



2022

FACULTY OF
**COMPUTING and
INFORMATION
TECHNOLOGY**

Undergraduate Programmes

TAR UC 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



CHEN YEW SENG

TAR UC is not only a fount of knowledge and skills but also a great place to build lasting friendships and memorable experiences. The commitment and dedication of the lecturers towards students' well-being and development is unquestionable! I especially appreciate the many opportunities to participate in competitions as these experiences are very valuable for future employment. In a nutshell, TAR UC is a great institution that focuses on developing students to have solid grounding in academic knowledge and essential industry skills to help us excel and grow in our careers and life.

.....
Bachelor of Information Technology (Honours) in Internet Technology - TAR UC (2021)



SUM KAH ZHENG

The programme structure and contents are comprehensive and related to the industry. This ensures graduates are well-equipped with technical skills and knowledge needed for employment. This also includes having critical thinking skills and the ability to present our ideas well which are important in today's world. Additionally, having lecturers who ensure students fully understand the subjects and contents is what strengthens TAR UC's quality education. I also have to say that the confidence I have in facing various challenges in the corporate world, from problem-solving to collaborating with co-workers is a valuable trait I have acquired as a TAR UC student. I am truly glad to complete my education here.

.....
Bachelor of Computer Science (Honours) in Software Engineering - TAR UC (2021)



CHOO YUN BEI

I can vouch for TAR UC's spirit of 'Beyond Education' as students are not only equipped with basic theories, but there is a lot of emphasis on involving students in advanced practical and hands-on experiences. In addition, students can leverage on TAR UC's recognition and connection with industry leaders to gain internship or learning opportunities as well as industry trainings and exposure.

.....
Bachelor of Information Systems (Honours) in Enterprise Information Systems - TAR UC (2021)

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



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 instills 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.

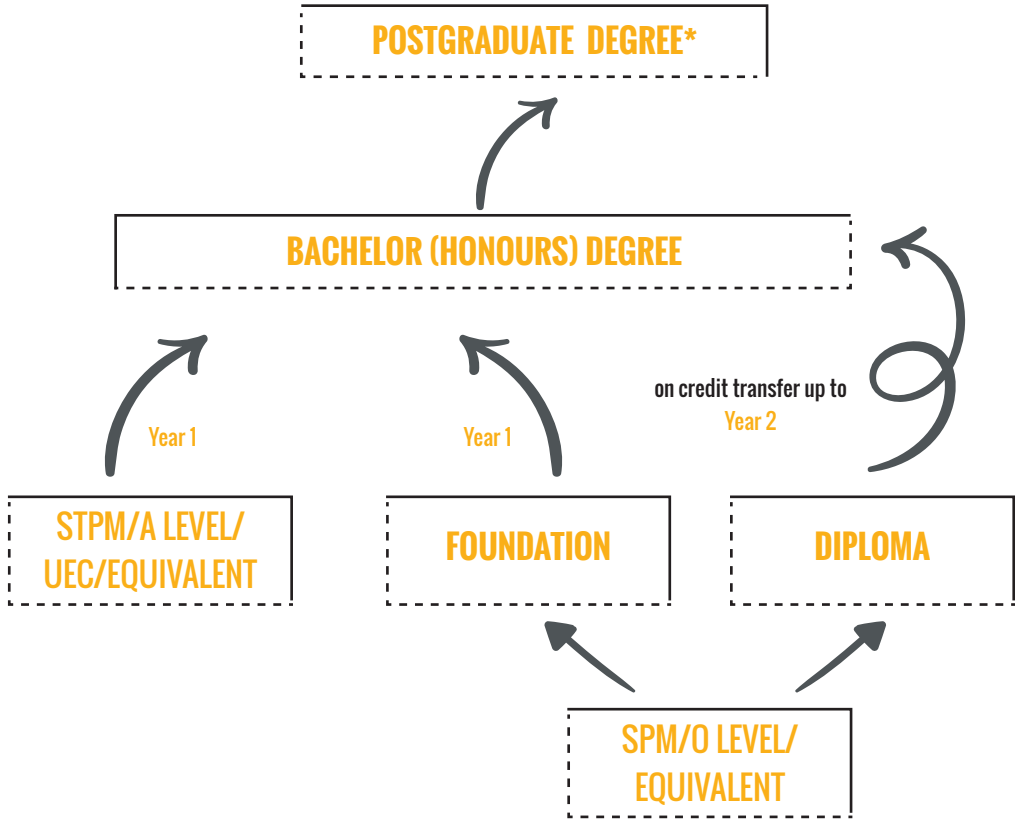
Wide range of alternative progression routes for further studies, **both locally as well as overseas**.

