warehouse Technology, Business Intelligence, Business Process Management and Information Systems Implementation.

Students will have an opportunity to work with the industry through their 6 months industrial training and to carry out real-life projects on software development, implementation of enterprise information systems and data analysis. All such training will add value to their qualification and later to their employment opportunities.

Career Prospects

- Business Process Consultants
- ERP Consultants
- Business and Systems Analysts
- Business Intelligence Analysts
- Business Intelligence Specialists
- Data Warehouse Developers
- IT Consultants
- IT Managers
- Programmers
- Web Designers
- Database Administrators

Level & Campus

Bachelor of Information Systems (Honours) in Enterprise Information Systems - 3 years

- **KL** (R/482/6/0376)(09/23)(MQA/FA3931)

KL - Kuala Lumpur Campus

SOFTWARE ENGINEERING

Graduates of this programme will be able to develop, manage and maintain high-quality software in a systematic, controlled and efficient manner through software engineering methodology inclusive of software requirements engineering, software design, software testing, software project management, and software evolution & maintenance.

In addition, graduates of this programme have in-depth knowledge and skills in mobile application development, web application development, Blockchain application development, data science, or cloud computing as part of their elective choices. And also, graduates of this programme will have powerful skills of technical, process, communication, and teamwork to be instantaneously productive in the software engineering industry.

Students will have an opportunity to work with the industry through their 6 months industrial training and to carry out real-life projects on software engineering. All such training will add value to their qualification and later to their employment opportunities.

💼 Career Prospects

• Software Engineers
• Software Testers
• Software Quality Assurance Engineers
• Software Developers
• Software Architects
• Systems Analysts
• Web Developers
• Mobile Application Developers
• IT Consultants
• IT & Project Managers
• Programmers

⭐ Level & Campus

Bachelor of Software Engineering (Honours) - 3 years

• **KL** (R/481/6/0375)(09/23)(MQA/FA3930)
• **PG** (N/481/6/0818)(10/24)(MQA/FA10814)

Diploma in Software Engineering - 2 years

• **SB** (R/481/4/0779)(08/27)(MQA/FA7566)

■ **KL** - Kuala Lumpur Campus   ■ **PG** - Penang Branch   ■ **SB** - Sabah Branch

SOFTWARE SYSTEMS DEVELOPMENT

The aim of this programme is to produce and equip graduates with in-depth knowledge and skills that are essential to work as professionals in the software systems development and computer networking sectors.

Students graduating from this programme will be capable of developing software systems in various platforms to fulfill the needs and requirements from organisations using appropriate software development methodologies and software project management techniques. In addition, the students will also be capable to design, configure and maintain computer networks in organisations.

Students will have an opportunity to work with the industry through their 6 months industrial training and to carry out real-life projects in software systems development, network communications or database management. All such training will add value to their qualification and later to their employment opportunities.

Career Prospects

- Programmers
- Web Developers
- Multimedia Developers
- Mobile Application Developers
- Systems Analysts
- Software Engineers
- Database Administrators
- Network Engineers
- IT Consultants
- IT Managers
- IoT Developers

Level & Campus

Bachelor of Information Technology (Honours) in Software Systems Development - 3 years

- **KL** (R/482/6/0379)(09/23)(MQA/FA3933)
- **PG** (N/482/6/0170)(12/23)(MQA/FA10769)
- **PK** (N/482/6/0172)(12/23)(MQA/FA10768)
- **JH** (N/482/6/0171)(12/23)(MQA/FA10767)
- **PH** (N/482/6/0187)(10/24)(MQA/PA12301)
- **SB** (N/482/6/0185)(09/24)(MQA/PA12302)

KL - Kuala Lumpur Campus   **PG** - Penang Branch   **PK** - Perak Branch
JH - Johor Branch   **PH** - Pahang Branch   **SB** - Sabah Branch

INTERNET TECHNOLOGY

The growth and development of the Internet is rapid and innovative and that has allowed many companies to use web-based systems to operate their business processes to become more efficient and effective. The use of the Internet has also led companies to be competitive.

Bachelor of Information Technology (Honours) in Internet Technology programme produces graduates who have in-depth knowledge and skills that are essential to work as professionals in the web development, mobile development and computer networking sectors. In addition, graduates of this programme can apply relevant skills in the area of Internet Security, as well as venturing into developing web applications for enterprises.

