I am unique

PRE-UNIVERSITY
FOUNDATION / DIPLOMA / CERTIFICATE

INNOVATIVE THINKING CAN CHANGE YOUR WORLD

5 STAR EXCELLENT RATING SETARA

Premier Digital Tech Institution

QS WORLD UNIVERSITY RANKINGS 2024

1st Malaysian University 5-Stars Plus

QAA GLOBAL
Institution accredited
Asia Pacific University of Technology and Innovation
Valid 04/2024 – 04/2029
APU achieves Global Quality Accreditation from QAA UK

Asia Pacific University of Technology & Innovation (APU), a leading Malaysian University has achieved a significant milestone by securing accreditation from the Quality Assurance Agency for Higher Education (QAA) in the United Kingdom. This accreditation underscores APU’s commitment to excellence, rigorous quality assurance processes, and student-centered education.

The Quality Assurance Agency (QAA) carries out Quality Assurance for UK higher education institutions.

- APU underwent a thorough review process conducted by independent reviewers appointed by QAA. This involved almost a year of intense preparation and preparation of documentation.
- A comprehensive physical Audit was held at APU in March 2024. Based on the Audit, APU has been deemed to have achieved Accreditation by the QAA - the FIRST ever Malaysian University to have achieved this.
- The Audit Panel confirmed that APU meets all ten UK and European Quality Assurance standards covering areas such as teaching & learning, student support, research, facilities, resources and governance.
- APU Degrees will now be recognised an equal basis with Degrees from UK universities due to QAA Accreditation of APU as an QAA Accredited Institution.
- APU graduates will benefit from this prestigious recognition of their qualifications in Malaysia, the UK and beyond.

APU’s commitment to continuous improvement and adherence to international best practices played a pivotal role in achieving this accreditation. QAA accreditation enhances APU’s global reputation and validates its commitment to quality education. APU will continue to uphold the QAA standards and strive for further excellence with pride.
Malaysian University
1 of 23 in the world

ONLY Malaysian University to achieve both
QS 5-Stars Plus+ Rating & being
Ranked in QS World Rankings 2024

Facts regarding APU's achievements in the latest
QS World University rankings:

- Ranked TOP 2.2% in the World
- Ranked #621-630 in the World
- Ranked No. 179 in Asia
- Ranked No. 1 for International Students in Malaysia
- Ranked No. 16 in the World for International Students
- Ranked among Top 200 for International Faculty in the World
- Ranked among Top 13 Universities in Malaysia
- Ranked among Top 6 Private Universities in Malaysia

APU EMERGES AS THE FIRST QS 5-STARS PLUS UNIVERSITY IN MALAYSIA

APU is the First Malaysian University to achieve an overall rating of Five Stars Plus in the latest QS Stars Rating awards that were presented at the QS Apple Conference on 1st Nov 2021. Five Stars Plus institution must achieve five stars across all categories in addition to achieving minimum highest benchmark score by QS STARS. APU is amongst 23 universities worldwide to achieve this honour.

RANKED NO.1 FOR INTERNATIONAL STUDENTS IN MALAYSIA AND NO.16 IN THE WORLD

APU is the ONLY Malaysian University to achieve the double distinction of achieving the QS 5-Stars Plus Rating as well as being ranked in the QS World University Ranking 2024. where APU is ranked in the Top 2.2% in the World. APU is Ranked No.1 for International Students in Malaysia and No. 16 for International Students in the World.

APU IS AWARDED BEST TECH UNIVERSITY & BEST FUTURE READY UNIVERSITY FOR 2024 - PC.COM AWARDS

The PC.com Awards are prestigious accolades that recognise organisations that demonstrate excellence and leadership in the field of technology and innovation. In the 2024 Awards, Asia Pacific University of Technology & Innovation (APU) shone brightly, winning both the Best Tech University and Best Future Ready University awards, as voted by PC.com readers. This recognition reflects APU’s unwavering commitment in offering cutting-edge digital technology programmes & preparing students for the future. APU is a repeat winner, having also won the PC.Com Best Tech University Award in 2023.

APU’S LIST OF FIRSTS:

1st Malaysian University to achieve Five Stars Plus in the latest QS Stars Rating
1st Local Institute awarded Multimedia Super Corridor Status
1st Institute awarded the MSC Research & Development Grant
1st Institute awarded MS ISO 9002 Quality Certification
1st Institute appointed Novell Education Academic Partner
1st Institute appointed Authorised Sun Education Centre
1st Institute appointed Microsoft Training Partner
1st Institute listed in Enterprise 50 Award Programme
1st Institute appointed University Alliance Partner by SAP
1st XR Studio - Mixed & Extended Reality Infrastructure in Asia
1st Integrated Cybersecurity Talent Zone in Malaysia
QS defines rating as “The system evaluates universities across a wide range of important performance indicators as set against pre-established international standards. By covering a broader range of criteria than any world ranking exercise, QS Stars™ shines a light on both the excellence and the diversity of the rated institution”.

“The QS Stars university rating system audits and rates over 600 universities globally in a broader range of criteria than any world ranking exercise. Comprehensive audits are also independently carried out as part of the rating exercise. QS Stars™ shines a light on both the excellence and the diversity of the rated institution. Congratulations to Asia Pacific University (APU) for being the first-ever QS 5-Stars Plus rated institution in Malaysia and being 1 amongst 20 in the world.”

Leigh Kamolins - Head of Evaluation, QS Intelligence Unit
APIIT RATED 6-STARS (OUTSTANDING) RATING
APU – A 5-STAR (EXCELLENT) RATED INSTITUTION

Aspiring towards professionalism and employability

APIU has consistently received the highest ratings among emerging Universities through the SETARA Ratings exercise conducted by the Ministry of Higher Education, ever since the SETARA Ratings system was introduced, including having attained 5 STARS in the latest ratings announced in Dec 2020.

The SETARA ratings system employs a rigorous assessment methodology to rate an education institution’s three core functions, namely teaching, research and services.

APU was among the first institute in Malaysia awarded Premier Digital Tech Institution status by the Malaysia Digital Economy Corporation (MDEC) and Ministry of Higher Education (MOHE). APU is recognised for its commitment to offer top-notch digital technology courses and ensuring our highly-skilled graduates continue to flourish and fill future digital job demands locally and globally.

APIU was announced in Dec 2020. The SETARA ratings among emerging Universities – 2019 was announced on 18th Dec 2020. MyQuest is a rigorous assessment methodology to evaluate the quality of programmes offered by Malaysian private colleges.

APIU was announced as one of the Top Private Colleges in Malaysia to attain 5 STARS in the latest Ratings by the Ministry of Higher Education (MOHE). APU is recognised for its commitment towards professionalism and employability.

APIU IS A PREMIER DIGITAL TECH INSTITUTION - MALAYSIA DIGITAL ECONOMY CORPORATION

APIU IS AWARDED BEST TECH UNIVERSITY & BEST FUTURE READY UNIVERSITY FOR 2024 - PC.COM AWARDS

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APIU was among the first institute in Malaysia awarded Premier Digital Tech Institution status by the Malaysia Digital Economy Corporation (MDEC) and Ministry of Higher Education (MOHE). APU is recognised for being a repeat winner, having also won the PC.com Best Tech University Award in 2023.

APIU - FIRST EVER MALAYSIAN UNIVERSITY WITH QAA UK ACCREDITATION

APIU Certificate Programmes

- Certificate in Administrative Skills (CAS)
- Certificate in Information & Communication Technology (CICT)

Diploma Programmes

- COMPUTING & TECHNOLOGY
  - Diploma in Information & Communication Technology
  - Diploma in Information & Communication Technology with a specialism in Software Engineering
  - Diploma in Information & Communication Technology with a specialism in Data Informatics
  - Diploma in Information & Communication Technology with a specialism in Interactive Technology
- BUSINESS & BUSINESS IT
  - Diploma in Business Information Technology
  - Diploma in Business Administration
- ACCOUNTING
  - Diploma in Accounting
- ENGINEERING
  - Diploma in Mechatronic Engineering
- DESIGN, MEDIA AND INTERNATIONAL STUDIES
  - Diploma in Design and Media
  - Diploma in International Studies

It starts now.......It starts here

Once again!

Outstanding Faculty Award 2022 & 2023

1 of 22 Premier Digital Tech Institutions

MDEC: Malaysia Digital Economy Corporation
Asia Pacific University of Technology & Innovation (APU) is amongst Malaysia’s Premier Private Universities, and is where a unique fusion of technology, innovation and creativity works effectively towards preparing professional graduates for significant roles in business and society globally.

APU’s iconic campus is setting a new benchmark for design excellence among Malaysian Universities, combining an eco-friendly campus with a dynamic blend of technology and innovation to enable professional learning. It is a magnificent teaching & learning space for our students & staff designed by our award- winning architects & consultants.

