ACCOUNTING, ACCTECH, FORENSIC ACCOUNTING,
BANKING, FINANCE, FINANCIAL TECHNOLOGY,
INVESTMENT ANALYTICS, ACTUARIAL STUDIES



A · P · U

ASIA PACIFIC UNIVERSITY
OF TECHNOLOGY & INNOVATION

I am precise

ACCOUNTING, ACCTECH, FORENSIC ACCOUNTING,
BANKING, FINANCE, FINANCIAL TECHNOLOGY,
INVESTMENT ANALYTICS, ACTUARIAL STUDIES

INNOVATIVE
THINKING
CAN CHANGE
YOUR WORLD

360°

QAA
INSTITUTION ACCREDITED
ASIA PACIFIC UNIVERSITY OF
TECHNOLOGY AND INNOVATION
Valid: 04/2024 - 04/2029

5 STAR
EXCELLENT RATING
SETARA

MD™
Premier Digital
Tech Institution

QS WORLD UNIVERSITY RANKINGS
2027

QS 1st Malaysian University
5-Stars Plus

First and Only Malaysian University with QAA UK Accreditation 2024 - 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 submission 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 on 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.

1st Malaysian University

5-Stars Plus

1 of 24 in the world

QS WORLD UNIVERSITY RANKINGS 2027

QS WORLD UNIVERSITY RANKINGS 2027

TOP 2% in the World

#528	#20	#157	TOP 500	#177
WORLDWIDE Top 2% Globally	INTERNATIONAL STUDENTS	INTERNATIONAL FACULTY	EMPLOYER REPUTATION	STUDENT EXPERIENCE

QS WORLD UNIVERSITY RANKINGS : ASIA 2026

#39	#147
IN SOUTH EAST ASIA	IN ASIA

TOP 20 IN ASIA & TOP 5 IN ASEAN

APU has achieved outstanding recognition in the AppliedHE All Asia 2026 Private University Ranking. This remarkable achievement reflects our unwavering commitment to academic excellence, innovation, and global impact. The AppliedHE Private University Ranking: All Asia was created with the goal of measuring the things about private universities that students deciding on their higher education journey find most important. The ranking measures what is important to students: the quality of teaching and learning, Employability, Research, Internationalisation, Community Engagement and Institution Reputation.

APU MAKES WAVES IN THE QS WORLD UNIVERSITY RANKING 2027 - TOP 2% GLOBALLY

The Asia Pacific University of Technology & Innovation (APU) has been officially recognised among the world's leading universities in the QS World University Rankings 2027, achieving a global ranking of #528 and placing APU within the Top 2% of universities worldwide. APU is also ranked #20 in the World for International Students, reflecting its highly diverse, multicultural and globally inclusive learning environment, with students representing more than 130 nationalities studying together on campus.

APU IS AWARDED 2026 EMPLOYERS' CHOICE OF UNIVERSITY - TALENTBANK

Renowned for its 100% employability rate among graduates, APU underlined its strengths by being selected as the 2026 Employers' Choice of University in Talentbank's annual survey of employers. Further reinforcing its strong employability outcomes, APU programmes received the prestigious Talentbank 6-Star Employer Choice rating in the following fields: Computing & IT, Actuarial Science, Analytics, Animation, Banking, Business Management, Event Management, Finance, Games Design & Development, Human Resource Management, and Mechatronic Engineering.



APU IS AWARDED BEST AI UNIVERSITY, BEST TECH UNIVERSITY & BEST FUTURE READY UNIVERSITY - PC.COM AWARDS 2025

The PC.com Awards are prestigious accolades that celebrate organisations demonstrating excellence and leadership in technology and innovation. At the 2025 Awards, Asia Pacific University of Technology & Innovation (APU) once again stood out, earning Best Tech University, Best Future Ready University, and the newly introduced Best AI University titles, as voted by PC.com readers. These achievements reaffirm APU's dedication to delivering world-class digital technology programmes and shaping future-ready graduates. APU continues its winning streak, having previously secured both Best Tech University and Best Future Ready University in 2024, and Best Tech University 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

OUTSTANDING

Rated for Excellence

Asia Pacific University of Technology & Innovation

The QS Intelligence Unit has, through rigorous and independent data collection and analysis of performance metrics as set out in the QS Stars™ methodology, rated Asia Pacific University of Technology & Innovation as a Five Stars Plus institution.

Teaching	Internationalisation	Facilities	Social Responsibility
Employability	Academic Development	Accounting & Finance	Inclusiveness
Online Learning			

QS STARS

The QS Stars™ rating system is operated by the QS Intelligence Unit, the independent compiler of the QS World University Rankings® since 2004. 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.

Leigh Kamolins, Head of Evaluation

18 Oct 2021

Inspiring

you towards
ingenuity & innovation



ACCOUNTING, ACCTECH, BANKING, FINANCE, FORENSIC ACCOUNTING, FINANCIAL TECHNOLOGY, INVESTMENT ANALYTICS, ACTUARIAL STUDIES PROGRAMMES

DEGREE PROGRAMMES

- **Bachelor of Accounting and Finance (Honours)**
- **Bachelor of Accounting and Finance (Honours)** *with a specialism in Forensic Accounting*
- **Bachelor of Accounting and Finance (Honours)** *with a specialism in Forex and Investments*
- **Bachelor of Accounting and Finance (Honours)** *with a specialism in Accounting Technology*

ACCREDITED PROGRAMME · CPA AUSTRALIA ACCREDITED PROGRAM · ICAEW · AICPA & CIMA · MICPA MALAYSIA

- **Bachelor in Banking and Finance (Hons)**
- **Bachelor in Banking and Finance (Hons)** *with a specialism in Investment Analytics*
- **Bachelor in Banking and Finance (Hons)** *with a specialism in Financial Technology*
- **Bachelor in Banking and Finance (Hons)** *with a specialism in Financial Technology*

FAOM · AICB · CFA Institute University Affiliation Program

- **Bachelor of Financial Technology (Honours)**

FAOM

- **Bachelor of Science (Honours) in Actuarial Studies**
- **Bachelor of Science (Honours) in Actuarial Studies** *with a specialism in Data Analytics*
- **Bachelor of Science (Honours) in Actuarial Studies** *with a specialism in Financial Technology*

Institute and Faculty of Actuaries · SOCIETY OF ACTUARIES · Casualty Actuarial Society

APU – A 5-STAR (EXCELLENT) RATED INSTITUTION

5 STAR EXCELLENT RATING SETARA
APU amongst the Highest Rated Emerging Universities - 2019

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

MD Premier Digital Tech Institution

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.