Students will also have an opportunity to work with the industry through the industrial training module incorporated throughout the diploma and bachelor degree level of study and to carry out real-life projects on web development, mobile development or computer networking. All such training will add value to their qualification and later to their employment opportunities.
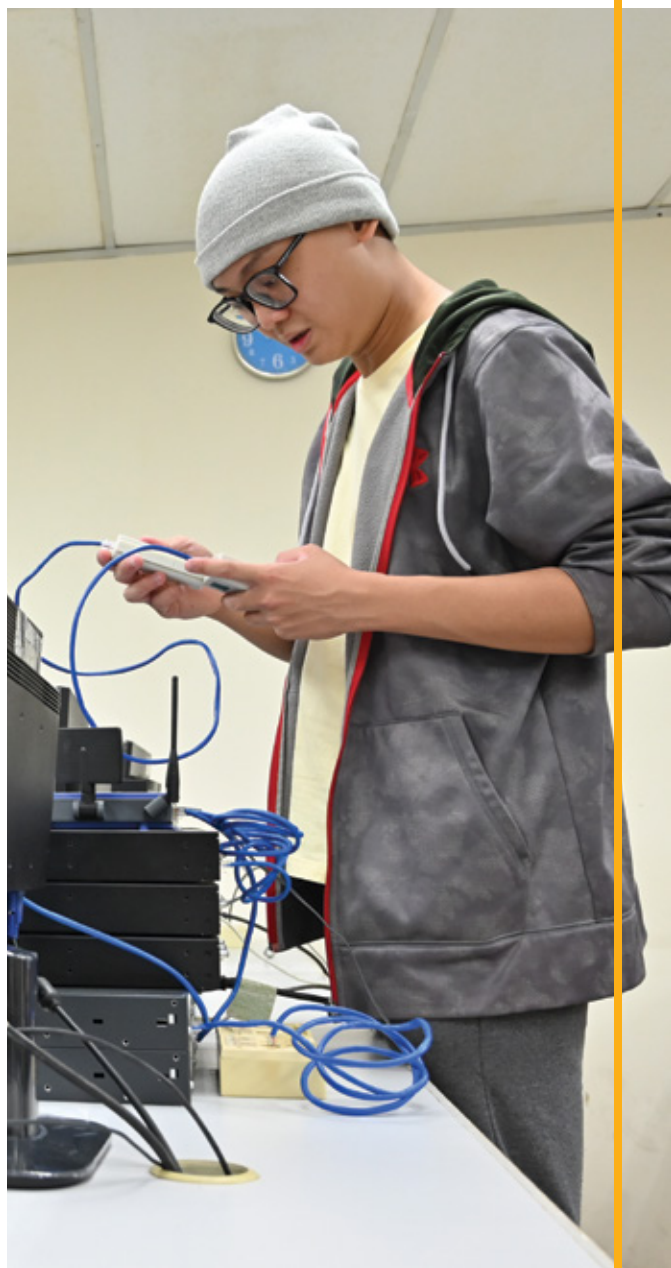
Career Prospects

- Web Developers
- Multimedia Developers
- Mobile Application Developers
- Systems Analysts
- Network Engineers
- IT Consultants
- IT Managers
- IoT Developers

Level & Campus

Bachelor of Information Technology (Honours) in Internet Technology - 3 years

- **KL** (R/482/6/0377)(09/23)(MQA/FA3932)
- **PG** (N/482/6/0182)(05/24)(MQA/FA10736)

KL - Kuala Lumpur Campus   **PG** - Penang Branch

DATA SCIENCE

This programme is designed to train students in both computer science and data science, which prepares them well for data professionals or data scientist career pathway. Graduates of this programme are highly demanded in the increasingly data-driven world where their main role is to make sense of big data to improve business processes, optimise resources, increase profits, increase customer satisfaction, personalised experience, automation, and so on.

Artificial Intelligence, Machine Learning, Natural Language Processing, Data Visualisation, Data Warehouse Technology, Cloud Computing are some of the specialisation courses covered in this programme in addition to core courses of Computer Science, for example, Programming, Database Management, Software Engineering and Computer Networks.