An Ultra-modern Campus Built Today for the Needs of Tomorrow

Asia Pacific University of Technology & Innovation (APU)’s Ultra-Modern University Campus in MRANTI - Technology Park Malaysia is designed to be the state-of-the-art teaching, learning and research facility providing a conducive environment for students and staff. TPM is the ideal location for this new and contemporary campus due to its strong positioning as Malaysia’s primary hub for leading-edge and high tech developments in a wide variety of areas. It is also located in one of the most rapidly developing areas in Kuala Lumpur, and is well served and accessible through major highways, LRT and other forms of public transportation.

APU has earned an enviable reputation as an award-winning University through its achievements in winning a host of prestigious awards at national and international levels.

APU’s iconic campus is amongst Malaysia’s Premier Private Universities, and is where a unique fusion of technology, innovation and creativity works effectively towards preparing professional graduates for significant roles in business and society globally.

Experience: APU’s iconic campus

Malaysia’s Award Winning University

- A Stylish Blend of Functionality & Accessibility
- A Unique Fusion of Technology, Innovation and Creativity
- Cutting-edge Technologies
- A Wide Variety of Spaces to Learn, Engage & Transform

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Regardless of the programme you choose, you will be supported by highly qualified and enthusiastic professionals. Many enjoy an international reputation for their research and actively engage with leading names in the industry.

Outstanding Support

Regardless of the programme you choose, you will be supported by highly qualified and enthusiastic professionals. Many enjoy an international reputation for their research and actively engage with leading names in the industry.

100% of our graduates are employed by graduation*; this is not just a number, but a significant symbol of our success and pride in nurturing professionals for global careers.

* Latest Graduate Tracer Study by Ministry of Higher Education, Malaysia.

Industry Ready Graduates

The APU Career Centre connects and engages with over 12,000 Employers to ensure that our graduates are highly employable in both local and international corporations, as it closely supports APU students in both internship and career placement activities.

Work-ready, World-ready

Study with us and we’ll equip you to become a world-ready professional, with the knowledge, attributes, skills and expertise that employers look for. Employers are demanding that graduates not just have qualifications, but also have the experience and ability to contribute to the workplace. To meet these demands, APU develops programmes and partnerships with academic and industry partners, with a heavy focus on applied learning. This helps to ensure that the skills and knowledge taught at APU are up-to-date and in high demand.
A Truly International Community

With students from over 130 countries, we ensure that you will gain memorable experiences alongside the diversified and colourful cultural environment. We have students from Asia, Central Asia, Middle East, Africa, Europe, Latin America and Oceania. Our International Students Support Centre helps you with the procedure to apply for your Student Pass before coming here. Upon arrival in Kuala Lumpur, you will be greeted with warmth by our friendly staff, who will pick you up and bring you to our campus.

Student Welcome Team

The Student Welcome Team was established by Asia Pacific University of Technology & Innovation (APU) to improve the arrival experience of international students in Malaysia. “Warm Welcome, Warm Hello, Warm What’s up” is the theme of this ASK ME Team.

A Hub of Cultural Diversity

Just like the beautiful country in which we are located, APU is a rich blend of traditional and modern styles. We have developed a singular character to embrace those things that set us apart. We pride ourselves on the quality of both our teaching and research as well as having a unique living and learning environment.

Student Life @ APU

Being a university student can be one of your most exciting expeditions. Higher education opens up a world of new ideas, intellectual growth, new adventures and the building of lifelong friendships. Here at APU, we support you to take the time to explore not only the educational experiences but also the wide range of social, sporting and cultural activities on campus.
World-class Facilities @ APU

APU provides access to world-class resources across a wide range of disciplines. This translates into industry-ready skills and a competitive edge for graduates.

An Integrated Community

The campus aims to establish a community aspect for the university - where integration is the key. Walkways, classrooms, communal spaces and discussion areas promote connectivity and cultivates exchange of ideas among students from different disciplines and academics, to implement cooperative learning concepts in line with the Industry Revolution 4.0.

Cutting-Edge Technologies

The Campus blends technology, integration, innovation and creativity under one roof. It provides not just a learning environment, but also a lively community spot for our students to formulate new ideas, gain intellectual growth and discover new adventures. It is not only a university campus, but also the nurturing ground for world-changing global ideas. All spaces are carefully designed to create an unforgettable learning and lifestyle experience that lasts for a lifetime, while enabling professional learning and cultivating global mindsets. APU, as Malaysia’s leading technological university, is the incubator for self-starting and innovative APU graduates. Our educational technology environment supports the development of graduates of this calibre, in which well-equipped computing and engineering laboratories with advanced software, hardware and technologies place students at the forefront of technological excellence.

Social Interaction Platforms

Fitness Sweatzone, student lounges, sports facilities and breakout rooms provide spaces for relaxation and socialisation throughout the day. They are carefully designed to create an unforgettable learning and lifestyle experience that lasts for a lifetime, especially for students who are studying away from home.
De Montfort University Leicester (DMU) is a dynamic, 21st-century UK university with a global outlook based in the city of Leicester which is a great place to be a student.

Find your new home at DMU

At DMU, our supportive and nurturing community will empower you to realise your dreams. Our courses are carefully designed and taught by expert academics to help you gain the skills needed to enter today's competitive jobs market and succeed in your career.

The university is organised into four faculties: Arts, Design and Humanities, Business and Law, Health and Life Sciences and Computing, Engineering and Media.

Our award-winning careers and employability service, DMU Works provides guaranteed work experience opportunities, including placements, internships and career mentoring.
Double your Advantage

APU-DMU Dual Degree Programme

- APU’s partnership with DMU enables students to be awarded Dual Awards – separate degree certificates from each institution – and enhances not just teaching and learning experiences, but also career prospects.
- Upon graduation, students will receive 2 Degree Certificates & Transcripts: 1 from APU, Malaysia and 1 from DMU, UK.
- Both degrees are recognised locally & internationally.
- The APU-DMU Dual Degree Programmes are offered under an approved collaboration in accordance with the QAA UK Quality Code for Higher Education for the Assurance of Academic Quality and Standards in Higher Education as published by the United Kingdom Quality Assurance Agency (QAA).
ADMISSION REQUIREMENTS

FOUNDATION PROGRAMME
The Foundation programme gives you an opportunity to sample your future areas of study. This helps you choose which Degree programme to pursue.

- 3 Credits (Grade B & above) in at least 3 subjects at SPM level with a minimum of a pass in Bahasa Malaysia and Sejarah (History); or
- 3 Credits (Grade C & above) in at least 5 subjects including Mathematics, at IGCSE/O-Level; or
- 3 Credits (Grade C & above) in at least 3 subjects in UEC including Mathematics, at IGCSE/O-Level; or
- 3 Credits (Grade D & above) in at least 3 subjects, including Mathematics, in UEC; and
- A qualification that APU accepts as equivalent to the above.

ENGINEERING PROGRAMMES require a Credit in Mathematics at SPM/IGCSE/O-Level equivalent.

FOUNDATION IN COMPUTING (ODL) - 100% ONLINE

- 3 Credits at at least 3 subjects at SPM level including Mathematics, with a minimum of a pass in Bahasa Malaysia and Sejarah (History);
- 3 Credits (Grade C & above) in at least 3 subjects at IGCSE/O-Level including Mathematics; or
- 3 Credits (Grade B & above) in at least 3 subjects, including Mathematics, in UEC; and
- A qualification that APU accepts as equivalent to the above.

DIPLOMA PROGRAMMES

Diploma in Information & Communication Technology Diploma in Information & Communication Technology with a specialization in Software Engineering Diploma in Information & Communication Technology with a specialization in Data Informatics Diploma in Information & Communication Technology with a specialization in Interactive Technology Diploma in Accounting

- 3 Credits at at least 3 subjects at SPM level including Mathematics, with a minimum of a pass in Bahasa Malaysia and Sejarah (History);
- 3 Credits (Grade C & above) in at least 3 subjects at IGCSE/O-Level including Mathematics; or
- 3 Credits (Grade B & above) in at least 3 subjects, including Mathematics, in UEC; and
- A qualification that APU accepts as equivalent to the above.

Diploma in Business Information Technology Diploma in Business Administration Diploma in International Studies

- 3 Credits at at least 3 subjects at SPM level, with a minimum of a pass in Bahasa Malaysia and Sejarah (History);
- 3 Credits (Grade C & above) in at least 3 subjects at IGCSE/O-Level; or
- 3 Credits (Grade B & above) in at least 3 subjects in UEC; or
- A qualification that APU accepts as equivalent to the above.

Diploma in Mechatronic Engineering

- 3 Credits at at least 3 subjects at SPM level including Mathematics and any Science Subject (Science, Physics, Chemistry or Biology) with a minimum of a pass in Bahasa Malaysia and Sejarah (History).
- 3 Credits (Grade C & above) in at least 3 subjects at IGCSE/O-Level including Mathematics and any Science Subject (Science, Physics, Chemistry or Biology) with a minimum pass in English at SPM/ O-Level/ IGCSE;
- 3 Credits (Grade B & above) in at least 3 subjects in UEC including Mathematics and any Science Subject (Science, Physics, Chemistry or Biology) with a pass in English;

Malaysian Students who do not possess a pass in English at SPM/IGCSE/O-Level/UIC will be required to sit for the APU English Placement Test, and based on the outcome of the test may be required to attend the APU Intensive English Programme (IEP) prior to commencement of the Foundation/Diploma/Certificate programme.

