2024

![TARUMT Logo]

TAR UMT
TUNKU ABDUL RAHMAN UNIVERSITY OF
MANAGEMENT AND TECHNOLOGY

BEYOND EDUCATION

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

> *Enrolling with TAR UMT has been a life-changing decision for me. The professional academic staff and great learning environment helped me absorb the knowledge while sharpening my skills required for a professional career in software engineering. On top of that, there are opportunities to explore a diverse range of clubs, societies and activities that helped cultivate my leadership abilities and collaborative skills. I am proud of how much I've grown these past four years - thank you TAR UMT for changing my life!*

Bachelor of Software Engineering (Honours) - Graduated in 2023

LIM ZHI SHUANG
★★★★★

> *TAR UMT offered a remarkable experience and significant impact on my tertiary education journey. On top of being affordable, the quality of the education here is unquestionably top notch. I was taught both the necessary technical skills for my chosen field of study, and essential soft skills that will help me prepare for the transition to a promising professional career. I will always cherish the great memories I created during my TAR UMT student life.*

Bachelor of Software Engineering (Honours) - Graduated in 2023

JON CHEW CHUN WAI
★★★★★

> *I thoroughly enjoyed my time at TAR UMT. The vibrant campus life, supportive faculty staff, and conducive academic environment made my study life truly enriching. From the diverse range of courses to the exciting extracurricular activities, TAR UMT provided me with a satisfying and comprehensive learning experience. I am proud to be an alumna of TAR UMT and will forever cherish the memories and knowledge I gained during my time here.*

Bachelor of Science (Honours) in Management Mathematics with Computing
- Graduated in 2023

OH KANG MIN
★★★★★

The Faculty of
Computing and Information Technology is
ISO 9001:2015 Certified

QUALITY SYSTEM
SIRIM

IQNET
RECOGNIZED CERTIFICATION

CERTIFIED TO ISO 9001:2015
CERT. NO. : MY-QMS 02847

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

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

MDEC™
Premier Digital Tech Institution

The laboratories are well-equipped with **modern facilities** and **state-of-the-art equipment.**

Close link with **industry partners**.

Why study at the

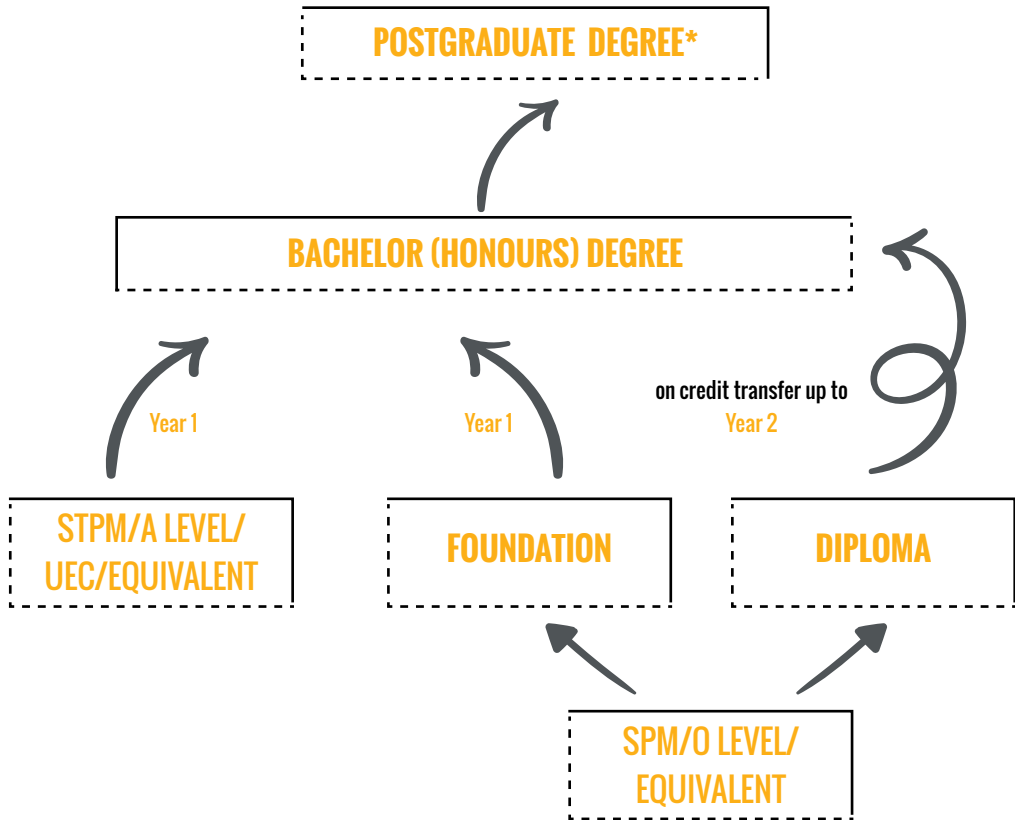# FACULTY OF COMPUTING AND INFORMATION TECHNOLOGY