Students will have an opportunity to work with the industry through their 6 months industrial training and carry out real-life projects on data science and computer science. All such training will add value to their qualification and increase their employment opportunities. Upon completion of this program, the students will also obtain SAS Joint Certificate specialised in Data Science and Machine Learning.

Career Prospects

- Data Scientists
- Data Engineers
- Data Analysts
- Data Modelling Engineers
- Software Developers
- Mobile Application Developers
- Computer Science Researchers
- Machine Learning Engineer
- Data Visualization Specialists
- Artificial Intelligence Engineers
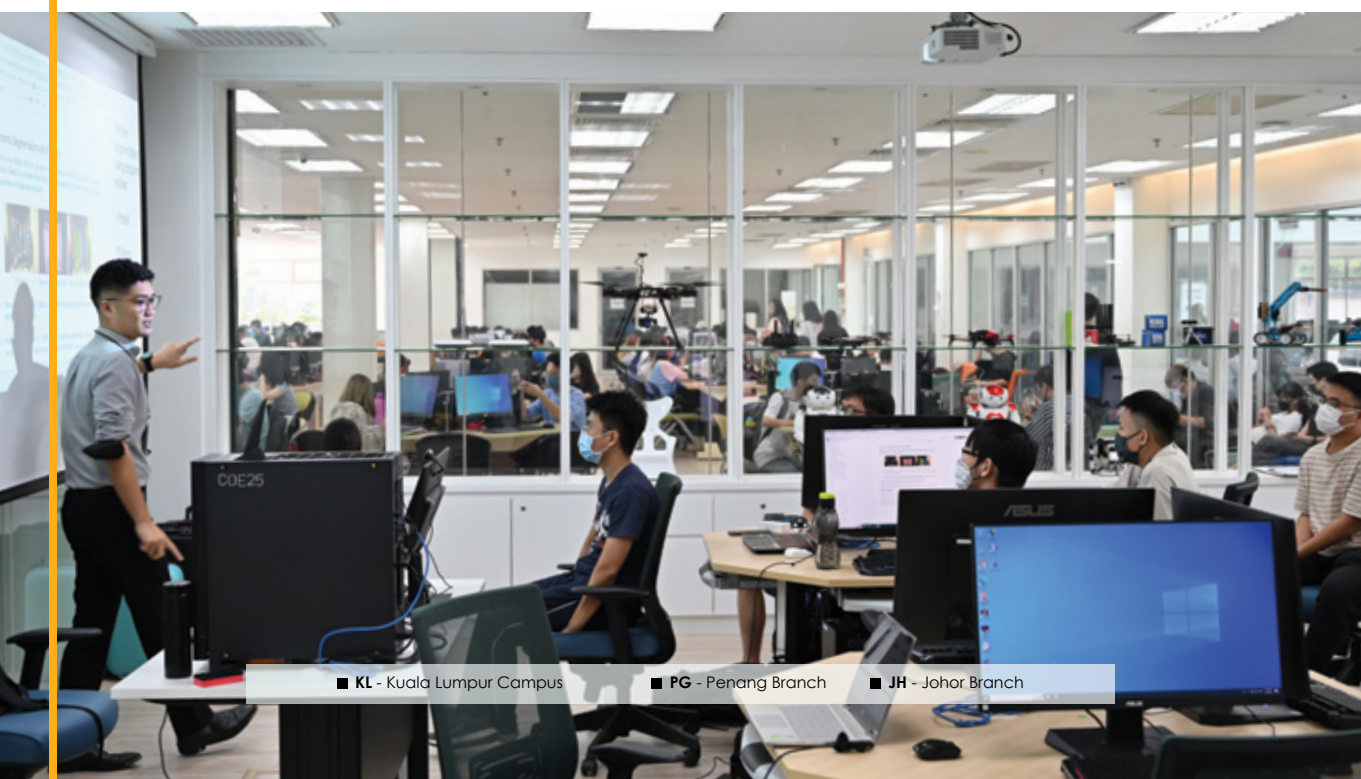- Business Intelligence Analyst

Level & Campus

Bachelor of Computer Science (Honours) in Data Science - 3 years

- **KL** (N/481/6/0808)(02/24)(MQA/FA10784)
- **PG** (N/481/6/0815)(06/24)(MQA/PA10813)