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

GENERAL PROGRESSION ROUTE

03

GENERAL PROGRESSION ROUTE



* 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/PA10771)
- **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)

2022 INTAKES

JANUARY/FEBRUARY

COMMENCEMENT DATE:

- Selected Bachelor Degree/
Diploma programmes | 17/01/2022
- Foundation | 07/02/2022

JUNE

COMMENCEMENT DATE:

- Foundation | 24/06/2022
- Bachelor Degree & Diploma | 27/06/2022

OCTOBER/NOVEMBER

COMMENCEMENT DATE:

- Foundation | 14/10/2022
- Selected Bachelor Degree/
Diploma programmes | 18/11/2022

PROGRAMMES OFFERED

Foundation (1 Year)

Bachelor Degree (3 Years)

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

- Bachelor of Computer Science (Honours) in Software Engineering **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

Diploma (2 Years)	on credit transfer up to Year 2 →	Bachelor Degree (3 Years)
<p>➤ Diploma in Computer Science KL/PG</p>		➤ Bachelor of Computer Science (Honours) in Interactive Software Technology KL
		➤ Bachelor of Computer Science (Honours) in Data Science KL/PG
		➤ Bachelor of Computer Science (Honours) in Software Engineering KL/PG
		➤ Bachelor of Science (Honours) in Management Mathematics with Computing KL
<p>➤ Diploma in Information Systems KL/PG/PK</p>		➤ Bachelor of Information Systems (Honours) in Enterprise Information Systems KL
<p>➤ Diploma in Information Technology KL/PG/PK/JH/PH/SB</p>		➤ 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
<p>➤ Diploma in Computer Science (Data Science) JH</p>		➤ 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
<p>➤ Diploma in Software Engineering SB</p>		➤ Bachelor of Computer Science (Honours) in Software Engineering KL/PG

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)



INFORMATION SECURITY

07

PROGRAMMES

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)

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 testing and software project management. With the coverage of fundamentals of computer science such as human computer interaction and artificial intelligence, graduates of this programme will have a solid foundation to create innovative solutions for the industry or to pursue further studies at postgraduate level in the area of computer science or software engineering.

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 Computer Science (Honours)
in Software Engineering - 3 years

- **KL** (R/481/6/0375)(09/23)(MQA/FA3930)
- **PG** (N/481/6/0818)(10/24)(MQA/PA10814)

Diploma in Software Engineering - 2 years

- **SB** (N/481/4/0779)(08/22)(MQA/FA7566)

- **KL** - Kuala Lumpur Main Campus
- **PG** - Penang Branch Campus
- **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 engineering 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/PA10767)
- **PH** (N/482/6/0187)(10/24)(MQA/PA12301)
- **SB** (N/482/6/0185)(09/24)(MQA/PA12302)

■ **KL** - Kuala Lumpur Main Campus

■ **PG** - Penang Branch Campus

■ **PK** - Perak Branch Campus

■ **JH** - Johor Branch Campus

■ **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.