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APU - FIRST EVER MALAYSIAN UNIVERSITY WITH QAA UK ACCREDITATION



Experience

APU's iconic campus

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.







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.

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









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.

Ranked No.20 in the **World** for **International Students**
QS World University Rankings 2027

MALAYSIA'S AWARD WINNING UNIVERSITY

Engineering Degrees Accredited under **WASHINGTON ACCORD**
(accepted Worldwide)

100% Employability*

TOP 20 in **Asia**
AppliedHE All Asia Private University Rankings 2026

FIRST IN MALAYSIA TO ACHIEVE 5-STARS PLUS IN QS RATINGS

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



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.*







Empowering High-Impact Careers

APU is widely recognised for producing career-ready graduates with exceptional employability and competitive starting salaries across Malaysia's key growth sectors. By integrating industry-relevant curricula, practical learning experiences, and strong corporate engagement, APU equips its graduates to succeed in dynamic and globally connected career pathways.



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.

RANKED

#20 in the World for International Students

QS World University Rankings 2027





A Hub of Cultural Diversity

With students from over 130 countries, we ensure that you will gain memorable experiences alongside the diversifed 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.

QS WORLD UNIVERSITY RANKINGS 2027

A Truly International Community

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.











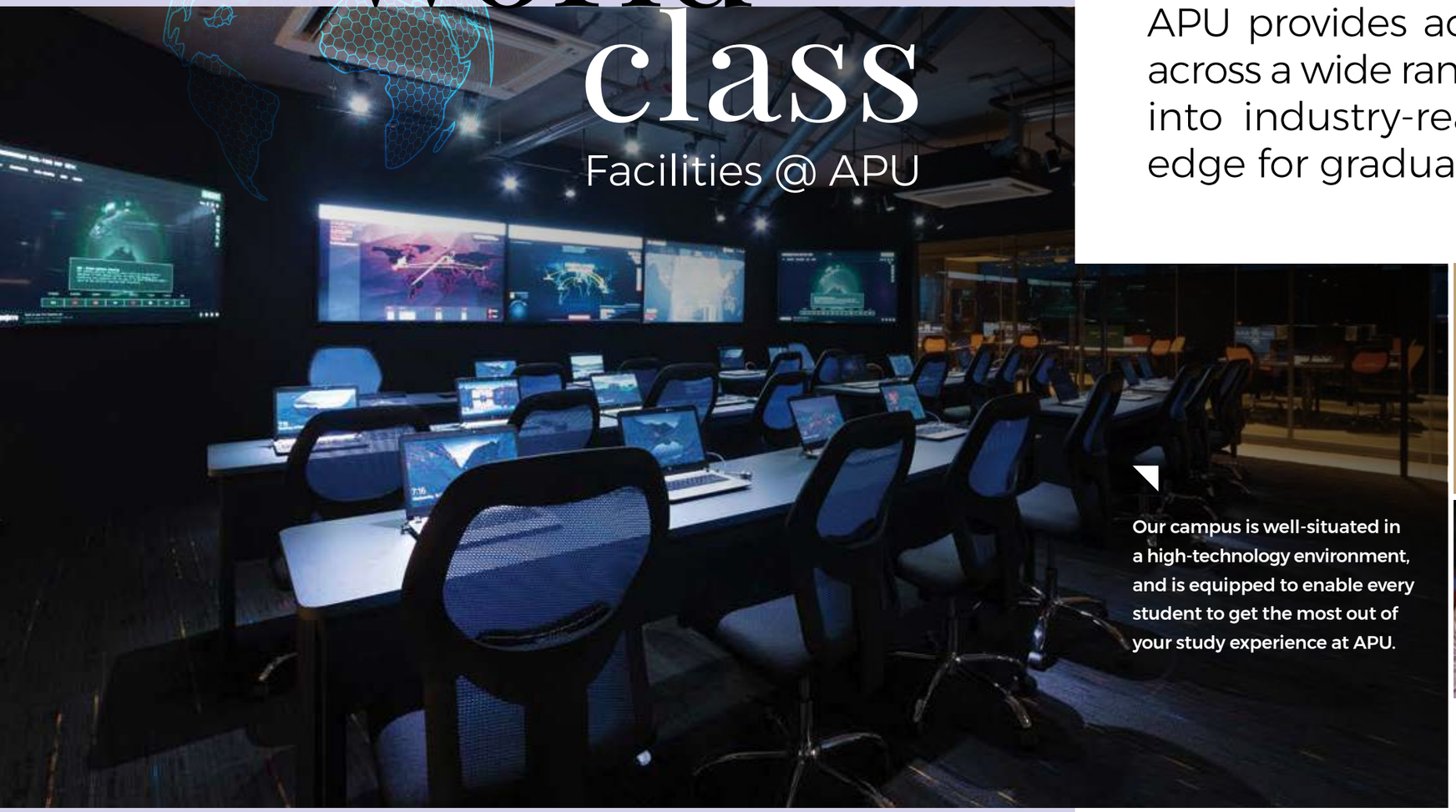


Student Life @ APU

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



Our campus is well-situated in a high-technology environment, and is equipped to enable every student to get the most out of your study experience at 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.

Our Partner in Quality

De Montfort University (DMU), UK









150 years of academic excellence

De Montfort University (DMU) Leicester is a dynamic, 21st century UK university. With an original campus in Leicester, a new one in London and growing campuses around the world in Dubai, Kazakhstan and Cambodia, DMU has a truly global outlook and international reach.

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 job 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 Team provides guaranteed work experience opportunities including placements, internships and career mentoring to open doors that will help you achieve your ambitions..