Diploma in Computer Science (Data Science)- 2 years

- **JH** (R/481/4/0761)(07/26)(MQA/FA7636)

■ **KL** - Kuala Lumpur Campus   ■ **PG** - Penang Branch   ■ **JH** - Johor Branch

INTERACTIVE SOFTWARE TECHNOLOGY

The main aim of this programme is to equip students with the technical knowledge and skills in computer science, with a further focus on the design and development of interactive software. The widespread use of interactive multimedia across all digital content and platforms ensure that the skill sets developed during the course of study of this programme are highly sought after upon graduation. These skills can be utilised for the development of mobile applications, video games, simulators, data visualisation, electronic magazines, digital marketing content and platforms, educational and training materials, as well as other interactive multimedia applications.

Students will study courses related to game development and programming, as well as game design and graphics programming. Students will be exposed to other computer science fields like artificial intelligence and human computer interaction.

Students will have an opportunity to work with the industry through their 6 months industrial training and carry out real-life projects on interactive software development. All such training will add value to their employment opportunities and career development.

Career Prospects

- Games Designers
- Games Developers
- Games Programmers
- Games Software Engineers
- Games Producers
- Games Testers
- Graphic/Visualisation programmers
- Web Designers/Web Developers
- Multimedia Developers
- Software Developers/Software Programmers
- Mobile Application Developers
- Systems Analysts

Level & Campus

Bachelor of Computer Science (Honours) in Interactive Software Technology - 3 years

- **KL** (R/481/6/0374)(09/23)(MQA/FA3929)

■ **KL** - Kuala Lumpur Campus

COMPUTER SCIENCE

The Diploma in Computer Science programme is designed to train students in both theoretical knowledge and practical skills for analysis, design and development of software and website. Students will learn the foundation courses in computer science such as operating systems, computer network, computer systems architecture, object-oriented programming techniques, database, calculus, statistics, algebra and discrete mathematics. Students will have an opportunity to work with the industry through their 10 weeks of industrial training and to carry out real-life projects on computer science. All such training will add value to their qualification and later to their employment opportunities.

Career Prospects

- Junior Analyst Programmers
- Junior Systems Analysts
- Junior Web Developer
- Junior Web Designer
- Junior Software Developers
- Junior Database Administrator

Level & Campus

Diploma in Computer Science - 2 years

- **KL** (R/481/4/0345)(08/23)(AA0109)
- **PG** (R/481/4/0354)(09/23)(AA0139)

■ **KL** - Kuala Lumpur Campus   ■ **PG** - Penang Branch

INFORMATION TECHNOLOGY

The Diploma in Information Technology programme is designed to equip students with the technical knowledge and skills in information systems development. Courses like Web Design and Development, Object-Oriented Programming, GUI & Web Application Programming, Computer Systems Architecture and Fundamentals of Computer Networks are offered in addition to the foundation of computer science (programming concepts, database, systems analysis and design and operating systems). Students will also have the opportunity to experience 10 weeks of industrial training in related industries.

Career Prospects

- Junior Programmers
- Junior Systems Analysts
- Junior Network Support Officers
- Junior IT Support Executives
- Junior IT Executives
- Web Developers

Level & Campus

Diploma in Information Technology - 2 years

- **KL** (R/482/4/0196)(08/23)(AA0111)
- **PG** (R/482/4/0203)(09/23)(AA0141)
- **PK** (R/482/4/0200)(09/23)(AA0154)
- **JH** (R/482/4/0199)(09/23)(AA0163)
- **PH** (R/482/4/0198)(12/23)(AA0168)
- **SB** (R/482/4/0197)(12/23)(AA0122)

INFORMATION SYSTEMS

Diploma in Information Systems programme prepares students to effectively implement information systems in organisations. In addition to analysing, planning and developing software programs, business aspects of the organisations like Accounting and Logistics Operation are also emphasised to aid the understanding of the common business processes available in organisations, and later on to enterprise resource planning using the SAP systems.