ENGLISH REQUIREMENTS (only applicable to International Students)

<table>
<thead>
<tr>
<th>PROGRAMMES</th>
<th>REQUIREMENTS</th>
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</table>
| Foundation Programme | - IELTS: 4.0  
- TOEFL: BT: 40-45  
- MUET: Band 3 |
| Diploma in Information and Communication Technology | - IELTS: 5.0  
- TOEFL: BT: 50-55  
- MUET: Band 4 |
| Diploma in Design and Media | - IELTS: 5.5  
- TOEFL: BT: 60  
- MUET: Band 5 |
| Diploma in Business Administration | - IELTS: 5.0  
- TOEFL: BT: 50  
- MUET: Band 3 |
| Diploma in Business Information Technology | - IELTS: 5.0  
- TOEFL: BT: 50  
- MUET: Band 3 |
| Diploma in Mechanical Engineering | - IELTS: 6.0  
- TOEFL: BT: 60  
- MUET: Band 4 |
| Diploma in International Studies | - IELTS: 5.0  
- TOEFL: BT: 50  
- MUET: Band 3 |

English Requirements - Conditional Offer for Diploma Programmes

Students who are unable to obtain the required level of English Competency during the maximum 12 month period, will not be allowed to pursue their studies in the main programme and will have to return to their home country.

Students from English speaking countries and those with qualifications taught in English IGCSE, A-Level, IB American High School Diploma etc. are exempted from English requirements. Applications for exemption must be accompanied by supporting documents.

Note: The above entry requirements may differ for specific programmes based on the latest programme standards published by Malaysian Qualifications Agency (MQA).
Our Foundation Programme is designed to help students with SPM, IGCSE, O-Levels or similar qualifications to develop the skills and knowledge to progress into the degree of their choice.

**FLEXIBILITY OF CHOICE**

Our 12-month Foundation Programme is designed to prepare students from SPM, IGCSE, O-Levels or similar qualifications with the knowledge and skills to progress into the first year of a degree of their choice.

On completion of the Foundation Programme, you will be able to make an informed decision about your interest and pursue your degree of choice. During the Foundation Programme, you are able to choose different routes depending on your area of interest. This will allow you to progress onto a specific degree programme at APU, related to this area or other relevant areas based on your foundation experience.

**LEARNING OUTCOMES**

You will be able to:
- Enter Level 1 of degree study.
- Make an informed choice about what degree you want to study.
- Communicate effectively verbally and in writing to a given audience.
- Work effectively in a team.
- Demonstrate English and other study skills appropriate to undergraduate learning.
- Apply skills in numeracy, technology and communications.
- Explain the essential elements of technology.
- Use appropriate application software and the Internet.

**PROGRAMME AREAS**

- Accounting, Banking & Finance
- Actuarial Studies
- Business & Management
- Computing & Technology
- Media and Communication
- Engineering
- Digital Marketing
- Animation & Visual Effects
- International Studies
- Industrial Design
- Computer Games Development
- Multimedia and VR/AR
- Psychology
- Tourism & Hospitality

**APU FOUNDATION PROGRAMME**

**Semester 1**
- Common Semester 1

**Semester 2 & 3**
- Choose your ROUTE in semester 2 & 3

**PROFESSIONAL CAREERS**

Start Here
Foundational Programmes - Flexibility of Choice

### SEMESTER 1

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<td>- Fundamentals of Finance</td>
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<td>- Global Business Trends</td>
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<tr>
<td>- Public Speaking in English</td>
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<tr>
<td><strong>COMPUTING &amp; TECHNOLOGY</strong></td>
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<tr>
<td>- Introduction to Business</td>
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<tr>
<td>- Introduction to Computer Architecture</td>
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<tr>
<td>- Introduction to Visual &amp; Interactive Programming</td>
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<td>- Public Speaking in English</td>
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<td><strong>ENGINEERING</strong></td>
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<td>- Mechanics for Engineers</td>
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<td>- Engineering Mathematics</td>
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<td>- Networking</td>
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<td>- Visual &amp; Interactive Programming</td>
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<td><strong>ARCHITECTURE &amp; DESIGN</strong></td>
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<td>- Fundamentals of Drawing</td>
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<td>- Life Drawing</td>
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<td>- Design Studies</td>
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<td>- Public Speaking in English</td>
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<td>- Major Project 1</td>
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### SEMESTER 2

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### SEMESTER 3

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### You may then proceed to Level 1 of a Degree of your choice in the following pathways

#### PRIMARY PATHWAYS

- Business, Management & Tourism
- Accounting, Finance, Banking & Actuarial Studies
- Media, Communication & Psychology

#### ALTERNATIVE PATHWAYS

Students may alternatively choose the following:
- Computing & Technology
- Multimedia & Games Development
- Industrial Design, Visual Effects, Animation & Digital Effects
- Architecture

### Your Foundation Pathway to a Degree of Your Choice

(Refer to individual course brochure for details and requirements.)

**CREDIT / GRADE C in SPM / O-Level / IGCSE is required in:**

- Mathematics
- Physics OR Chemistry OR Technical Science

**CREDIT / GRADE C in SPM / O-Level / IGCSE is required in:**

- Mathematics
- Physics OR Chemistry OR Technical Science

### Leading from APU Foundation to your Choice of Degree Studies

#### Business, Management, Marketing, Digital Marketing & Tourism
- Bachelor of Arts (Honours) in Business Management
- Bachelor of Arts (Honours) in Business Management with a specialism in Digital Leadership
- Bachelor of Arts (Honours) in Business Management with a specialism in Digital Marketing
- Bachelor of Arts (Honours) in Tourism Management
- Bachelor of Arts (Honours) in Tourism Management with a specialism in Hospitality

#### Media and International Relations
- Bachelor of Arts (Honours) in Media and Communication Studies
- Bachelor of Arts (Honours) in International Relations

#### Industrial Design, Animation & Visual Effects
- Bachelor of Arts (Honours) in Industrial Design
- Bachelor of Arts (Honours) in Animation
- Bachelor of Arts (Honours) in Digital Advertising
The Foundation in Computing (ODL) allows young students the opportunity to gain a solid Pre-University qualification from the comforts of their home or country.

Open Distance Learning (ODL) as practiced at APU provides a high-quality and flexible learning experience for students utilizing state-of-the-art technological innovations & pioneering teaching and learning practices.

This flexibility is also an ideal option for families who wish for their children to obtain an innovative and high quality education yet remain connected to their communities of origin.

METHOD OF DELIVERY - Synchronous & Asynchronous Learning

**Synchronous Learning**
- Operates very much like conventional classrooms, with scheduled study times and live discussions conducted for 3 hours per week.
- Allows the student to engage with class materials at the same time as their peers.
- Provides the student with a structured and immersive learning environment.
- Uses web & video-conferencing technologies for classrooms via Microsoft Teams.

**Asynchronous Learning**
- Allows the student to study at his/her own pace and time, adapted to their personal preferences.
- Provides the student with the flexibility to study in a self-paced manner.
- Is well designed to track the student’s progress and provide immediate feedback.
- Gives the student the flexibility to revise, progress and challenge themselves according to their own strengths.
- Provides learning support to the student through discussion forums and personalised chat sessions.

In summary, these are the modules you will be taking during your Foundation in Computing (ODL) programme:

**SEMESTER 1**
- Introduction to Visual & Interactive Programming
- Further Mathematics
- Communication Skills

**SEMESTER 2**
- Introduction to Multimedia Applications
- Further Mathematics
- Academic Research Skills

**SEMESTER 3**
- English for Academic Purposes
- Further Mathematics

Further Studies

Before you can apply for the APU Foundation Programme, you should have completed the following academic qualifications:

- An SPM / O-Level / IGCSE is required OR Physics OR Chemistry OR Biology and a Pass in English
- Please note that a Credit Pass in Mathematics and Science

*Leading from APU Foundation to Psychology programme; *Media, Communication & Psychology*

Alternative Pathways:
- Business, Management, Marketing & Tourism
- Accounting, Finance, Banking & Actuarial Studies
- Industrial Design, Visual Effects, Animation & Digital Advertising
- Media, Communication & Psychology*

*If selected from APU Foundation to Psychology programme; please note that a Credit Pass in Mathematics and Science OR Physics OR Chemistry OR Biology and a Pass in English at SPM / O-Level / IGCSE is required.

Duration: 1 Year (3 Semesters)
COMPUTING & TECHNOLOGY

• Introduction to Computer Architecture and Networking
  In this module, students will be introduced to computer components and the architecture, together with fundamental concepts of networking. At the later part of this module, students will also explore various aspects of cloud networking technologies and their examples of usage. Students will learn how to design and manage their own home networks, with some security measures and best practices within the implementation.