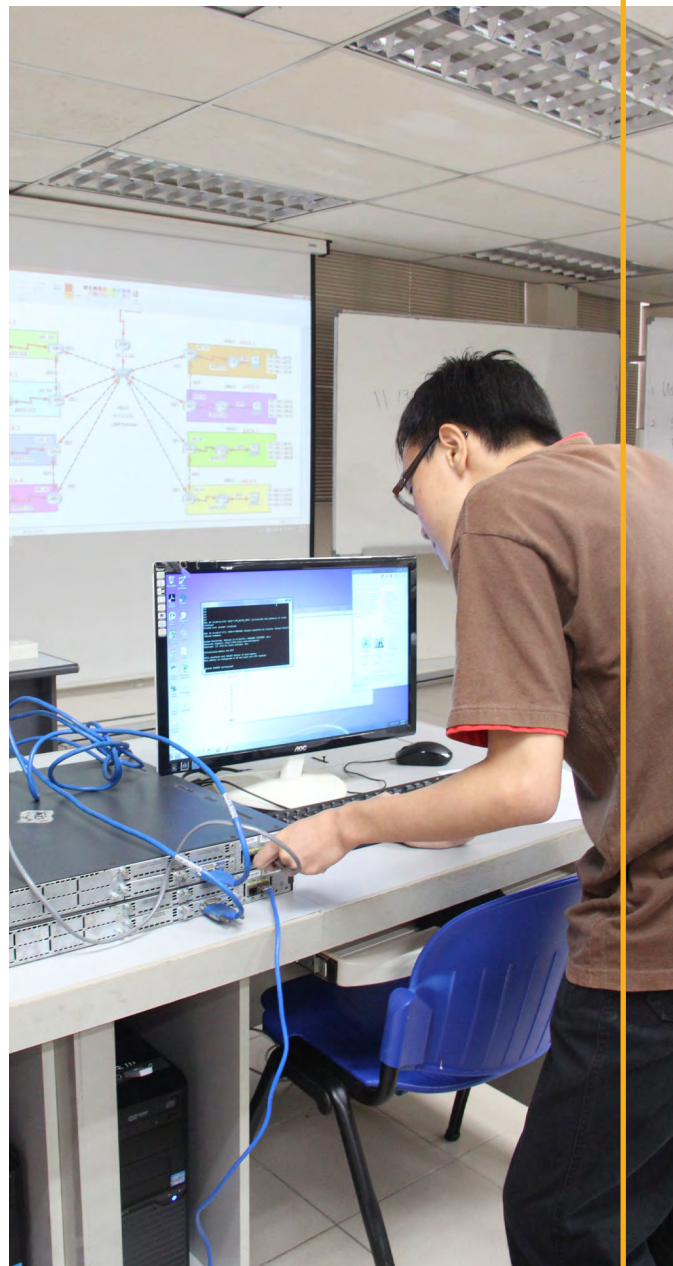
Career Prospects

- 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/PA10736)