About DMU

- Since its beginnings in Leicester 150 years ago, DMU has transformed into a global university. We deliver outstanding education around the world, both at our own campuses and with our partner universities.
- Each year, international students from more than 140 countries choose to study at DMU.
- DMU is rated a 5-star 'excellent' institution by QS Top Universities for our teaching, facilities, employability, global outlook and more.
- DMU's Careers Team won Employability Team of the Year at the TargetJobs National Graduate Recruitment Awards for helping students reach their ambitions.
- DMU is the only UK university to be appointed as Chair of the hub for the United Nations' sustainable development goal 11 - sustainable cities and communities.
- Leicester is known for being welcoming and student-friendly, with a rich history and a diverse culture. It's been named the best city in the East Midlands to live and work (Good Growth for Cities Index, 2024).

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).





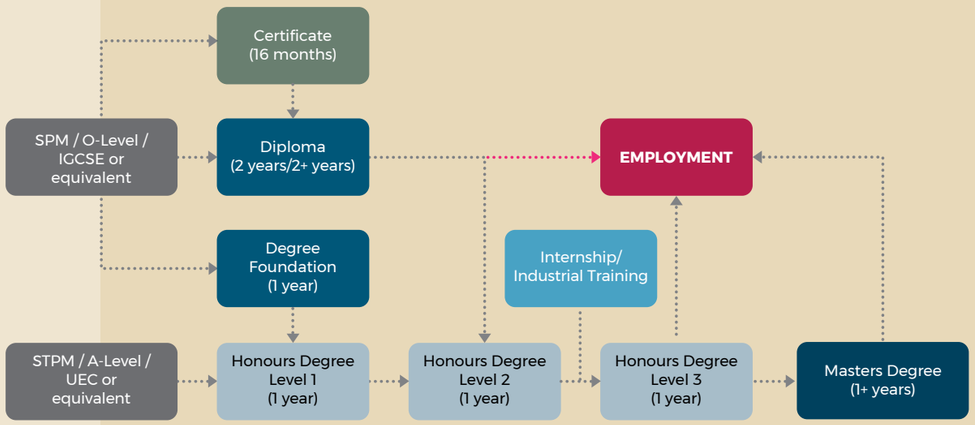






Pathways & Admission Requirements

YOUR STUDY PROGRESSION



APU FOUNDATION ADMISSION REQUIREMENTS

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

* *Some Degree Programmes may require a Credit in Mathematics at SPM/IGCSE/O-Level or equivalent.*

* *Engineering Degree Programmes require a Credit in Mathematics and Physics or Chemistry at SPM/IGCSE/O-Level or equivalent.*

* *Foundation in Computing (ODL) - 100% Online requires a Credit Pass in Mathematics*

ADMISSION REQUIREMENTS

BACHELORS (HONS) DEGREE PROGRAMMES

General Requirements		
DIRECT ENTRY TO LEVEL 1 OF THE DEGREE:		
	Accounting & Finance	**Banking & Finance / Actuarial Studies / Financial Technology**
STPM	- 2 Passes in STPM with a minimum Grade C+ (GP 2.33) and a Credit in Mathematics at SPM Level or its equivalent. *Candidates who have obtained a Pass in Mathematics, but do not have a Credit Pass in Mathematics at SPM/IGCSE or equivalent, need to take a Pre-Requisite Mathematics module before enrolment.*	- 2 Passes in STPM with a minimum Grade C+ (GP 2.33) and a Credit in Mathematics and a Pass in English at SPM Level or its equivalent.
A-LEVEL	- 2 Passes (Grade A-D) in A-Level in any 2 subjects, and a Credit in Mathematics at SPM/O-Level or its equivalent. *Candidates who have obtained a Pass in Mathematics, but do not have a Credit Pass in Mathematics at SPM/IGCSE or equivalent, need to take a Pre-Requisite Mathematics module before enrolment.*	- 2 Passes (Grade A-D) in A-Level in any 2 subjects, and a Credit in Mathematics and a Pass in English at SPM/O-Level/ IGCSE or its equivalent.
UEC	- 5 Grade B's in any subjects in UEC including Mathematics. *Candidates who have obtained a Pass in Mathematics, but do not have a Credit Pass in Mathematics at SPM/IGCSE or equivalent, need to take a Pre-Requisite Mathematics module before enrolment.*	- 5 Grade B's in any subjects in UEC including Mathematics with a Pass in English. .
MATRICULATION/ FOUNDATION	- Passed Foundation programme (minimum CGPA of 2.5) with a Credit in Mathematics at SPM/O-Level/IGCSE or equivalent. *Candidates who have obtained a Pass in Mathematics, but do not have a Credit Pass in Mathematics at SPM/IGCSE or equivalent, need to take a Pre-Requisite Mathematics module before enrolment.*	- Passed Foundation programme (minimum CGPA of 2.5) with a Credit in Mathematics and a Pass in English at SPM/O-Level/IGCSE or equivalent.
ENTRY TO LEVEL 2 OF THE ACCOUNTING, BANKING OR FINANCE DEGREE:		
DIPLOMA IN ACCOUNTING	- Passed Diploma with minimum CGPA of 2.5 and a Credit in Mathematics at SPM/O-Level/IGCSE level.	

Any qualification that APU accepts as equivalent to the above.

ENGLISH REQUIREMENTS (only applicable to International Students)

Programmes	Requirements
Foundation Programme	• IELTS : 4.0 • TOEFL IBT : 30-31 • Pearson (PTE) : 36 • MUET : Band 3
Diploma in Accounting	• IELTS : 4.5 • TOEFL IBT : 33 • Pearson (PTE) : 43 • MUET : Band 3
Accounting & Finance & Actuarial Studies Bachelor (Hons) Degree Programmes	• IELTS : 5.0 • TOEFL IBT : 40 • Pearson (PTE) : 47 • MUET : Band 3.5
Banking & Finance, Financial Technology Bachelor (Hons) Degree Programmes	• IELTS : 6.0 • TOEFL IBT : 60 • Pearson (PTE) : 59 • MUET : Band 4

Please note that under Ministry of Higher Education regulations, only students who have achieved the minimum requirement in the English Language proficiency assessment as indicated above will be allowed to continue their studies in the main study programme. Students who do not have the required English Language achieveÂment may apply for a student visa on conditional basis and are allowed to enrol in an English Language Certification programme at APU upon arrival in Malaysia and, subsequently, appear for the IELTS/TOEFL/PTE/MUET assessment.