• Introduction to Visual & Interactive Programming
  Computational thinking is a skill to solve a problem logically by applying visual and interactive programming elements, including decomposition, pattern recognition, abstraction, and algorithm. Students will learn the essential skills required in designing and implementing software solutions regardless of platform, language, or application domain.

• Science for Engineers
  This module introduces students to the study of both electrical and electronics principles and physical chemistry. Fundamental knowledge in both electrical and electronics principle are essential as basis for application to complex electronic circuits and systems, to understand how technology works and to optimize the transmission of energy. Physical chemistry focuses on physical properties of which gives some insight on how laws of physics affect chemical processes.

• Design Thinking – Fraunhofer – IEM
  This module is designed to help students understand how engineering design and innovation in planned, designed, built and tested (cradle to grave) concept. Students will gain knowledge regarding to the end-to-end engineering design life-cycle, including ethics as an important factor in engineering applications. Students will also gain understanding of engineering design skill and innovative thinking framework to future-proof themselves.

• Engineering Mathematics
  Engineering Mathematics introduces essential mathematical concepts in engineering. This module provides the knowledge of trigonometry, matrices, vector and complex numbers. The notions and techniques in this module are essential to undergraduate engineering study.

ENGINEERING

• Fundamentals of Drawing
  This module contains a variety of practical exercises made to help understand the thought processes involved in learning how to draw. It provides opportunities to practice the traditional approaches to pencil and paper drawing. It also introduces the fundamental principles of drawing that are key for any designers.

• Life Drawing
  This module introduces life drawing or figurative drawing involving the human form in any of its various shapes and postures using a variety of media. The module will cover a series of techniques that will provide more confidence in drawing in various future skill settings such as character designs for animation, character designs for video games and commercials.

• History of Design and Media
  This module introduces a chronology of major historical developments in visual communications, focusing on movements and trends in design and media and their respective applications. The module will give students the basic knowledge of understanding and articulating influences, trends and fashions in the work of designers and products of visual media.

• Design Studies
  Design studies address the different ways in which design has been characterized across centuries and identifies the contexts and systems on how designs get created and the responsibilities that come with the power of design. Students will learn the elements of a design intervention which can be applied across the art and design electives.

• Introduction to Digital Photography
  This module will introduce the world of photography through the history and the technological shift from analogue to digital photography. It covers practical hands-on sessions and requirements to follow a set of instructions to produce own images. Students will explore famous photographers and their works.

• Introduction to Architecture and Built Environment Module
  This module will introduce you to the architecture field, covering topics such as philosophy and history of architecture, the elements and principles of architectural design, works by master architects, Building Information Modelling (BIM) and Artificial Intelligence in the context of Malaysian architectural landscape, and the path to becoming an architect. Through lectures, tutorials, tutorials, and case study, you will gain an in-depth understanding of the interdependence between architecture and society and how working technology like BIM and AI impacts the potential future directions of the field of profession of architecture and allied visual media.

• Major Projects
  This module, comprises in two parts across two semesters. Major Project 1 predominantly covers on research and preproduction/ preparatory work. Major Project 2 further on the development of the final production and presentation and is designed to align with the Major Project 1. A consolidated application of knowledge and skills gained in this module will be required in producing a significant body of work that transitions into the Final Project.
DIPLOMA PROGRAMMES

COMPUTING & TECHNOLOGY
- Diploma in Accounting
- Diploma in Business Administration with a specialism in Interactive Technology
- Diploma in Information & Communication Technology with a specialism in Data Informatics
- Diploma in Information & Communication Technology with a specialism in Software Engineering
- Diploma in Information & Communication Technology

BUSINESS & BUSINESS IT
- Diploma in Business Information Technology
- Diploma in Business Administration

ACCOUNTING
- Diploma in Accounting

ENGINEERING
- Diploma in Mechatronic Engineering

DESIGN, MEDIA AND INTERNATIONAL STUDIES
- Diploma in Design and Media
- Diploma in International Studies

This APU Diploma in Information and Communication Technology is specifically designed to provide:

• Coverage of the academic aspect as well as the vocational aspect of the wide field of Computing and Information and Communications Technology
• Students with the skills to prepare them for careers in the ICT environment with emphasis on solutions design, software development and technology infrastructure support.
• Students with academic and professional skills to develop solutions requiring the application of technology in a business and organisational context, so as to facilitate response to continuous future changes in technology and industry practices.
• Students with critical, independent and cooperative learning skills so as to facilitate response to continuous future changes in industry practices.

SEMESTER 1

At the beginning of the programme students will foster a mindset that embraces creativity and problem-solving in the digital era along with the skills in the fundamental principles governing computer design. Besides, Mathematical foundation for computing is available to enhance problem-solving and analytical skills.

Modules
• Academic Research Skills
• Computer Architecture
• Digital Thinking and Innovation
• Mathematics and Statistics for Computing

SEMESTER 2

This semester moves students to a new level in information and communication technology related areas such as operating systems, computer programming, databases, and information systems in organisation. Students are able to gain hands-on experience and building practical applications.

Modules
• Operating Systems
• Database Management
• Information Systems with Cloud Concepts
• Programming with Python

SEMESTER 3

This semester promises a holistic blend of programming expertise, mathematical acumen, system analysis skills, and the art of crafting compelling user experiences. Get ready to engage, create, and expand student knowledge in more systematic and user-friendly system development.

Modules
• Object Oriented Programming
• Algebra and Discrete Mathematics
• System Analysis & Design
• Fundamentals of UI/UX Design

SEMESTER 4

This semester promises a dynamic blend of cutting-edge technology, entrepreneurial wisdom, and hands-on development skills, to innovate, create, and explore the future of technology. Explore the intricacies of responsive web design, delve into the realms of VRAR and the Metaverse, and gain entrepreneurial insights. Unlock the potential of the Internet of Things, discovering how interconnected devices shape our digital landscape.

Modules
• Responsive Web Design & Development
• Introduction to VRAR and Metaverse
• Fundamentals of Entrepreneurship
• Introduction to IoT

SEMESTER 5

In their final semester, students acquire basic knowledge of computer networks, digital security and forensics to deepen their knowledge of computing technology and ethical responsibilities. Students also design and implement algorithms, and complete a Capstone Project to show that they can integrate skills, knowledge and understanding from the full programme, including a range of AI techniques for problem solving.

Modules
• Cyber Security & Forensics
• Introduction to AI
• Networking Technologies
• Capstone Project

SEMESTER 6

INTERNSHIP (12 weeks)

Students will undertake an Internship/Industrial Training for a minimum period of 12 weeks to prepare them for a smooth transition from the classroom to the working environment.

This programme fulfils credit requirements for Co-Curricular Activities.

Further Studies

Upon successful completion of this programme with CGPA of 2.5 & above and fulfillment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

• Bachelor of Science (Honours) in Information Technology
• Bachelor of Science (Honours) in Information Technology with a specialism in:
  - Information System Security
  - Cloud Engineering
  - Internet of Things (IoT)
  - Digital Transformation
  - Financial Technology (FinTech)
  - Business Information Systems
  - Sustainable Computing
• Bachelor of Science (Hons) in Software Engineering
• Bachelor of Science (Honours) in Computer Science
• Bachelor of Science (Honours) in Computer Science with a specialism in:
  - Data Analytics
  - Digital Forensics
• Bachelor of Science (Honours) in Computer Science (Cyber Security)
• Bachelor of Computer Science (Hons) (Artificial Intelligence)

** In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as 6/6 credit requirements for Co-Curricular Activities.

DIPLOMA PROGRAMMES

/ 32 /
This APU Diploma in Information & Communication Technology with a specialism in Software Engineering is designed to provide:

- Students with skills in software systems development, with emphasis on aspects of software engineering.
- Students with the skills to prepare them for careers in the ICT environment with emphasis on solutions design, software development and technology infrastructure support.
- An appreciation of the proven principles and techniques for the development and support of software systems in commercial organisations.
- Students with critical, independent and cooperative learning skills so as to facilitate responses to continuous future changes in industry practices.

**SEMESTER 1**

At the beginning of the programme students will foster a mindset that embraces creativity and problem-solving in their digital life. Students also design and implement algorithms, and complete a Capstone Project to show that they can integrate skills, knowledge and understanding from the full programme, including a range of AI techniques for problem solving.

**Modules**

- Operating Systems
- Database Management
- Information Systems with Cloud Concepts
- Networking Technologies
- Capstone Project

**SEMESTER 2**

In their final semester, students acquire basic knowledge of computer networks, digital security and forensics to deepen their knowledge of computing technology and ethical responsibilities. Students also design and implement algorithms, and complete a Capstone Project to show that they can integrate skills, knowledge and understanding from the full programme, including a range of AI techniques for problem solving.

**Modules**

- Cyber Security & Forensics
- Introduction to AI
- Networking Technologies
- Capstone Project

**SEMESTER 3**

This semester offers a comprehensive blend of web design, software engineering, entrepreneurial skills, and modern development practices. Immerse into the art of creating dynamic user-friendly websites, understand the fundamental principles governing computer design, and explore the intricacies of consumer behaviour and marketing analytics. Students also design and implement algorithms, and complete a Capstone Project to show that they can integrate skills, knowledge and understanding from the full programme, including a range of AI techniques for problem solving.