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

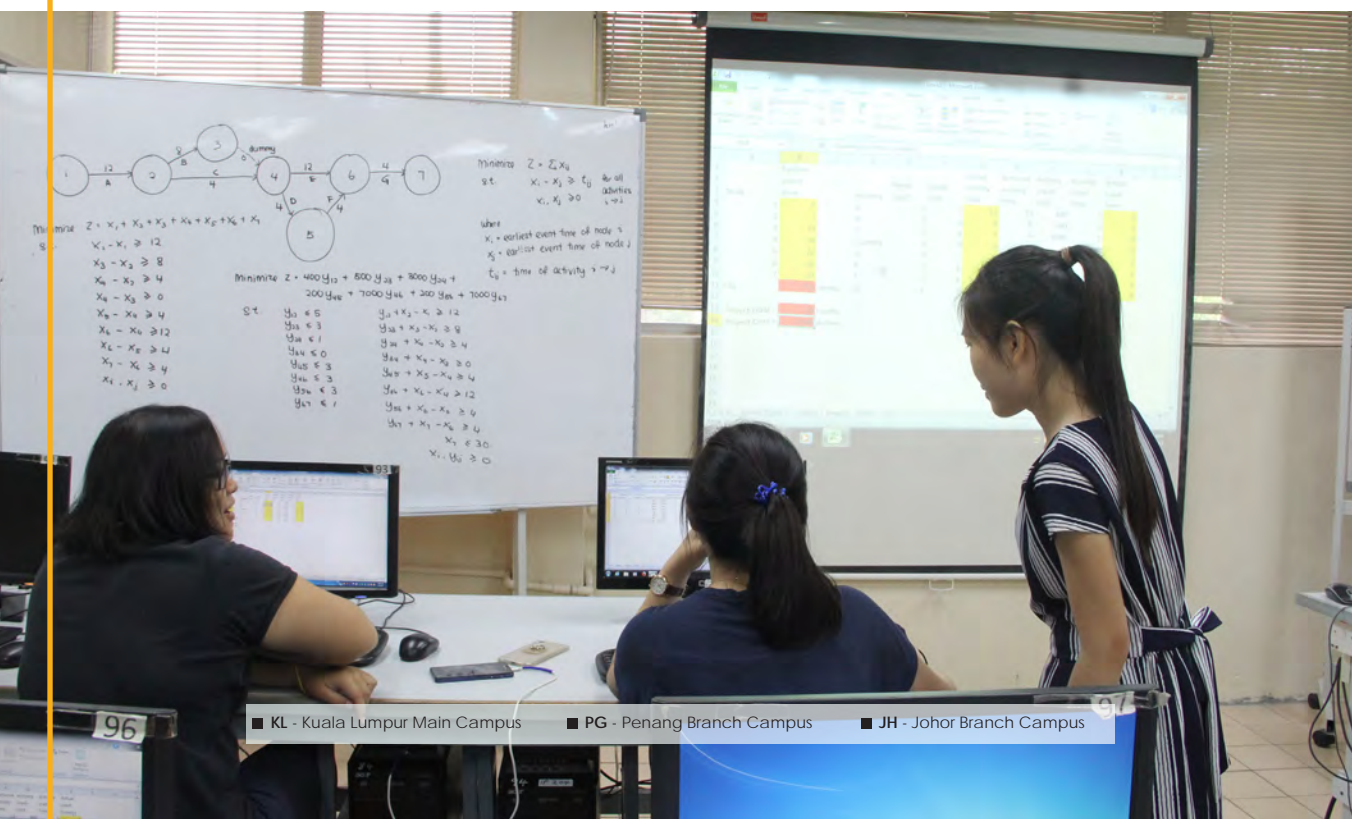
Level & Campus

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

- **KL** (N/481/6/0808)(02/24)(MOA/PA10784)
- **PG** (N/481/6/0815)(06/24)(MOA/PA10813)

Diploma in Computer Science
(Data Science)- 2 years

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



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)



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 Software Engineers
- Junior Systems Engineers
- 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)



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 Main Campus

■ PG - Penang Branch Campus

■ PK - Perak Branch Campus

■ JH - Johor Branch Campus

■ 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 Computer Science (Honours) in Software Engineering	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 UC
Bachelor of Computer Science (Honours) in Interactive Software Technology	Grade C in 2 relevant subjects	Grade C 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)^
Bachelor of Computer Science (Honours) in Software Engineering				■ Relevant Diploma (with minimum CGPA 2.5000)^	
Bachelor of Computer Science (Honours) in Data Science				AND SPM Credit in Mathematics/ 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 C 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 C 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 UC				

^ 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 UC is accepted as having fulfilled the English Language requirement for applicants who fail English Language at SPM/O Level/UEC.

Note:

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

BACHELOR DEGREE ENTRY REQUIREMENTS

	STPM	A Level	UEC	Other IHL	TAR UC
Bachelor of Science (Honours) in Management Mathematics with Computing	Grade C in 2 relevant subjects	Grade C in 2 relevant subjects	Grade B in 5 relevant subjects	Relevant Foundation/ Diploma accredited by MQA	<ul style="list-style-type: none"> Foundation in Science (Track A)
	AND				<ul style="list-style-type: none"> OR Relevant Diploma
	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 UC
Bachelor of Information Systems (Honours) in Enterprise Information Systems	Grade C in 2 relevant subjects	Grade C in 2 relevant subjects	Grade B in 5 relevant subjects	<ul style="list-style-type: none"> Relevant Foundation accredited by MQA Relevant Diploma (with minimum CGPA 2.5000)^ accredited by MQA 	<ul style="list-style-type: none"> Foundation in Computing (Track B) OR Relevant Diploma (with minimum CGPA 2.5000)^
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	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 UC 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 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