Career Prospects

- Junior Programmers
- Junior Systems Analysts
- Junior SAP Support Consultants
- Junior IT Support Executives
- Junior IT Executives

Level & Campus

Diploma in Information Systems - 2 years

- **KL** (R/482/4/0195)(08/23)(AA0110)
- **PG** (R/482/4/0202)(09/23)(AA0140)
- **PK** (R/482/4/0201)(09/23)(AA0153)

KL - Kuala Lumpur Campus   **PG** - Penang Branch   **PK** - Perak Branch
JH - Johor Branch   **PH** - Pahang Branch   **SB** - Sabah Branch

ACADEMIA-INDUSTRY
COLLABORATION

MDEC Premier Digital Tech Institution

Cisco Academy | CompTIA ACADEMY | IBM Center of Excellence | SAS Joint Certificate Programme

AWS Educate | Oracle Academy | SAP University Alliance Programme

Microsoft Azure
DevTools for Teaching

INDUSTRY PROFESSIONAL
CERTIFICATION

Students are prepared to go for Industry Professional Certification to be well equipped for the workforce according to focus areas:

Programme	Industry Professional Certification
Bachelor of Software Engineering (Honours)	ISTQB® Certified Tester Foundation Level (CTFL)
Bachelor of Information Technology (Honours) in Software Systems Development	Cisco Certified Network Associate (CCNA) CompTIA Linux+ - Elective Course CompTIA A+
Bachelor of Information Technology (Honours) in Internet Technology	Cisco Certified Network Associate (CCNA) CompTIA A+
Bachelor of Information Technology (Honours) in Information Security	Cisco Certified Network Associate (CCNA) CompTIA A+ CompTIA Security+ CompTIA Linux+
Bachelor of Science (Honours) in Management Mathematics with Computing	CompTIA A+
Bachelor of Computer Science (Honours) in Interactive Software Technology	CompTIA A+

Note: The above arrangement is valid at the point of printing and may change from time to time to ensure the best value and quality is offered to students. Students are advised to obtain the latest information from the Faculty from time to time.

BACHELOR DEGREE
ENTRY REQUIREMENTS

	STPM	A Level	UEC	Other IHL	TAR UMT/TAR UC
Bachelor of Computer Science (Honours) in Interactive Software Technology **Bachelor of Software Engineering (Honours)** **Bachelor of Computer Science (Honours) in Data Science**	Grade C in 2 relevant subjects	Grade D in 2 relevant subjects	Grade B in 5 relevant subjects	▪ Relevant Foundation accredited by MQA	▪ Foundation in Computing (Track A) OR ▪ Relevant Diploma (with minimum CGPA 2.5000)^

AND
SPM Credit in Additional Mathematics/
O Level Grade C in Mathematics-Additional/
UEC Grade B in one mathematics subject

▪ Relevant Diploma (with minimum CGPA 2.5000)^ accredited by MQA

AND
SPM Credit/
O Level Grade C in Mathematics/
UEC Grade B in one mathematics subject

AND
SPM Pass/**O Level** Grade E (Pass)/**UEC** Grade C in English Language**

OR

	STPM	A Level
	Grade C in one mathematics and one science/ICT subject (Science Stream)	Grade D in one mathematics and one science/ICT subject

AND
SPM Pass/**O Level** Grade E (Pass)/**UEC** Grade C in English Language**

OR

STPM	A Level	UEC
Grade C in 2 relevant subjects	Grade D in 2 relevant subjects	Grade B in 5 relevant subjects

AND
SPM Credit in Mathematics and one science/technology/engineering subject OR **O Level** Grade C in Mathematics and one science/technology/engineering subject

AND
SPM Pass/**O Level** Grade E (Pass)/**UEC** Grade C in English Language**

AND
Grade C in AMMS0204 Mathematics conducted by TAR UMT

^ *Graduates with CGPA 2.0001 - 2.4999 are required to sit and pass a Qualifying Test.*

** *Grade C and above in AELE0364 English Language conducted by TAR UMT is accepted as having fulfilled the English Language requirement for applicants who fail English Language at SPM/O Level/UEC.*

Note:
a) Students without a credit in SPM Bahasa Melayu are required to pass Bahasa Kebangsaan A before the award of Bachelor Degree.
b) TAR UMT/TAR UC Diploma will be accepted on credit transfer into Bachelor Degree programmes.
c) Equivalent qualifications/qualifications from other Institution of Higher Learning (IHL) will be considered on a case-by-case basis.
d) Subject to the Ministry of Higher Education latest requirements.