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

Year 1 | Year 1 | on credit transfer up to Year 2

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)

2024 INTAKES

FEBRUARY	COMMENCEMENT DATE:
• Foundation	
• Selected Bachelor Degree/ Diploma programmes	19/02/2024

JUNE	COMMENCEMENT DATE:
• Foundation	21/06/2024
• Bachelor Degree & Diploma	24/06/2024

OCTOBER/NOVEMBER	COMMENCEMENT DATE:
• Foundation	11/10/2024
• Selected Bachelor Degree/ Diploma programmes	14/11/2024

PROGRAMMES OFFERED

Foundation (1 Year)

> Foundation in Computing
> **KL/PG**

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

Bachelor Degree (3 Years)

➤ 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**

➤ 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 Information Security **KL**

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

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

PROGRAMMES OFFERED

Diploma (2 Years)   on credit transfer up to *Year 2* →   **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**

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

➤ 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 Information Technology **KL/PG/PK/JH/PH/SB**

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

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

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

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

➤ Diploma in Computer 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

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 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.

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** (R2/0540/6/0004A)(09/28)(MQA/FA3925)

■ **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** (R2/0612/6/0375)(09/28)(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

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** (R/0613/6/0021)(02/29)(MQA/FA10784)
- **PG** (N/481/6/0815)(06/24)(MQA/PA10813)

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

INTERACTIVE SOFTWARE TECHNOLOGY

Graduates of this programme will be equipped with the technical knowledge and skills in computer science, and a further focus on the design and development of interactive software. The widespread use of interactive multimedia across all digital platforms ensure that the skill sets developed during the course of study of this programme are highly sought after upon graduation. These highly adaptable skills can be utilised for the development of mobile applications, video games, simulators, data visualisation, VR/AR/MR experiences, 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 also develop a strong foundation in 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 Testers
- Graphic/Visualisation programmers
- Multimedia Developers
- Software Developers/Software Programmers
- Mobile Application Developers

Level & Campus

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

- **KL** (R2/0613/6/0374A) (09/28) (MQA/FA3929)

KL - Kuala Lumpur Campus

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** (R2/482/6/0379A)(09/28)(MQA/FA3933)
• **PG** (R/482/6/0170A)(12/28)(MQA/FA10769)
• **PK** (R/482/6/0172)(12/28)(MQA/FA10768)
• **JH** (R/0611/6/0171)(12/28)(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

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** (R2/0611/6/0380A)(09/28)(MQA/FA3934)

KL - Kuala Lumpur Campus

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** (R2/0611/6/0376A)(09/28)(MQA/FA3931)

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** (R2/481/4/0345A)(09/28)(AA0109)
- **PG** (R2/0613/4/0354A)(09/28)(AA0139)
- **JH** (R/481/4/0761)(07/26)(MQA/FA7636)

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

INFORMATION TECHNOLOGY

The Diploma in Information Technology programme is designed to equip students with the technical knowledge and skills in using technologies relevant to information systems development. Courses like Web and Mobile Systems, Web-Based Integrated Systems, Object-Oriented Programming, Introduction to Cybersecurity, Introduction to Interface Design, Information Management, Cloud Computing for Business and Fundamentals of Computer Networks are offered in addition to the foundation of computer science (problems solving and programming, computer architecture, database, systems analysis and design and operating systems) courses. Students will also have the opportunity to experience 20 weeks of industrial training in related industries. Graduates of this discipline should be able to work effectively at planning, implementing, configuring and maintaining an organisation's computing infrastructure. They are to be prepared to succeed in roles involving planning and managing technology infrastructure.