Students who are unable to obtain the required level of English Competency during the maximum 12 months' 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-Levels, 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).

Foundation Programme – Your Future. Your Choice.

Duration: 1 Year (3 Semesters)

(R3/0011/3/0089)(11/29)(A10955)

MODULES YOU STUDY

The modules studied help develop your study skills, introduce you to what you can expect on your degree and also allow you to discover what you can study depending on whether you choose a degree in Accounting, Banking, Finance, Actuarial Studies, Psychology, Business & Management, Computing & Technology, Game Development, Engineering, Industrial Design, Animation, Visual Effects, Media, Hospitality & Tourism and International Relations.

ENRICHING EXPERIENCES - MORE THAN JUST A FOUNDATION

The APU Foundation Programme lays the pathway towards professional tertiary education. It is a vital transformation point for students; soft skills, general knowledge and preparatory subject fundamentals acquired at the Foundation lead to excellence in a student's education performance, as well as career-readiness as they move on as global professionals eventually. This is achieved through 4 key areas:

- Leadership & Teamwork
- Problem-Solving Skills
- Social Skills & Responsibilities
- Practical Skills

The unique support system at APU Foundation Programme consists of helpful academic mentors who are committed in ensuring academic achievements, providing pastoral care, advising, mentoring, motivating students' potential and performance, to ensure that they undergo a smooth transition from secondary education to tertiary learning.

Learn, Apply, Achieve - Practical Assessments for Meaningful Learning

At APU, learning is designed to be practical, engaging, and relevant. Many Foundation modules are assessed through projects, presentations, case studies, and coursework, allowing you to apply knowledge in real-world situations. This approach builds critical thinking, problem-solving, communication, and teamwork skills while preparing you for degree-level studies and future career success. Where appropriate, final examinations are included to ensure a well-rounded academic foundation.

SEMESTER 1 (COMMON SEMESTER 1)	• English for Academic Purposes • Personal Development & Study Skills • Digital Communication & Collaboration • Mathematics			
ROUTES	**BUSINESS, FINANCE & SOCIAL SCIENCES**	**COMPUTING & TECHNOLOGY**	**ENGINEERING**	**ARCHITECTURE & DESIGN**
SEMESTER 2	• Public Speaking & Personal Branding • Global Business Trends & Supply Chains • Digital Business & Entrepreneurship • Further Mathematics** / Psychology & Behavioral Science • Principles of Accounting and Finance / Global Citizenship & Cultural Intelligence	• Public Speaking & Personal Branding • Digital Business & Entrepreneurship • Computational Thinking & Programming • Further Mathematics • Computer Systems, Networks and Cloud Technologies	• Public Speaking & Personal Branding • Digital Business & Entrepreneurship • Computational Thinking & Programming • Mechanics for Engineers • Engineering Mathematics	• Public Speaking & Personal Branding • Introduction to Digital Photography • Fundamentals of Drawing • Design Studies • Design Project 1 / Architecture and Built Environment
SEMESTER 3	• Research & Data Literacy • Business Economics & Global Markets • AI for Business & Design • Co-Curricular *Choose **one** of the following modules:* • Discovering Media in the Digital Age • Cyberpsychology and Digital Society • Exploring Hospitality, Travel & Tourism • Fundamentals of Risk Management • Next-Gen Accounting Tech and FinTech	• Research & Data Literacy • Cyber Security & Digital Resilience • AI Essentials for the Digital World • Co-Curricular *Choose **one** of the following modules:* • Exploring Games & Immersive Technologies • Discovering Media in the Digital Age • Cyberpsychology and Digital Society • Exploring Hospitality, Travel & Tourism	• Research & Data Literacy • Science for Engineers • AI, Robotics & Automation Fundamentals • Design Thinking for Engineers – Fraunhofer IEM • Co-Curricular	• Research & Data Literacy • AI for Business & Design • Life Drawing / Architectural Drawing and Communication • Design Project 2 / Architectural Design Project • Co-Curricular *Choose **one** of the following modules:* • History of Design and Media • Exploring Games & Immersive Technologies • Cyberpsychology and Digital Society
You may then proceed to Level 1 of a Degree of your choice in the following pathways				
PRIMARY PATHWAYS	**- Business, Management, Hospitality & Tourism** **- Accounting, Finance, Banking & Actuarial Studies** **- Media, Communication & Psychology** **- International Relations**	**- Computing & Technology** **- Immersive Technology & VR/AR** **- Game Development**	**- Electrical and Electronic Engineering** **- Mechatronic & Mechanical Engineering** **- Computer Engineering** **- Petroleum Engineering**	**- Industrial Design, Visual Effects, Animation & Digital Advertising** **- Architecture**
ALTERNATIVE PATHWAYS Students may alternatively choose the following:	- Computing & Technology - Immersive Technology & VR/AR - Industrial Design, Visual Effects, Animation & Digital Advertising - Architecture - Game Development	- Business, Management, Hospitality & Tourism - Accounting, Finance, Banking & Actuarial Studies - Industrial Design, Visual Effects, Animation & Digital Advertising - International Relations - Media, Communication & Psychology - Architecture	- Computing & Technology - Immersive Technology & VR/AR - Accounting, Finance, Banking & Actuarial Studies - Business, Management, Hospitality & Tourism - Industrial Design, Visual Effects, Animation, Digital Advertising & Architecture - International Relations - Media, Communication & Psychology - Game Development	- Computing & Technology - Immersive Technology & VR/AR - Accounting, Finance, Banking & Actuarial Studies - Business, Management, Hospitality & Tourism - International Relations - Media, Communication & Psychology - Game Development

YOUR FOUNDATION PATHWAY TO A DEGREE OF YOUR CHOICE

(Please refer to individual course brochure for details and admission requirements.)