BACHELOR DEGREE
ENTRY REQUIREMENTS

Bachelor of Science (Honours) in Management Mathematics with Computing	STPM	A Level	UEC	Other IHL	TAR UMT/TAR UC
	Grade C in 2 relevant subjects	Grade D in 2 relevant subjects	Grade B in 5 relevant subjects	Relevant Foundation/ Diploma accredited by MQA	▪ Foundation in Science (Track A) OR ▪ Relevant Diploma
	AND SPM Credit/O Level Grade C in Mathematics/ UEC Grade B in one mathematics subject				
	AND SPM Pass/O Level Grade E (Pass)/UEC Grade C in English Language**				

	STPM	A Level	UEC	Other IHL	TAR UMT/TAR UC
Bachelor of Information Systems (Honours) in Enterprise Information Systems **Bachelor of Information Technology (Honours) in Software Systems Development** **Bachelor of Information Technology (Honours) in Internet Technology** **Bachelor of Information Technology (Honours) in Information Security**	Grade C in 2 relevant subjects	Grade D in 2 relevant subjects	Grade B in 5 relevant subjects	▪ Relevant Foundation accredited by MQA ▪ Relevant Diploma (with minimum CGPA 2.5000)^ accredited by MQA	▪ Foundation in Computing (Track B) OR ▪ Relevant Diploma (with minimum CGPA 2.5000)^
	AND SPM Credit/O Level Grade C in Mathematics/ UEC Grade B in one mathematics subject				
	AND SPM Pass/O Level Grade E (Pass)/UEC Grade C in English Language**				

^ Graduates with CGPA 2.0001 - 2.4999 are required to sit and pass a Qualifying Test.

*** Grade C and above in AELE0364 English Language conducted by TAR UMT is accepted as having fulfilled the English Language requirement for applicants who fail English Language at SPM/O Level/UEC.*

Note:
a) Students without a credit in SPM Bahasa Melayu are required to pass Bahasa Kebangsaan A before the award of Bachelor Degree.
b) TAR UMT/TAR UC Diploma will be accepted on credit transfer into Bachelor Degree programmes.
c) Equivalent qualifications/qualifications from other Institution of Higher Learning (IHL) will be considered on a case-by-case basis.
d) Subject to the Ministry of Higher Education latest requirements.

DIPLOMA
ENTRY REQUIREMENTS

Diploma in Computer Science

Diploma in Computer Science (Data Science)

SPM	O Level	UEC	Certificate
3 Credits in the relevant subjects	3 Grade C in the relevant subjects	3 Grade B in the relevant subjects	▪ Relevant Certificate accredited by MQA

Compulsory subjects:

(i) **SPM** Credit in Additional Mathematics/**O Level** Grade C in Mathematics-Additional/**UEC** Grade B in one mathematics subject
(ii) **SPM** Pass/**O Level** Grade E (Pass)/**UEC** Grade C in English Language**

Certificate:
▪ Relevant Certificate accredited by MQA

OR

▪ Relevant Skilled/ Technical/ Vocational Certificate accredited by MQA or recognised by the Malaysian Government

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Diploma in Information Systems

Diploma in Information Technology

Diploma in Software Engineering

SPM	O Level	UEC	Certificate
3 Credits in the relevant subjects	3 Grade C in the relevant subjects	3 Grade B in the relevant subjects	▪ Relevant Certificate accredited by MQA

Compulsory subjects:

(i) **SPM** Credit/**O Level** Grade C in Mathematics/**UEC** Grade B in one mathematics subject
(ii) **SPM** Pass/**O Level** Grade E (Pass)/**UEC** Grade C in English Language**

Certificate:
▪ Relevant Certificate accredited by MQA

OR

▪ Relevant Skilled/ Technical/ Vocational Certificate accredited by MQA or recognised by the Malaysian Government

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** Grade C and above in AELE0364 English Language conducted by TAR UMT is accepted as having fulfilled the English Language requirement for applicants who fail English Language at SPM/O Level/UEC.