	SPM	O Level	UEC	Certificate
<p>Diploma in Computer Science</p> <p>Diploma in Computer Science (Data Science)</p>	<p>3 Credits in the relevant subjects</p> <p>Compulsory subjects:</p> <p>(i) SPM Credit in Additional Mathematics/O Level Grade C in Mathematics-Additional/UEC Grade B in one mathematics subject</p> <p>(ii) SPM Pass/O Level Grade E (Pass)/UEC Grade C in English Language**</p>	<p>3 Grade C in the relevant subjects</p>	<p>3 Grade B in the relevant subjects</p>	<ul style="list-style-type: none"> ■ Relevant Certificate accredited by MQA OR ■ Relevant Skilled/ Technical/ Vocational Certificate recognised by the Malaysian Government
<p>Diploma in Information Systems</p> <p>Diploma in Information Technology</p> <p>Diploma in Software Engineering</p>	<p>3 Credits in the relevant subjects</p> <p>Compulsory subjects:</p> <p>(i) SPM Credit/O Level Grade C in Mathematics/UEC Grade B in one mathematics subject</p> <p>(ii) SPM Pass/O Level Grade E (Pass)/UEC Grade C in English Language**</p>	<p>3 Grade C in the relevant subjects</p>	<p>3 Grade B in the relevant subjects</p>	<ul style="list-style-type: none"> ■ Relevant Certificate accredited by MQA OR ■ Relevant Skilled/ Technical/ Vocational Certificate recognised by the Malaysian Government

** Grade C and above in AELE0364 English Language conducted by TAR UC 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 Computer Science (Honours) in Software Engineering 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 AND Additional Mathematics/O Level Grade C in Mathematics AND 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 UC is accepted as having fulfilled the English Language requirement for applicants who fail English Language at SPM/O Level/UEC.

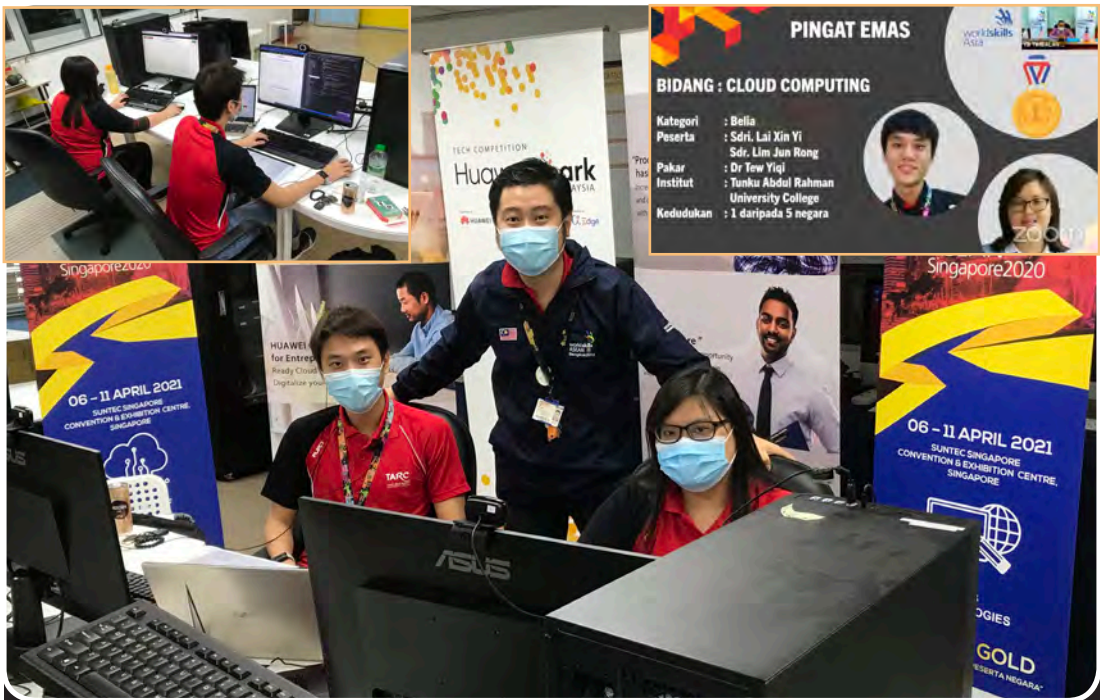
Note:

- 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) 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.

ACHIEVEMENTS



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, Chuh Seong Rong and Mr Calvin Gan, Manager, Tactical Defense Unit, F-Secure Corporation, in a group photo taken during the prize presentation.



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.

ACHIEVEMENTS



WorldSkills Malaysia Belia (WSMB) Competition 2019 Gold Medal winner (Web Technologies Category) Chen Yew Seng – Bachelor of Information Technology (Hons) Internet Technology.



TAR UC students emerging as champions of Cisco Networking Academy Packet Tracer Competition 2019.

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 UC Diploma / *TAR UC Foundation / Matriculation	CGPA \geq 3.8500	
South Australian Matriculation (SAM)/ Western Australian Certificate of Education (WACE)/ Higher School Certificate (HSC)	\geq ATAR 95	
Canadian Pre-University (CPU)	\geq 95%**	
STPM / A Level	2As	50%
Unified Examination Certificate (UEC)	7As	
*TAR UC Diploma / *TAR UC Foundation / Matriculation	CGPA \geq 3.7500	
South Australian Matriculation (SAM)/ Western Australian Certificate of Education (WACE)/ Higher School Certificate (HSC)	\geq ATAR 90	
Canadian Pre-University (CPU)	\geq 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:

Assistant Registrar

FACULTY OF COMPUTING AND INFORMATION TECHNOLOGY

Telephone: (6) 03 4145 0100/23 ext. 3233

Email: focs@tarc.edu.my

 011-1075 8554

KUALA LUMPUR MAIN CAMPUS

Jalan Genting Kelang, Setapak, 53300 Kuala Lumpur, Malaysia.

P.O. Box 10979, 50932 Kuala Lumpur, Malaysia.

Telephone: (6) 03 4145 0100/23

Fax: (6) 03 4142 3166

E-mail: info@tarc.edu.my

PENANG BRANCH CAMPUS

77, Lorong Lembah Permai Tiga, 11200 Tanjung Bungah, Penang, Malaysia.

Telephone: (6) 04 899 5230

Fax: (6) 04 899 8219

E-mail: penang@tarc.edu.my

 011-1082 5618

PERAK BRANCH CAMPUS

Jalan Kolej, Taman Bandar Baru, 31900 Kampar, Perak, Malaysia.

Telephone: (6) 05 466 0388, 466 8012/3

Fax: (6) 05 466 0390

E-mail: perak@tarc.edu.my

 011-1075 8513

JOHOR BRANCH CAMPUS

Jalan Segamat/Labis, 85000 Segamat, Johor, Malaysia.

Telephone: (6) 07 927 0801/3

Fax: (6) 07 927 0802

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

Fax: (6) 09 573 8100

E-mail: pahang@tarc.edu.my

 011-1082 5631

SABAH BRANCH

No. 1, Jalan Alamesra, Alamesra, 88450 Kota Kinabalu, Sabah, Malaysia.

Telephone: (6) 088 348080

Fax: (6) 088 348070

E-mail: sabah@tarc.edu.my

 011-1082 5619



www.tarc.edu.my

Follow us on



All information is correct at the time of printing (November 2021). The University College reserves the right to amend the information without prior notice. Copyright 2022. All rights reserved. No part of the material protected by this copyright notice may be produced or utilised in any form or by any means, electronic or mechanical, including photocopying, recording or by any information storage and retrieval system, without written permission from the copyright owner.