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

Mathematics

Leading from APU Foundation to your Choice of Degree Studies; please note that a Credit Pass in Mathematics at SPM / O-Level / IGCSE is required for the following programmes:

Computing & Technology

- 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)
  - Sustainable Computing
  - Financial Technology (FinTech)
  - Business Information Systems
- 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*
  - Quantum Computing*
- Bachelor of Computer Science (Hons) (Artificial Intelligence)*
- Bachelor of Science (Honours) in Computer Science (Cyber Security)*
- Bachelor of Science (Honours) in Computer Science (Cyber Security) with a specialism in
  - Digital Forensics*

Accounting, Banking, Finance & Actuarial

- Bachelor of Accounting and Finance (Honours)
- Bachelor of Accounting and Finance (Honours) with a specialism in
  - Forensic Accounting
  - Forex and Investments
  - Accounting Technology
- Bachelor in Banking and Finance (Hons)
- Bachelor in Banking and Finance (Hons) with a specialism in
  - Investment Analytics
  - Financial Technology
- Bachelor of Financial Technology (Honours)
- Bachelor of Science (Honours) in Actuarial Studies
- Bachelor of Science (Honours) in Actuarial Studies with a specialism in
  - Data Analytics
  - Financial Technology

Architecture

- Bachelor of Science (Honours) in Architecture

PORTFOLIO OR INTERVIEW REQUIRED

Immersive Technology & Game Development

- Bachelor in Interactive Media and Immersive Technology (Honours)
- Bachelor in Interactive Media and Immersive Technology (Honours) with a specialism in
  - VR/AR
- Bachelor in Game Development (Honours)

PORTFOLIO OR INTERVIEW REQUIRED

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; please note that a Credit Pass in Mathematics and Physics OR Chemistry at SPM / O-Level / IGCSE is required for the following programmes:

Engineering

- Bachelor of Electrical and Electronic Engineering with Honours
- Bachelor of Mechatronic Engineering with Honours
- Bachelor of Mechanical Engineering with Honours
- Bachelor of Computer Engineering with Honours
- Bachelor of Petroleum Engineering with Honours

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

Mathematics

Science OR Physics OR Chemistry OR Biology

Leading from APU Foundation to your Choice of Degree Studies; 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 for the following programme:

Psychology

- Bachelor of Science (Honours) in Psychology
- Bachelor of Science (Honours) in Psychology with a specialism in
  - Cyberpsychology
  - People and Culture

Leading from APU Foundation to your Choice of Degree Studies:

Business, Management, Marketing & Digital Marketing

- Bachelor of Arts (Honours) in Business Management
- Bachelor of Arts (Honours) in Business Management with a specialism in
  - E-Business
  - Digital Leadership
  - AI & Business Analytics
  - Business Economics
- Bachelor of Arts (Honours) in International Business Management
- Bachelor of Arts (Honours) in International Business Management with a specialism in
  - Supply Chain Management
- Bachelor of Arts (Honours) in Human Resource Management
- Bachelor of Arts (Honours) in Human Resource Management with a specialism in
  - People Analytics
- Bachelor in Digital Marketing (Honours)

Hospitality & Tourism

- Bachelor of Arts (Honours) in Tourism Management
- Bachelor of Science (Honours) in Hospitality and Tourism with a specialism in
  - Hospitality Innovation
  - Events Management
  - Aviation Management

Media and International Relations

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

Media, Arts & Design

- Bachelor of Arts (Honours) in Industrial Design
- Bachelor of Arts (Honours) in Visual Effects
- Bachelor of Arts (Honours) in Animation
- Bachelor of Arts (Honours) in Digital Advertising

PORTFOLIO REQUIRED

* Students who choose to progress to Computer Science, Software Engineering, Data Analytics, Cyber Security, Digital Forensics and Artificial Intelligence programmes will be required to undertake Foundation Pathways from the **Computing & Technology** route or **Engineering** route if the student does not have a credit in Additional Mathematics at SPM / O-Level / IGCSE or equivalent.

Students who have completed Foundation from other routes apart from the above are required to do a Pre-Requisite module in Further Mathematics or equivalent in the first semester of the Degree Programme, provided they also still have Credit in Maths and Science or ICT subject at SPM / O-Level / IGCSE or equivalent.

** Further Mathematics module is Compulsory for students who choose to progress to Bachelor of Science (Honours) in Actuarial Studies.



APU Diploma Programme

Our Diploma Programme is designed to prepare those with SPM, O-Levels or similar qualifications with academic as well as the vocational aspects of various areas of studies. The programmes are designed to:

- Prepare students for careers in the respective environment
- Provide students with academic and professional skills to develop solutions requiring a holistic outlook in various areas of studies
- Provide students with critical, independent and cooperative learning skills so as to facilitate their response to continuous future international change
- Develop intellectual skills, communications ability and team working capability
- Provide students with opportunities for progression into the Degree Programmes of their choice*

* Pathways after Diploma Programme vary accordingly.

OUR DIPLOMA PROGRAMME:

- **Diploma in Accounting**

PATHWAYS AFTER DIPLOMA TO ACCOUNTING, BANKING & FINANCE DEGREES

Upon successful completion of the Diploma Programmes, you will be eligible to progress into Year 2 of any of the following degree programmes offered at APU.

Diploma in Accounting

(This programme is accredited by ACCA with 3 papers exemption)

- **Bachelor of Accounting and Finance (Honours)**
- **Bachelor of Accounting and Finance (Honours)** with a specialism in Forensic Accounting
- **Bachelor of Accounting and Finance (Honours)** with a specialism in Forex and Investments
- **Bachelor of Accounting and Finance (Honours)** with a specialism in Accounting Technology
- **Bachelor in Banking and Finance (Hons)**
- **Bachelor in Banking and Finance (Hons)** with a specialism in Investment Analytics
- **Bachelor in Banking and Finance (Hons)** with a specialism in Financial Technology
- **Bachelor of Arts (Honours) in Business Management**
- **Bachelor of Arts (Honours) in Business Management** with a specialism in E-Business
- **Bachelor of Arts (Honours) in Business Management** with a specialism in Digital Leadership
- **Bachelor of Arts (Honours) in Business Management** with a specialism in AI & Business Analytics
- **Bachelor of Arts (Honours) in Business Management** with a specialism in Business Economics
- **Bachelor of Arts (Honours) in International Business Management**
- **Bachelor of Arts (Honours) in International Business Management** with a specialism in Supply Chain Management
- **Bachelor in Digital Marketing (Honours)**
- **Bachelor of Arts (Honours) in Human Resource Management**
- **Bachelor of Arts (Honours) in Human Resource Management** with a specialism in People Analytics