**Modules**

- Object Oriented Programming
- Algebra and Discrete Mathematics
- Introduction to Data Analytics

**SEMESTER 4**

Upon successful completion of this programme with CGPA of 3.5 & above and fulfilment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

**Modules**

- Academic Research Skills
- Computer Architecture
- Digital Thinking and Innovation
- Mathematics and Statistics for Computing

**SEMESTER 5**

This semester offers a comprehensive blend of web design, software engineering, entrepreneurial skills, and modern development practices. Immerse into the art of creating dynamic user-friendly websites, understand the fundamental principles governing computer design, and explore the intricacies of consumer behaviour and marketing analytics. Students also design and implement algorithms, and complete a Capstone Project to show that they can integrate skills, knowledge and understanding from the full programme, including a range of AI techniques for problem solving.

**Modules**

- Operating Systems
- Database Management
- Information Systems with Cloud Concepts
- Networking Technologies
- Capstone Project

**SEMESTER 6**

This semester promotes a holistic blend of programming expertise, mathematical acumen, system analysis skills, and the art of crafting compelling user experiences. Get ready to engage, create, and expand student knowledge in more systematic and user-friendly system development.

**Modules**

- Object Oriented Programming
- Algebra and Discrete Mathematics
- Introduction to Data Analytics

**FURTHER STUDIES**

This APU Diploma in Information & Communication Technology with a specialism in Data Informatics is designed to provide:

- Provide students with skills in software systems development, with emphasis on solutions design, software development, technology infrastructure support, and technical support.
- Enable appreciation of the proven principles and techniques for the development and support of software systems in commercial organisations.
- Prepare students with critical, independent and cooperative learning skills so as to facilitate responses to continuous future changes in industry practices.
- Develop students’ intellectual skills, communication ability and team working capability.

**SEMESTER 1**

Upon successful completion of this programme with CGPA of 3.5 & above and fulfilment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

**Modules**

- Academic Research Skills
- Computer Architecture
- Digital Thinking and Innovation
- Mathematics and Statistics for Computing

**SEMESTER 2**

In their final semester, students acquire basic knowledge of computer networks, digital security and forensics to deepen their knowledge of computing technology and ethical responsibilities. Students also design and implement algorithms, and complete a Capstone Project to show that they can integrate skills, knowledge and understanding from the full programme, including a range of AI techniques for problem solving.

**Modules**

- Operating Systems
- Database Management
- Information Systems with Cloud Concepts
- Networking Technologies
- Capstone Project

**SEMESTER 3**

This semester promotes a holistic blend of programming expertise, mathematical acumen, system analysis skills, and the art of crafting compelling user experiences. Get ready to engage, create, and expand student knowledge in more systematic and user-friendly system development.

**Modules**

- Object Oriented Programming
- Algebra and Discrete Mathematics
- Introduction to Data Analytics

**SEMESTER 4**

This semester offers a comprehensive blend of web design, software engineering, entrepreneurial skills, and modern development practices. Immerse into the art of creating dynamic user-friendly websites, understand the fundamental principles governing computer design, and explore the intricacies of consumer behaviour and marketing analytics. Students also design and implement algorithms, and complete a Capstone Project to show that they can integrate skills, knowledge and understanding from the full programme, including a range of AI techniques for problem solving.

**Modules**

- Academic Research Skills
- Computer Architecture
- Digital Thinking and Innovation
- Mathematics and Statistics for Computing

**SEMESTER 5**

In their final semester, students acquire basic knowledge of computer networks, digital security and forensics to deepen their knowledge of computing technology and ethical responsibilities. Students also design and implement algorithms, and complete a Capstone Project to show that they can integrate skills, knowledge and understanding from the full programme, including a range of AI techniques for problem solving.

**Modules**

- Operating Systems
- Database Management
- Information Systems with Cloud Concepts
- Networking Technologies
- Capstone Project

**SEMESTER 6**

This semester promotes a holistic blend of programming expertise, mathematical acumen, system analysis skills, and the art of crafting compelling user experiences. Get ready to engage, create, and expand student knowledge in more systematic and user-friendly system development.

**Modules**

- Object Oriented Programming
- Algebra and Discrete Mathematics
- Introduction to Data Analytics

**FURTHER STUDIES**
This APU Diploma in Information & Communication Technology with a specialism in Interactive Technology is designed to provide:

- **Coverage of the academic aspect as well as the vocational aspect of the wide area of Computing and Information and Communication Technology, with emphasis on aspects of interactive technology**
- **Prepare students for careers in the ICT environments with emphasis on solution design, multimedia and computer games development, technology infrastructure support and interactive applications.**
- **Train students with critical, independent and cooperative learning skills so as to facilitate responses to continuous future changes in technology and industry practices.**
- **Equip students with academic and professional skills to plan, develop and maintain solutions requiring the application of technology in an organisational context within the constraints encountered.**

**SEMESTER 1**

At the beginning of the programme students will foster a mindset that embraces creativity and problem-solving in the digital era alongside skills in the fundamental principles governing computer design. Beyond the professional computing is available to enhance problem-solving and analytical skills.

**Modules**
- Academic Research Skills
- Computer Architecture
- Digital Thinking and Innovation
- Mathematics and Statistics for Computing

**SEMESTER 2**

This semester moves students to a new level in information and communication technology related areas such as operating systems, computer programming, databases, and information systems in organisation. Students are able to gain hands-on experience and build practical applications.

**Modules**
- Operating Systems
- Database Management
- Information Systems with Cloud Concepts
- Programming with Python

**SEMESTER 3**

This semester moves students to a new level in information and communication technology related areas by introducing the interactive technology via Digital Games Design, Re-engineering and Introduction to Graphics and 3D Applications. With these two modules, students explore the potentials in the creative multimedia world and venture into creative work.

**Modules**
- Object Oriented Programming
- Digital Games Design Re-engineering
- System Design
- Introduction to Graphics and 3D Applications

**SEMESTER 4**

Upon successful completion of this programme with CGPA of 2.5 & above and fulfillment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

- Bachelor of Science (Honours) in Computer Games Development
- Bachelor of Science (Honours) in Multimedia Technology
- Bachelor of Science (Honours) in Information Technology
- Bachelor of Science (Honours) in Information Technology with a specialization in VR/AR
- Bachelor of Science (Honours) in Digital Image Production

**SEMESTER 5**

In their final semester, students acquire basic knowledge of computer networks, digital security and forensics to deepen their knowledge of computing technology and ethical responsibilities. Besides, the importance and use of software development is further enhanced in this semester. Students also complete a software development project to demonstrate their skills in integrating knowledge and understanding from the full programme for problem-solving.

**Modules**
- Cyber Security & Forensics
- Audio Visual Technology
- Networking Technologies
- Capstone Project

**INTERNSHIP (12 weeks)**

Students will undertake an Internship/Industrial Training for a minimum period of 12 weeks to prepare them for a smooth transition from the classroom to the working environment.

**Further Studies**

- Bachelor of Science (Honours in Tourism Management with a specialism in E-Business
- Bachelor of Science (Honours in Tourism Management with a specialism in Digital Marketing
- Bachelor of Science (Honours) in Business Management
- Bachelor of Science (Honours) in Business Administration
- Bachelor of Science in Business with a specialism in Cloud Computing and Information Systems
- Bachelor of Science in Business with a specialism in Business Information Technology

**SEMESTER 1**

At the beginning of the programme students will foster a mindset that embraces creativity and problem-solving in the digital era alongside skills in the fundamental principles of IT and business management.

**Modules**
- Academic Research Skills
- Digital Thinking and Innovation
- Managing Business
- Practical IT Skills

**SEMESTER 2**

The modules in the semester are aimed at equipping students with the knowledge and skills in the area of management, statistical and financial aspects of business. In addition, the Fundamental of Entrepreneurship module will begin to take students through the process and the methods involved in the early stages of venture creation. On the technology side, students are exposed to internet applications design and development, and the system development cycle.

**Modules**
- Strategic Management and Ethics
- Fundamentals of Entrepreneurship
- Introduction to Accounting
- System Analysis and Design
- Internet Applications

**SEMESTER 3**

This semester moves the students from the basic business concept and procedures to more advanced topics like Business Statistics, Marketing and Business Economics. In addition, Related technology skills in computer programming enhance their knowledge and efficiency in solving problems and making decision with computing tools and techniques.

**Modules**
- E-Commerce
- Principles of Banking and Finance
- Organisational Behaviour
- Digital Operations Management

**SEMESTER 4**

Upon successful completion of this programme and fulfillment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

- Bachelor of Arts (Honours) in Business Management
- Bachelor of Arts (Honours) in Business Management with a specialism in: - E-Business
- Digital Leadership
- Bachelor of Arts (Honours) in International Business Management
- Bachelor of Arts (Honours) Marketing Management
- Bachelor of Arts (Honours) in Tourism Management
- Bachelor of Science (Honours) in Tourism Management

* Please take note that Bridging module(s) needed before progress into Level 2.