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** (R2/482/4/0196A)(08/28)(AA0111)
- **PG** (R2/0611/4/0203A)(09/28)(AA0141)
- **PK** (R2/482/4/0200A)(09/28)(AA0154)
- **JH** (R2/0611/4/0199A)(09/28)(AA0163)
- **PH** (R2/0611/4/0198A)(12/28)(AA0168)
- **SB** (R2/0611/4/0197A)(12/28)(AA0122)

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

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 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

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

Grade C in 2 relevant subjects	Grade D in 2 relevant subjects	Grade B in 5 relevant subjects

AND
SPM Credit/**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**				

Bachelor of Information Systems (Honours) in Enterprise Information Systems Bachelor of Information Technology (Honours) in Software Systems Development Bachelor of Information Technology (Honours) in Information Security	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 accredited by MQA ▪ Relevant Diploma (with minimum CGPA 2.5000)^ accredited by MQA	▪ Foundation in Computing 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

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

Compulsory subjects:

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

   OR

   SPM Credit/**O Level** Grade C in Mathematics AND Grade C in AMMS0204 Mathematics conducted by TAR UMT

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

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

Compulsory subjects:

(i) **SPM** Credit in Mathematics or Additional Mathematics/ **O Level** Grade C in Mathematics or Mathematics-Additional/**UEC** Grade B in one mathematics subject

(ii) **SPM** Pass/**O Level** Grade E (Pass)/**UEC** Grade C in 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 and SPM holders from Year 2013 onwards must also 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 Information Security** **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	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 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 and SPM holders from Year 2013 onwards must also 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.

STUDENT ACHIEVEMENTS

Worldskills ASEAN 2023
Two Bachelor of Software Engineering (Hons) students represented Malaysia at the Worldskills ASEAN 2023 held in Singapore and successfully won the Medallion for Excellence award in the Internet of Things (IoT) category.

Cisco NetAcad Riders Competition 2022
Long Shi Yan (left), Malaysia's third highest scorer and Silver Certificate winner in the Cisco NetAcad Riders Competition 2022.

On the right are the other TAR UMT students receiving their Silver and Bronze Certificates during the award presentation ceremony.

ACHIEVEMENT / ACTIVITY

TAR UMT: A Premier Digital Tech Institution

In a groundbreaking development that underscores its commitment to excellence in digital education, TAR UMT has been recognised as a Premier Digital Tech Institution (PDTI) by the Malaysia Digital Economy Corporation (MDEC) since 2017. PDTIs are renowned tertiary institutions in Malaysia that specialise in digital tech education with a proven track record in producing high-quality graduates who are well-equipped for high-value jobs in the digital tech industry.

Visitation by IPG Kampus Pendidikan Teknik

On 18 August 2023, TAR UMT welcomed distinguished visitors from Institut Pendidikan Guru (IPG) Kampus Pendidikan Teknik who were introduced to the various fields of study under FOCS, each sharing their knowledge and expertise on practical applications in various cutting edge technologies such as AI, data science, augmented reality, and many more.

MERIT SCHOLARSHIP
Automatically offered upon admission

SIBLING DISCOUNT RM1000 *T & C Apply*

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%**	
STPM*** / A Level***	1A	**25%**
Unified Examination Certificate (UEC)	6As	
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
***Effective June 2024 Intake

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

For further information, please contact:

Faculty of Computing and Information Technology
Telephone: (6) 03 4145 0100/23 ext. 3233
Email: focs@tarc.edu.my
(6)011-1075 8554

Kuala Lumpur Campus
Jalan Genting Kelang, Setapak, 53300 Kuala Lumpur, Malaysia.
Telephone: (6) 03 4145 0100/23
E-mail: info@tarc.edu.my

Penang Branch
77, Lorong Lembah Permai Tiga, 11200 Tanjong Bungah, Penang, Malaysia.
Telephone: (6) 04 899 5230
E-mail: penang@tarc.edu.my
011-1082 5618

Perak Branch
Jalan Kolej, Taman Bandar Baru, 31900 Kampar, Perak, Malaysia.
Telephone: (6) 05 466 0388, 466 8012/3
E-mail: perak@tarc.edu.my
011-1075 8513

Johor Branch
Jalan Segamat/Labis, 85000 Segamat, Johor, Malaysia.
Telephone: (6) 07 927 0801/3
E-mail: johor@tarc.edu.my
011-1082 5624

Pahang Branch
Jalan IM 9/2, Indera Mahkota 9, 25200 Kuantan, Pahang, Malaysia.
Telephone: (6) 09 573 8171/2/3
E-mail: pahang@tarc.edu.my
011-1082 5631

Sabah Branch
No 1, Jalan Alamesra, Alamesra, 88450 Kota Kinabalu, Sabah, Malaysia.
Telephone: (6) 088 348 080
E-mail: sabah@tarc.edu.my
011-1082 5619

www.tarc.edu.my

Follow us on

MDEC Premier Digital Tech Institution

SETARA 2019 VERY COMPETITIVE UNIVERSITY COLLEGE

QUALITY SYSTEM SIRIM   IQNET
CERTIFIED TO ISO 9001:2015
CERT. NO. : MY-QMS 02847

FACULTY OF COMPUTING AND INFORMATION TECHNOLOGY