** For the full listing of our Diploma Programmes, please refer to the Pre-University programme brochure.*

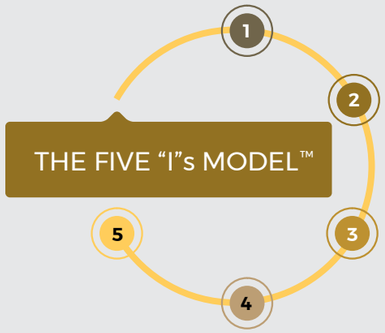
Accounting,
Banking, Finance
FinTech & Actuarial

- HIGHLY QUALIFIED ACADEMICIANS WITH INDUSTRY AND RESEARCH EXPERIENCE
- OPPORTUNITIES FOR PERSONAL DEVELOPMENT PLANNING
- INDUSTRY-READY GLOBAL GRADUATES
- ACADEMIC & PRACTICAL PROGRESSIONS FOR LIFELONG LEARNING
- PROFESSIONAL TEACHING & LEARNING ENVIRONMENT

THE AIMS OF THE APU ACCOUNTING, BANKING, FINANCE, FINANCIAL TECHNOLOGY & ACTUARIAL PROGRAMMES ARE TO:

Provide you with a rewarding yet challenging learning experience to enable you to be a high quality graduate with the knowledge, skills and understanding for an effective and valued career.

- Enable you to undertake employment in industry, commerce or public service as professionals by developing your capabilities in relation to innovation, integration of ideas and concepts, interactive development, information provision and imaginative approaches to processes and problem solving.
- Provide you with a Personal Development Planning opportunity in relation to enhancing your employability through increasing your independence, inventiveness, ingenuity and developing your all round intelligence in relation to solving problems, decision making, working with other people and communication skills.
- Facilitate your progression, both academic and practical, by means of developing knowledge, key skills and a capacity for independent and lifelong learning.
- Enable you to specialise in depth in areas corresponding to your ability and choice.



1: INNOVATION
through the design of curriculum, the module content and the learning approaches

2: INTEGRATION
through developing your capabilities to interrelate knowledge and to work in multidisciplinary teams

3: INFORMATION
through developing your knowledge and also your abilities to communicate effectively and persuasively

4: INTERACTIVITY
through the use of group work to develop your teamwork skills and through the use of technology to achieve interactivity of devices and people

5: IMAGINATION
in relation to new products, ideas, applications and solutions



Degree Programmes

ACCOUNTING, BANKING, FINANCE, FINANCIAL TECHNOLOGY & ACTUARIAL DEGREES STUDY PATHWAYS

LEVEL	PROGRAMMES
COMMON LEVEL 1*	• Bachelor of Accounting and Finance (Honours) • Bachelor of Accounting and Finance (Honours) *with a specialism in Forensic Accounting* • Bachelor of Accounting and Finance (Honours) *with a specialism in Forex & Investments* • Bachelor of Accounting and Finance (Honours) *with a specialism in Accounting Technology*
COMMON LEVEL 1*	• Bachelor in Banking & Finance (Hons) • Bachelor in Banking & Finance (Hons) *with a specialism in Investment Analytics* • Bachelor in Banking & Finance (Hons) *with a specialism in Financial Technology* • Bachelor of Financial Technology (Honours)
SPECIALISED LEVEL 1*	• Bachelor of Science (Honours) in Actuarial Studies • Bachelor of Science (Honours) in Actuarial Studies *with a specialism in Data Analytics* • Bachelor of Science (Honours) in Actuarial Studies *with a specialism in Financial Technology*

*Note: *Although Semester 1 at Level 1 is common for some programmes, students who are on scholarships or loans (e.g. PTPTN, MARA etc) are required to decide on their degree upon commencement and are not allowed to change to another programme unless approved by the Loan/Scholarship provider. International Students are required to re-apply for a new Student Pass (visa) should they decide to change the programme.*

INTERNSHIP / INDUSTRIAL TRAINING

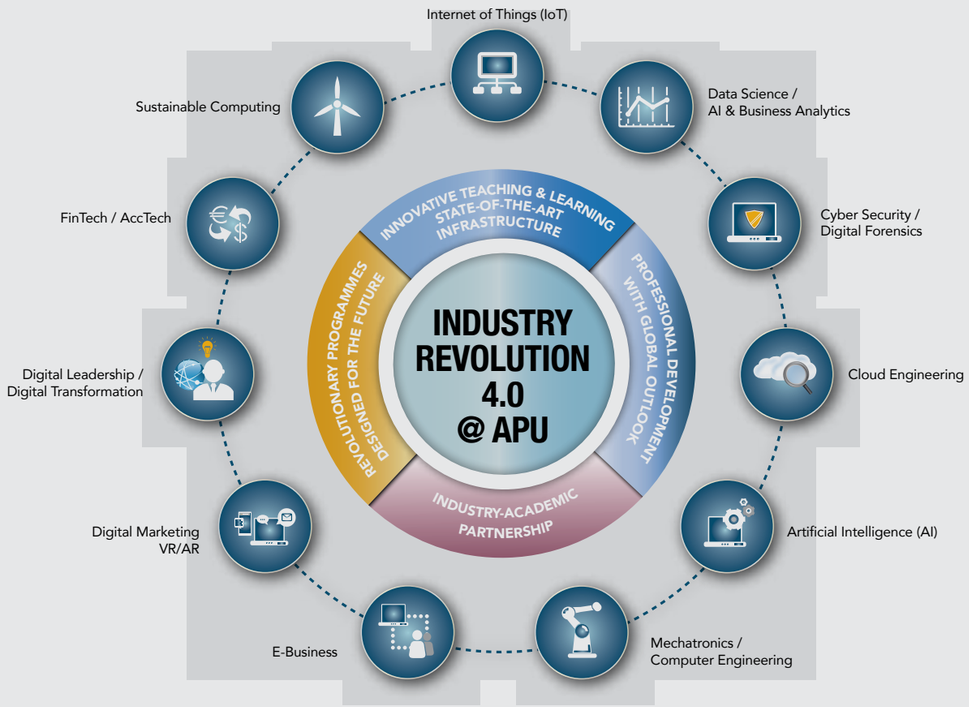
A well-structured internship or industrial training programme in collaboration with industry is incorporated into the curriculum. The main objective of the internship programme is to further enhance your employability. In many cases the same company at which you had internship/industrial training will offer you employment as soon as you graduate. In all cases you will gain an invaluable insight into the world of business and management practices and be better equipped to position yourself for the career you seek.