**SEMESTER 5**

The final semester brings students into more advanced areas of business management, including issues related to organisational capabilities and the possible quality and sustainability, and management of IT resources. Graduates will be able to formulate a range of cognitive and intellectual skills as they apply techniques specific to business, management and information technology to create solutions in real-world situations.

**Modules**
- International Business
- People Management
- Quantitative Methods
- Professional Communications

**INTERNSHIP (8 weeks)**

Students will undertake an Internship/Industrial Training for a maximum period of 8 weeks to prepare them for a smooth transition from the classroom to the working environment.

**Further Studies**

- Bachelor of Science (Honours) in Business Management
- Bachelor of Science (Honours) in Business Administration
- Bachelor of Science in Business with a specialism in Cloud Computing and Information Systems
- Bachelor of Science in Business with a specialism in Business Information Technology

* Please take note that students must complete at least 80% of Bridging modules as stipulated by the Malaysian Qualification Agency, as well as full credit requirements for Co-Curricular Activities.
In this semester, students will be equipped with language and communication, as well as information technology skills. Throughout the duration of the semester, students will be exposed to various terminologies and basic concepts related to managerial skills in Managing Business module. These skills are imperative for a smooth transition to the following semester. In addition, the Digital Thinking & Innovation module will shift students from traditional ways of working and learning to be more agile and adaptive with the emerging digital technologies.

**Modules**
- Professional Communications
- Digital Thinking & Innovation
- Managing Business
- Practical IT Skills

**SEMESTER 2**

The modules in this semester are aimed at equipping students with the knowledge and skills in the strategic management, statistical and financial aspects of business. In addition, the Fundamental of Entrepreneurship module will begin to take students through the process and the methods involved in the early stages of venture creation.

**Modules**
- Digital Supply Chain
- Statistical Method
- Marketing
- Business Economics
- Business
- Internet Application

**SEMESTER 3**

This semester moves the students from the basic business concepts and procedures to more advanced topics like Business Statistics, Marketing and Business Economics. In addition, the Digital Supply Chain module will develop the student’s understanding on the nature of digital supply chain in businesses, and how it is organised and managed.

**Modules**
- Marketing
- Fundamental of Entrepreneurship
- Strategic Management
- Ethics
- Introduction to Accounting
- E-business
- Internet Application

**SEMESTER 4**

The modules in this semester are aimed at developing students' understanding of the application of students in a higher level of accounting and financial concepts, techniques, trends, and issues in financial accounting and reporting. These modules are designed to enhance the understanding of students in a higher level of accounting and financial concepts, techniques, trends, and issues in financial accounting and reporting.

**Modules**
- Financial Accounting 1
- Accounting Information System
- Quantitative Methods
- E-Business
- Digital Thinking & Innovation
- Academic Research Skills
- Managing Business
- Practical IT Skills

**SEMESTER 5**

This semester moves students from the basic accounting concepts and procedures to more advanced topics in financial accounting. There are also modules in related subjects such as Economics, Marketing and Business Statistics which will expand the knowledge and efficiency in solving problems and make decisions in different areas of business.

**Modules**
- Financial Accounting 2
- Business Statistics
- Marketing
- Business Economics
- Taxation
- Principles of Audit and Technologies
- Introduction to SAP ERP System in Accounting
- Biometric Analytics
- Financial Accounting 4
- Principles of Banking and Finance

In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as full credit requirements for Co-Curricular Activities.
DIPLOMA IN MECHATRONIC ENGINEERING

In the first semester, students will be taught Instrumentation focusing on control processes that use sensors and actuators. The course module explains and finds out the current and voltage in each element of a network using Kirchoff’s law, network theorems and nodal and mesh analysis. Software based Engineering drawing will also be introduced to complement manufacturing of product.

SEMESTER 1

- **Modules**
  - Instrumentation
  - Fundamentals of Engineering Mathematics
  - Circuit Analysis
  - Engineering Drawing
  - Engineering Designing

This APU Diploma in Mechatronic Engineering is designed to provide:
- Knowledge and skills and attributes enabling them to develop a broad understanding on well defined challenges in the engineering industry in accordance with the Dublin Accord.
- Industrial training is incorporated into the syllabus to enable a generation of future proofing engineers.
- Soft skills which include communication skills, teamwork and life-long learning skills which remain pertinent to the resolution of challenges encountered today and in the future.
- Students with academic and professional skills to develop solutions requiring a holistic yet innovative outlook in mechatronics engineering.
- Students with opportunity to progress seamlessly into degrees recognized by the Washington Accord in relevant areas and a Masters in Engineering from the United Kingdom.

From semester 4 onwards, students are introduced to material science and robotics. Material science is used to apply the basic principles of chemistry and physics to understand the structure and properties of materials which is crucial when designing systems. Robotics deals with the design, construction, operation, and use of robots and computer systems for their control, sensory feedback, and information processing. Students could create their own robots using the knowledge they gained.

SEMESTER 4

- **Modules**
  - Material Science
  - Robotics
  - Thermodynamics
  - Problem Solving and Programming Design

In semester 3, students will continue studying Mathematics. They would also learn the fundamental principle of logic circuits and their applications in digital system. Student are also exposed to number systems, Boolean algebra and Karnaugh map techniques to construct simplified digital circuits, bistates, flip-flops and simple asynchronous and synchronous counters.

SEMESTER 3

- **Modules**
  - Engineering Mathematics 1
  - Analog Electronics
  - Programming with Python

Continuation from semester 1; students study General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.

SEMESTER 2

- **Modules**
  - Electronics
  - Control

Two of the modules in semester 5 involves programming languages. Students are also exposed to Industrial management, safety and ethics. Entrepreneurship module prepares students for developing a mindset for thinking creatively using innovation, recognising opportunities, and generating entrepreneurial ideas.

SEMESTER 5

- **Modules**
  - Systems and Control
  - Petroleum Geology*

This APU Diploma in Mechatronic Engineering is designed to provide:
- Provides the academic aspect as well as the vocational aspects of engineering.
- Prepare students for careers in the International Studies environment.
- Provide students with academic and professional skills to develop solutions required by the core area of International Studies.
- Provide students with critical, independent and cooperative learning skills so as to facilitate their response to continuous change in international arena.
- Develop students’ intellectual skills, communications skills and team working capability.
- Provide students with opportunity to progress into degrees of International standard in relevant areas.

Elective 4:
- **Digital Thinking and Innovation**
- **Managing Business**
- **Practical IT Skills**

SEMIESTER 6

- **Modules**
  - Thermo-Fluids
  - Problem Solving and Programming Design
  - Using C
  - Fundamentals of Entrepreneurship
  - Applied Mechanics
  - Fundamental of Petroleum Engineering
  - Microprocessor Systems
  - Petroleum Geochemistry*

In semester 6, Mechatronics students use CAD software to analyse complex mechanical, electronic, or other engineering systems. Thermo-fluid module combines coverage of basic thermodynamics, fluid mechanics, and heat transfer which remain fundamental in maintaining a high efficiency of production processes and in the subsequent design of products or systems.

This APU Diploma in Mechatronic Engineering is designed to provide:
- Provide the academic aspect as well as the vocational aspects of engineering.
- Prepare students for careers in the International Studies environment.
- Provide students with academic and professional skills to develop solutions required by the core area of International Studies.
- Provide students with critical, independent and cooperative learning skills so as to facilitate their response to continuous change in international arena.
- Develop students’ intellectual skills, communications skills and team working capability.
- Provide students with opportunity to progress into degrees of International standard in relevant areas.
This APU Diploma in Design and Media is designed to provide:

- Provide a programme that covers the academic aspect as well as the vocational aspects of Design and Media.
- Prepare students for careers in the Design and Media environment.
- Provide students with academic and professional skills to develop solutions requiring a holistic outlook in Design Studies.
- Provide students with critical, independent and cooperative learning skills so as to facilitate their response to continuous future international change.
- Develop students' intellectual skills, communications ability and team working capability.
- Provide students with opportunities for progression into Degree Programmes of Design and Media standard in relevant areas.

ADMISSION REQUIREMENTS

- 3 Credits in at least 3 subjects at SPM level, with a minimum of a pass in Bahasa Malaysia and Sejarah (History).
- 3 Credits (Grade C & above) in at least 3 subjects at IGCSE/O-Levels;
- Academic Research Skills
- Introduction Graphic Design
- Trends and Visual Thinking
- Imaging/Production Skills for Design
- Motion Graphics
- Principles of Entrepreneurship
- Project Management
- Academic Research Skills
- Introduction Graphic Design
- Trends and Visual Thinking
- Machine Learning and Artificial Intelligence
- Digital Marketing

SEMESTER 1

In the first semester, students gain vital skills for their academic journey. They will explore fundamental Design and Media concepts, covering drawing techniques, idea generation, trend analysis, visual thinking, graphic design history, and introductory use of software like Adobe Photoshop and Illustrator.