Note:
a) SPM holders must have at least a pass in Bahasa Melayu and SPM holders from Year 2013 onwards must have at least a pass in Sejarah.
b) Students without a credit in SPM Bahasa Melayu are required to pass Bahasa Kebangsaan A before the award of Diploma.
c) Equivalent qualifications/qualifications from other Institution of Higher Learning (IHL) will be considered on a case-by-case basis.
d) Subject to the Ministry of Higher Education latest requirements.

FOUNDATION
ENTRY REQUIREMENTS

BACHELOR DEGREE	FOUNDATION	ENTRY REQUIREMENTS		
		SPM	**O LEVEL**	**UEC**
Bachelor of Information Systems (Honours) in Enterprise Information Systems **Bachelor of Information Technology (Honours) in Software Systems Development** **Bachelor of Information Technology (Honours) in Internet Technology** **Bachelor of Information Technology (Honours) in Information Security**	Foundation in Computing (Track B)	5 Credits in the relevant subjects which must include,	5 Grade C in the relevant subjects which must include,	3 Grade B in the relevant subjects which must include,
		SPM Credit/**O Level** Grade C/**UEC** Grade B in one mathematics subject **AND** **SPM** Pass/**O Level** Grade E (Pass)/**UEC** Grade C in English Language**		
Bachelor of Software Engineering (Honours) **Bachelor of Computer Science (Honours) in Interactive Software Technology** **Bachelor of Computer Science (Honours) in Data Science**	Foundation in Computing (Track A)	5 Credits in the relevant subjects which must include,	5 Grade C in the relevant subjects which must include,	3 Grade B in the relevant subjects which must include,
		SPM Credit in Mathematics <u>AND</u> Additional Mathematics/**O Level** Grade C in Mathematics <u>AND</u> Mathematics-Additional/**UEC** Grade B in Advanced Mathematics (I or II) **AND** **SPM** Pass/**O Level** Grade E (Pass)/**UEC** Grade C in English Language**		
Bachelor of Science (Honours) in Management Mathematics with Computing	Foundation in Science (Track A)	5 Credits in the relevant subjects which must include,	5 Grade C in the relevant subjects which must include,	3 Grade B in the relevant subjects which must include,
		SPM Credit/**O Level** Grade C/**UEC** Grade B in one mathematics subject and two relevant science subjects **AND** **SPM** Pass/**O Level** Grade E (Pass)/**UEC** Grade C in Physics, Chemistry and English Language		

** Grade C and above in AELE0364 English Language conducted by TAR UMT is accepted as having fulfilled the English Language requirement for applicants who fail English Language at SPM/O Level/UEC.

Note:
a) SPM holders must have at least a pass in Bahasa Melayu <u>and</u> SPM holders from Year 2013 onwards must have at least a pass in Sejarah.
b) Equivalent qualifications other than the above will be considered on a case-by-case basis.
c) Subject to the Ministry of Higher Education latest requirements.

APJC NetAcad Riders Competition 2022
Silver Award : Yap Zhi Min, Long Shi Yan, Tan Wei Ting
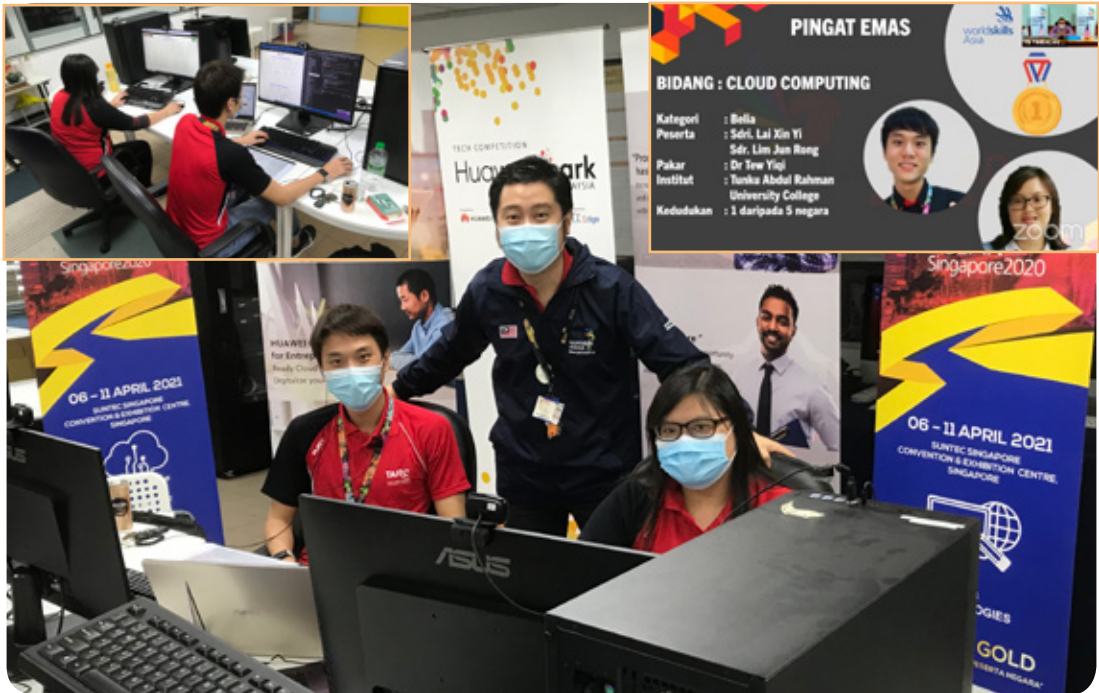(Top row from left)
Bronze Award : Ng Jun Chen, Hector Lim Jeng Yann
(Bottom row from left)