Embracing the wave of Industry Revolution 4.0

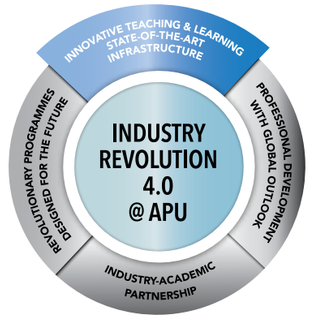
FUTURE-PROOFING THE WORKFORCE OF THE FUTURE

New waves of technological disruptions and the emergence of advanced technologies have resulted in the Fourth Industrial Revolution (Industry 4.0), where Robotics, Artificial Intelligence (AI), Machine Learning, Virtual Reality (VR), Cloud Engineering, Internet of Things (IoT), Data Science are going to transform the way businesses operate – routine, mundane jobs will be replaced and there is a growing need to develop "smarter" talents that can ride along the wave of digital transformation.

At APU, we developed our own IR 4.0 strategy to prepare our students to join the workforce of the future. We nurture the world's future innovators and uphold our Vision as a University of Technology and Innovation.

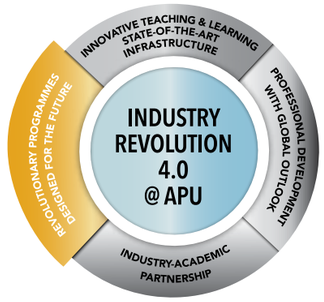


INDUSTRY REVOLUTION 4.0 @ APU



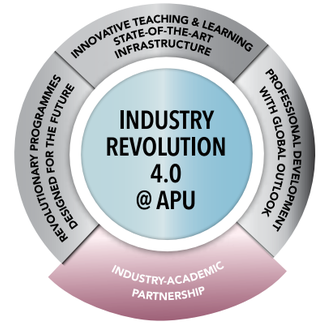
INNOVATIVE TEACHING & LEARNING STATE-OF-THE-ART INFRASTRUCTURE

In the era of Industry 4.0, learning is no longer confined within the classroom. Our iconic campus houses world-class facilities that aim to nurture Creativity & Innovation. Industrial-grade infrastructure are built to provide real-life exposure to our students, cultivating their practical skills aside from academic knowledge. We have also redesigned our teaching & learning methods to stimulate critical thinking, decision making, teamwork and build confidence.



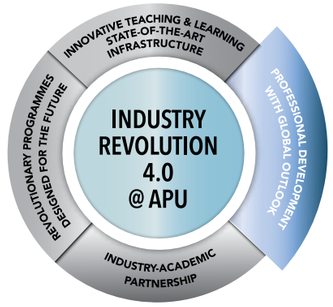
REVOLUTIONARY PROGRAMMES DESIGNED FOR THE FUTURE

New technologies mean new expertise, while this translates into a new need of talents in new areas. We address the needs of the industry, to help to build talents who can manage, operate and innovate under the new IR4.0 environment, by carefully designing new programmes of the future. Our programmes are first-of-its-kind, such as in Cyber Security, Data Science, Internet of Things (IoT), Artificial Intelligence (AI), Digital Leadership, Digital Transformation, Sustainable Computing, VR/AR, Financial Technology (FinTech), Accounting Technology (AccTech), Digital Marketing, E-Business, Mechatronic, Computer Engineering, Cloud Engineering and more.



INDUSTRY-ACADEMIC PARTNERSHIP

Industry 4.0 is all about the "industry". Our close relationship with our industry partners allows students to be exposed to real-life case studies, enabling them to formulate innovative solutions even before they graduate. Innovative accelerators such as GrowthX Academy and Supercharger create a platform for students to realize their world-changing ideas, inspiring them to build startups and develop world-changing solutions.



PROFESSIONAL DEVELOPMENT WITH GLOBAL OUTLOOK

Communication skills, professionalism and cultural sensitivity are 'people' element skills that cannot be replaced by machines and automation. Under our unique formula to nurture professionalism, we create an ecosystem that simulates the workplace on-campus. Global outlook, international understanding and respect are nurtured through continuous immersion in multicultural discourse, as our campus houses a community of students from over 130 countries.



AccTech: Technology-driven Accounting for a Brighter Future

As the business landscape continue to shift, the accounting profession too must be able to adapt. Accounting technology is revolutionising the field by replacing paper-driven processes with efficient cloud-based solutions, allowing for 24/7 access and greater flexibility.

Today, firms are using accounting technology and cloud-based platforms for automation, sophisticated diagnostics, and predictive analysis, resulting in improved client service and more effective utilisation of knowledge.

Our university's modules in accounting technology are designed to equip our students with the skills and knowledge to excel in today's fast-paced business environment, positioning them at the forefront of the industry with access to many benefits of accounting technology.