In the first semester, students will:

- Enhance communication prowess and grasp pivotal art theories and practices within the creative industry.
- Delve into advertising principles, honing effective communication techniques. Through marker renderings, they will refine technical hand-drawing skills, while collaborative group work will foster innovative problem-solving aligned with provided project briefs.

SEMESTER 2

Students will delve into project management theories and diverse data collection research methods, crafting effective design solutions in larger teams. They will learn advanced drawing methods for character and environment conceptual art, while exploring complex software like Maya and Tigon Broom for theoretical and practical insights into 2D animation and 3D imaging.

Students will:

- Enhance communication prowess and grasp pivotal art theories and practices within the creative industry.
- Delve into advertising principles, honing effective communication techniques. Through marker renderings, they will refine technical hand-drawing skills, while collaborative group work will foster innovative problem-solving aligned with provided project briefs.

SEMESTER 3

The final semester will focus on 3D animation techniques, teaching students how to bring objects to life through motion, as well as exposure to the evolving media landscape and communication theories, providing insights into modern message transmission. At the end of their semester, students will proudly showcase their chosen design pathway and demonstrate their mastery and creativity skills from their Major Project in a public exhibition. This will provide an opportunity for them to meet and present their portfolio to a panel of industry experts.

SEMESTER 4

In semester 4 and 5, students will get to select their elective modules based on their preferred pathway to further expand their foundations in technical specialisation and creative exploration within the field. Students will immerse in the realm of media and communication, exploring concepts of public relations and communication theories. They will delve into foundational marketing principles and consumer behavior issues, expanding their understanding of the field.

SEMESTER 5

The initial first three semesters lay the cornerstone, imparting vital theories and technical aspects in design and media. These foundational stages prepare students with crucial insights into the creative industry's business facets, and film's cultural context. The introduction to entrepreneurship equips students with essential skills, paving their way to diverse creative pathway options.

Students will:

- Gain broad insights into the advertising realm, exploring client brief analysis, brand placement, and identity to craft design briefs informed by market research. They will delve into foundational marketing principles and consumer behavior issues, expanding their understanding of the field.

PORTFOLIO OR INTERVIEW REQUIRED

- Pass an interview (online/ virtual/ conventional) OR submission of students' portfolio, to be determined by the HEP as required.
- A qualification that APU accepts as equivalent to the above.

COMMON MODULES:

- Academic Research Skills
- Imaging/Production Skills for Design
- Trends and Visual Thinking
- Introduction Graphic Design

ELECTIVE MODULES:

SEMESTER 1

- Motion Graphics
- Digital Illustration Techniques
- Cinema Film Analysis
- Fundamentals of Entrepreneurship
- Major Project Preparation

- Applied Movement
- New Media Studies
- Major Project

SEMESTER 2

- Visual Art Theory and Practice
- Informing the Masses: Advertising and the Media in the 21st Century
- Professional Communication
- Drawing & Presentation Techniques
- Introduction to Creative Project

- Introduction to Project Management
- Illustration for Concept Art
- 3D Pipeline
- Animation Principles

SEMESTER 3

- Design History and Context
- Introduction to Public Relations
- Client Brief Concept
- Marketing Fundamentals, Consumer Behaviour and Creative Practice

- Design History and Context OR Introduction to Public Relations
- Digital 2D Animation
- Advance 3D Pipeline

SEMESTER 4

- Trends and Visual Thinking
- Machine Learning and Artificial Intelligence
- Digital Marketing

- Design History and Context
- Design Style and Substance
- C.A.D. Project or Surface Modeling

SEMESTER 5

- Design History and Context OR Introduction to Public Relations
- Digital Compositing for Film
- Advance 3D Pipeline

- Design History and Context
- Communication Theories
- Marketing Fundamentals, Consumer Behaviour and Creative Practice

Students who undertake this programme will be eligible to progress into Level 2 of:

- Bachelor of Arts (Honours) in Industrial Design
- Bachelor of Arts (Honours) in Animation
- Bachelor of Arts (Honours) in Media and Communication Studies
- Bachelor of Arts (Honours) in Visual Effects
- Bachelor of Arts (Honours) in Digital Advertising

*In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.
Certificate Programmes

- **CERTIFICATE IN ADMINISTRATIVE SKILLS (CAS)**
- **CERTIFICATE IN INFORMATION & COMMUNICATION TECHNOLOGY (CICT)**

**This APIIT Certificate in Administrative Skills (CAS) is designed to provide:**
- Strong communication, leadership, and administrative skills as well as the necessary fundamental knowledge to take on this challenging and ever changing business world.
- Opportunities for progression into Diploma programmes or to embark on a career in administration, marketing, accounting and human resources.

**DURATION**
16 Months (3 Semesters)

**ENTRY REQUIREMENTS**
- 1 Credit at SPM level with a minimum of a pass in Bahasa Malaysia and Sejarah (History);
- 1 Credit (Grade C & above) at IGCSE/O-Level;
- 1 Credit (Grade B & above) at UEC;
- A qualification that APIIT accepts as equivalent to the above.

**SEMESTER 1**
- Modules
  - Basic Mathematics
  - Fundamental IT Skills
  - Youth Development
  - Introduction to Managing Business
  - Basic Research Skills

**SEMESTER 2**
- Modules
  - Introduction to Statistics
  - Digital Thinking and Innovation
  - Business English
  - Personal Skills
  - Basic Accounting
  - Ethics at Workplace

**SEMESTER 3**
- Modules
  - Basic Finance
  - Purchasing Inventory
  - Book-Keeping & Accounting Software
  - Payroll Preparation
  - Basic Marketing Skills
  - Office Administrative Skills

**Further Studies**
Upon successful completion of this programme, you will be eligible to progress into any of the following diploma programmes offered at APU:
- Diploma in Business Administration
- Diploma in Business Information Technology
- Diploma in Accounting
- Diploma in Design and Media
- Diploma in International Studies

**Note:**
- Students who have successfully completed the Certificate Programme may be allowed to transfer credits into the respective Diploma Programmes subject to general terms of credit transfer policy and as a result may be allowed to commence the Diploma directly from semester two.
- Students Progressing to Diploma in Accounting are required to have Credit Pass in Mathematics at SPM / O-Level / IGCSE.
- Students Progressing to Diploma in Design and Media are required to commence from semester one.

In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.
This APIIT Certificate in Information & Communication Technology (CICT) is designed to provide:

- Strong communication, leadership and ICT skills as well as fundamental knowledge to take on a career in this challenging and ever changing IT world.
- Opportunities for progression into Diploma Programme or to embark on a career in Computing, Software Engineering, and various other applications of IT.

**DURATION**

16 Months (3 Semesters)

**ENTRY REQUIREMENTS**

- 1 Credit in any subject at SPM level with a minimum of a pass in Mathematics, Bahasa Malaysia and Sejarah (History).
- 1 Credit (Grade C & above) in any subject with a Pass in Mathematics at IGCSE/O Levels.
- 1 Credit (Grade B & above) in any subject with a Pass in Mathematics at UEC.
- A qualification that APIIT accepts as equivalent to the above.

*Candidates without a Pass in Mathematics at SPM/IGCSE/O Levels or equivalent, need to take and pass the reinforcement Mathematics module before the commencement of the Certificate Programme.*

**SEMESTER 1**

**Modules**

- Basic Mathematics
- Fundamental IT Skills
- Youth Development
- Introduction to Managing Business
- Basic Research Skills

**SEMESTER 2**

**Modules**

- Introduction to Statistics
- Database Concepts
- Digital Thinking and Innovation
- Fundamentals of Information Systems
- Personal Skills
- Ethics at Workplace

**SEMESTER 3**

**Modules**

- Fundamentals of Visual Programming
- Fundamentals of E-Business Applications
- Computer Networks
- Introduction to Computer Architecture
- Windows Configuration & Maintenance
- Web Design & Technology

*In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as SfVR credit requirements for Co-Curricular Activities.*

Upon successful completion of this programme, you will be eligible to progress into any of the following diploma programmes offered at APU:

- Diploma in Information and Communication Technology
- Diploma in Information and Communication Technology with a specialism in Software Engineering
- Diploma in Information and Communication Technology with a specialism in Data Informatics
- Diploma in Information and Communication Technology with a specialism in Interactive Technology
- Diploma in Business Information Technology

*In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as SfVR credit requirements for Co-Curricular Activities.*

Note: Students who have successfully completed the Certificate Programme may be allowed to transfer credits into the respective Diploma Programmes subject to general terms of credit transfer policy and as a result may be allowed to commence the Diploma directly from semester two.