Worldskills Malaysia University Challenge 2021
(From left): Chai Qing Hao, Chong Yong Xuan and Neo Yin won the Gold, Silver and Bronze medals respectively in the Mobile Application Development category

STUDENT ACHIEVEMENTS

WorldSkills Asia Online Friendly Skills Games 2021, Cloud Computing Category, 1st Place (Gold Medal). (Top Left) Participants engaged in the competition for 30 hours using HuaweiCloud Solution. (Top Right) Prize giving ceremony conducted by Department of Skills Development, Ministry of Human Resource. (Standing) Dr Tew Yiqi, appointed as Malaysia Team Expert, (Sitting from left to right) Lim Jun Rong, Lai Xin Yi in a group photo taken during the end of the competition, at Centre of Computational Intelligence Laboratory.

F-Secure Cyber Security 2020 Competition (3rd place)
(From left to right): Mr Victor Lo, Head of CyberSecurity, MDeC, Wong Yik Han, Lim Zhi Xuan, Chuah Seong Rong and Mr Calvin Gan, Manager, Tactical Defense Unit, F-Secure Corporation, in a group photo taken during the prize presentation.

MERIT SCHOLARSHIP

Automatically offered upon admission

Diploma/Foundation Programmes

Entry Qualification	Criteria	Waiver of Tuition Fee
SPM O Level	Minimum 8A+/A Minimum 8As	**100%**
SPM O Level	8As* 7As	**50%**
SPM O Level	7As* 6As	**25%**
SPM	6As*	**20%** Foundation programmes only
SPM	5As*	**15%** Foundation programmes only

*SPM As : A+/A/A-

Bachelor Degree Programmes

Entry Qualification	Criteria	Waiver of Tuition Fee
STPM / A Level	3As	**100%**
Unified Examination Certificate (UEC)	8As	
*TAR UMT/TAR UC Diploma/ *TAR UMT/TAR UC Foundation/ Matriculation	CGPA ≥ 3.8500	
South Australian Matriculation (SAM)/ Western Australian Certificate of Education (WACE)/ Higher School Certificate (HSC)	≥ ATAR 95	
Canadian Pre-University (CPU)	≥ 95%**	
STPM / A Level	2As	**50%**
Unified Examination Certificate (UEC)	7As	
*TAR UMT/TAR UC Diploma/ *TAR UMT/TAR UC Foundation/ Matriculation	CGPA ≥ 3.7500	
South Australian Matriculation (SAM)/ Western Australian Certificate of Education (WACE)/ Higher School Certificate (HSC)	≥ ATAR 90	
Canadian Pre-University (CPU)	≥ 90%**	
Unified Examination Certificate (UEC)	6As	**25%**
Unified Examination Certificate (UEC)	5As	**20%**

Including A-

*Must have obtained straight passes in all courses (including co-curriculum courses for diploma)
**For all subjects with a minimum of 6 subjects

Only applicable for full-time programmes.
Terms & Conditions apply.

For further information, please contact:

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