Further Studies

**SEMESTER 1**

**Modules**

- Basic Mathematics
- Fundamental IT Skills
- Youth Development
- Introduction to Managing Business
- Basic Research Skills

**SEMESTER 2**

**Modules**

- Introduction to Statistics
- Database Concepts
- Digital Thinking and Innovation
- Fundamentals of Information Systems
- Personal Skills
- Ethics at Workplace

**SEMESTER 3**

**Modules**

- Fundamentals of Visual Programming
- Fundamentals of E-Business Applications
- Computer Networks
- Introduction to Computer Architecture
- Windows Configuration & Maintenance
- Web Design & Technology

*In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as SfVR credit requirements for Co-Curricular Activities.*

Upon successful completion of this programme, you will be eligible to progress into any of the following diploma programmes offered at APU:

- Diploma in Information and Communication Technology
- Diploma in Information and Communication Technology with a specialism in Software Engineering
- Diploma in Information and Communication Technology with a specialism in Data Informatics
- Diploma in Information and Communication Technology with a specialism in Interactive Technology
- Diploma in Business Information Technology

*In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as SfVR credit requirements for Co-Curricular Activities.*

Note: Students who have successfully completed the Certificate Programme may be allowed to transfer credits into the respective Diploma Programmes subject to general terms of credit transfer policy and as a result may be allowed to commence the Diploma directly from semester two.
WHAT OUR ALUMNI SAY...

WONG MUN CHOONG, ALEXANDER (Malaysia)
Diploma in Information Technology (2010)
BSc (Hons) in Computing with a specialism in Software Engineering, Class of 2012
Software Engineer - Fusionex International
“I would describe these place as exciting and opportunistic. Every day, there are constantly new adventure to tick off, ranging from hackathon and competition that are constantly recommended by the professor or tutor in order to push our limit. In fact, what benefit me most is the encouragement and support provided by staff and culminating the entire journey as an APIITian and prepped me in every challenge faced throughout career. What you learned in classroom will never be enough. Take the opportunity you have as student and challenge yourself to the limit. You will be surprise the amount of experience you will get from these.”

ELAHEH SHAKERI (Iran)
Diploma in Electrical & Electronic Engineering (2012)
B.Eng (Hons) in Mechatronic Engineering, Class of 2016
Project Engineer - Coesia Group, Italy
“Today I’m proud to be considered as the best of the best engineering graduates in the globally leading supplier of high-tech machinery. APIU was where I created my future in.”

LIW SUN HUNG (Malaysia)
Foundation (2008)
B.E (Hons) in Telecommunication Engineering, Class of 2014
Product Engineer - Huawei Technologies, Malaysia
“As the beginning of a journey, the first thing you should do is to throw away your map on hand and start with you own drawing. APIU is where my innovative path with sparkling ideas begun.”

HO LIP XIN (Malaysia)
Foundation (2008)
BA (Hons) in Accounting and Finance, Class of 2011
Senior Consultant / Manager - Pricewaterhouse Coopers (PwC)
“APU, or previously known as UCTI, is a great university. It is rather unique in the sense that this university actually requires its students to wear formally for classes. This unique culture creates a professional environment within the campus and I am glad that my parents enrolled me into this university immediately after the completion of my secondary education. The high quality education obtained from APU helps me to stand out among other applicants in job application, and I was offered a job in one of the premier accounting firm immediately upon graduation. Moreover, the knowledge that I obtained from the bachelor degree programme in APIU is also of great help when I sat for my ACCA examination.”

ADRI AHMAD BIN ADLAN (Malaysia)
Foundation (2011)
BSc (Hons) in Computer Games Development, Class of 2014
QA Tester - Streamline Studios
“Studying in APIU has been an unforgettable experience. I entered APIU with such hopes of becoming a video game developer but what I got instead were something more than that. Throughout my years in APIU, I did a lot of things. Being a librarian in the library, joined various Homestay events, became president for the APIU Malay Cultural Society, co-founded an anime club called Manga, Anime and Games (M.A.G.) Club, join more fun events and so much more! I’ve encountered many people and hold many positions but those accumulated into a huge experience that I will never forget. I can say that not only I learn the fundamentals of video game development from the classes APIU provides but I learn the fundamentals of life from the people I meet here in APIU.”

AISHATH ARSHEE KHALEEL (Maldives)
Foundation (2010)
BA (Hons) in Media Marketing, Class of 2013
MSc in Global Marketing Management, Class of 2016
Business Development Manager & Acting General Manager - Celmex Madives Pvt. Ltd.
“APU did not only inspired me in my career but also inspired me in my Professional Skills and Career Development as a whole. What was learned through APIU with their skilled lecturers in a multicultural environment that fostered an intensive learning culture would forever be cherished. My memories at APIU are going to be remembered as some of the best days of my life.”
Awards received by the university and our students at local, regional and international competitions are a testimony to their knowledge, skills and professional attributes.

**Talentbank’s Employers’ Choice Award**
- 2024 - Employer of Choice University

**Cybersecurity Excellence Awards**
- 2019 - Best Cybersecurity Education Provider in Asia

**Private Education Excellence Awards**
- 2022 - Best Faculty Member
- 2022 - PDTI Outstanding Faculty

**Hilti IT Competition**
- 2023 - Champion

**Makings of History - Awards and Achievements**

**University of Student Achievements (Institution Category)**
- 2023 - Best in Student Achievements

**Private Education Excellence Awards**
- 2022 - Outstanding Faculty Member

**Vanities Hackathon**
- 2024 - Champions

**WITCNE Global Women’s Cyber League Game 2024: Capture the Flag (CTF)**
- 2024 - 1st Place in the Hack the CTF Challenge
- 2024 - 1st Place in the Women’s Society of Cyberspace (CTF)

**Etihad Hackathon**
- 2024 - 1st Place for depicting digital investment on Dacian Finance
- 2024 - 2nd Place in the Best Overall Project on Zecrat

**Malaysia Technology Expo’s (MTE) Asian Youth Innovation Awards (AYIA)**
- 2024 - Gold Medal (SCT category)

**Digital Campus 2.0 Campaign by Paynet**
- 2024 - The Champion & The Best Pitch

**International Human Environment Care Film Festival (HECFF)**
- 2024 - 7th Place in the SANS Bootup CTF

**Madc Premier Digital Tech Institution Awards**
- 2023 - Outstanding Faculty Award (University Category)
- 2023 - Outstanding Faculty Member Award (3rd Place)
- 2022 - POTI Outstanding Faculty
- 2022 - Best Faculty Member

**Private Education Excellence Awards**
- 2023 - Best in Student Achievements (Institution Category)
- 2023 - Best in Diversity & Inclusion (Institution Category)
- 2023 - National Outstanding Innovative Award
- 2023 - National Outstanding Young Educator Merit Award

**Hult Prize Competition**
- 2023 - Champion
- 2022 - 2nd Runner Up
- 2021 - Champion
- 2020 - Champion
- 2019 - 1st Runner Up

**Hacktitude Malaysia**
- 2023 - Champion

**Asia Pacific ICT Awards (APITC) Malaysia**
- 2023 - National Winner of Industrial Manufacturing and Students (Tertiary) category (MSC Malaysia APITC)

**National Symposium on Human Computer Interaction - Fusion**
- 2023 - 1 Gold Award, 2nd Placing Awards, and 2 Silver Awards

**ImpactHack by Standard Chartered**
- 2023 - Champion

**University Malaysia (UM) Hackathon**
- 2023 - 2 Champions

**MyStartupHackathon & Digital Nasional Berhad (DNB)**
- 2023 - Problem Statement 5 Winner

**Institute of Engineers Malaysia (IEM) Award**
- 2023 - Gold Award
- 2022 - Gold Award
- 2021 - Gold Award
- 2020 - Gold Award
- 2019 - Gold Award
- 2018 - Gold Award
- 2017 - Gold Award
- 2016 - Gold Award
- 2015 - Gold Award

**Water Vanguards Challenge 2023**
- 2023 - Champion

**Wicked 4 Cyber Games, 2023 Women’s Global Cyber**
- 2023 - 1st Place in Women’s Society of CyberSu (WSC) CTF
- 2023 - 2nd Place in the Hacks CTF and Security Innovation CTF
- 2023 - 7th Place in the SANS Bstrup CTF

**30-Hour No Code Hackathon**
- 2023 - 1st Place Winner

**Microsoft’s Code Without Barriers Hackathon**
- 2023 - Winners

**APIU AWS DeepRacer Competition**
- 2023 - 1st Place
- 2022 - 3rd Place

**Adobe Certified Professional (ACP) Championship Malaysia**
- 2023 - National Champion
- 2022 - Top 5

**World of Robotics Championship (WRC)**
- 2023 - Champion

**Petrons Inter-University Capture the Flag (CTF) Challenge 2023**
- 2023 - First Place & 2nd Runner Up

**Data Mining Cup**
- 2023 - Best Project of the Year-Returns Reduction in E-commerce

The APIIT Education Group received the prestigious Prime Minister’s Industry Excellence Award from the Prime Minister of Malaysia. Only one organisation was selected to receive the Prime Minister’s Industry Excellence Award among nearly 30 other award recipients in 8 different categories. The Industry Excellence Awards, organised by the Ministry of International Trade & Industry (MITI), recognises and rewards organisations for organisational excellence including competitiveness, innovativeness, market presence and export performance. Winning the Prime Minister’s Industry Excellence Award is a significant milestone and an honour for APIIT as a leader in higher education. The award truly reflects our commitment and focus on quality, innovation, graduate employability and internationalism.

For more awards listing, please visit APIIT website.