FUTURISTIC:
[ADVANCEMENTS]

Powered by
ACCTECH

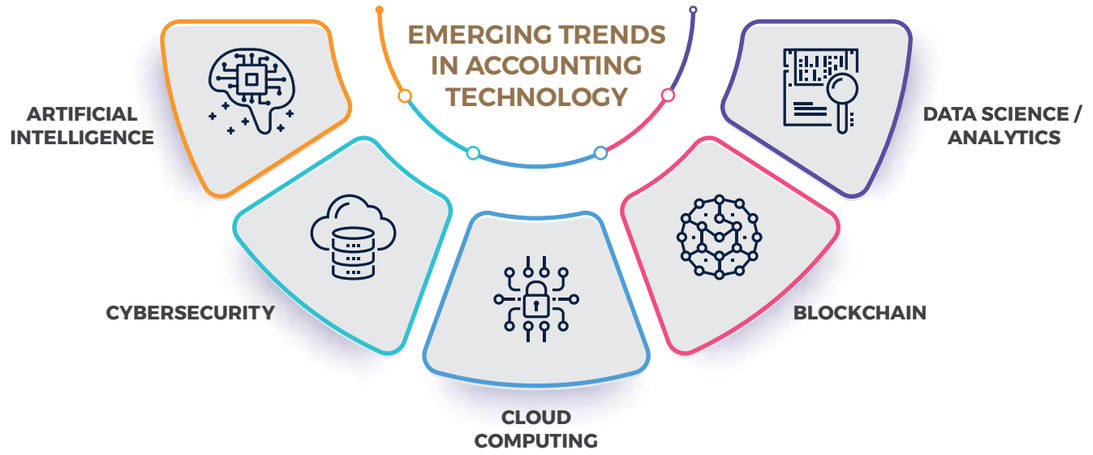
International Federation of Accountants (IFAC) President Rachel Grimes believes the application of technology allows accountants to focus on the more "interesting" parts of the job, as technology would assist with the more mundane tasks.

"I think the saying that accountants are not going to be around in the next few years because of technology is rubbish. In fact, I think technology has made the profession more exciting as it has helped remove some of the more repetitive tasks.

"For example, the application of robotics in terms of software for the accounts payable function when it comes to tasks like invoice matching, this relieves the workload for the accountant, who can then concentrate on more value-added tasks such as working with vendors on improving the payables process."

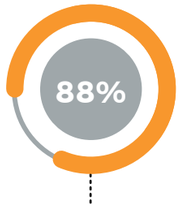
Malaysian Institute of Accountants' (MIA) inaugural AccTech Conference,
International Federation of Accountants (IFAC) - President Rachel Grimes

Source: https://www.theedgemarkets.com/article/technology-will-easenot-take-over-accounting-jobs-%E2%80%94-ifac

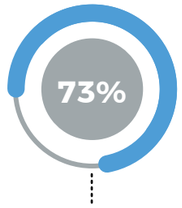


TECHNOLOGY TRENDS: THEIR IMPACT ON THE GLOBAL ACCOUNTANCY PROFESSION

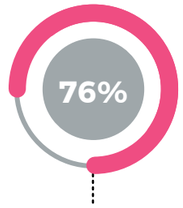
According to a global survey conducted by Oxford Economics and SAP, 88% of finance executives reported that CFOs in their organisations are becoming more involved in strategic decision-making outside of finance, and 73% of survey respondents agreed that automation is improving the finance function's efficiency within their organisation. This suggests that organisations are increasingly recognising the importance of utilising technology to improve the efficiency of accounting practices.



A majority of 88% of participants surveyed stated that CFOs are increasingly taking part in strategic decision-making beyond finance.



Automation to drive efficiency is an increasingly critical area for CFOs, with 73% of survey respondents reporting improved efficiency within their organisations.



Cybercrime is a top business risk for finance leaders, with 68% naming it as such in the survey and 76% for the banking industry specifically.

Source: https://mia.org.my/wp-content/uploads/2022/04/MIA_Technology_Blueprint_Spreads_format.pdf

UNLOCK YOUR POTENTIAL WITH ACCOUNTING TECHNOLOGY

Our university's Bachelor of Accounting and Finance (Honours) programme with a specialism in Accounting Technology is designed to give students a competitive edge in the industry by equipping them with the latest trends and technologies in accounting such as AI, blockchain, cloud computing, cybersecurity and data analytics.

Our programme not only covers basic concepts and theories, but also gives hands-on experience with tools such as R-programming, Tableau, Power BI, Blockchain Accounting and Robotic Process Automation (RPA). With our emphasis on technology and industry-ready resources, our graduates will be well-prepared to thrive in the field of accounting.

BACHELOR OF ACCOUNTING AND FINANCE (HONOURS) WITH A SPECIALISM IN ACCOUNTING TECHNOLOGY

- R-programming
- Tableau
- Power BI
- Blockchain Accounting
- Robotic Process Automation (RPA)

"Technology will go on to helping to burnish the profession's credentials as trusted adviser.... continue to adopt and implement emerging technologies or be left on the sidelines."

- Rachel Grimes, IFAC President

"More than a third of the desired core skills sets of most occupations will comprise skills that are yet considered crucial to the job today due to IR 4.0"

- World Economic Forum Report 2016



FinTech for the Future

Financial Technology (FinTech) is gaining momentum year-on-year and is creating a huge demand for professionals with specific FinTech skills. Traditional accounting and finance industry is getting digitally transformed. To cater to the skill gap in the Financial Services, a sound knowledge on technology application has become an essential part of the graduate skill.

Traditional financial institutions and FinTech start-ups are looking for more candidates who specialise in artificial intelligence, machine learning and data science. According to a report by Bloomberg reporting and data from LinkedIn[1], job listings requiring these skills in the financial industry increased nearly 60% in the past year. APU Accounting & Finance and Banking & Finance programmes are designed to cater to the increased demand for finance graduates with FinTech skills.

FUTURISTIC:
[ADVANCEMENTS]

Powered by
FINTECH

> " FinTech is massively popular. 96% of global consumers are aware of fintech-driven money transfer and payment services. 3 out of 4 consumers have used an alternative money transfer and payment service."
>
> **- EY Global FinTech Adoption Index**

Source: [1] https://www.bloomberg.com/news/articles/2019-08-20/finance-needs-people-who-work-well-with-robots

FINTECH FOR THE FUTURE

60%

60% of consumers want to transact business with financial institutions with a single platform, such as social media or mobile banking apps.
(Ernst & Young)

28%

"Global FinTech market investments have seen a 28% year-on-year rise from 2018 to 2019."
Tranglo

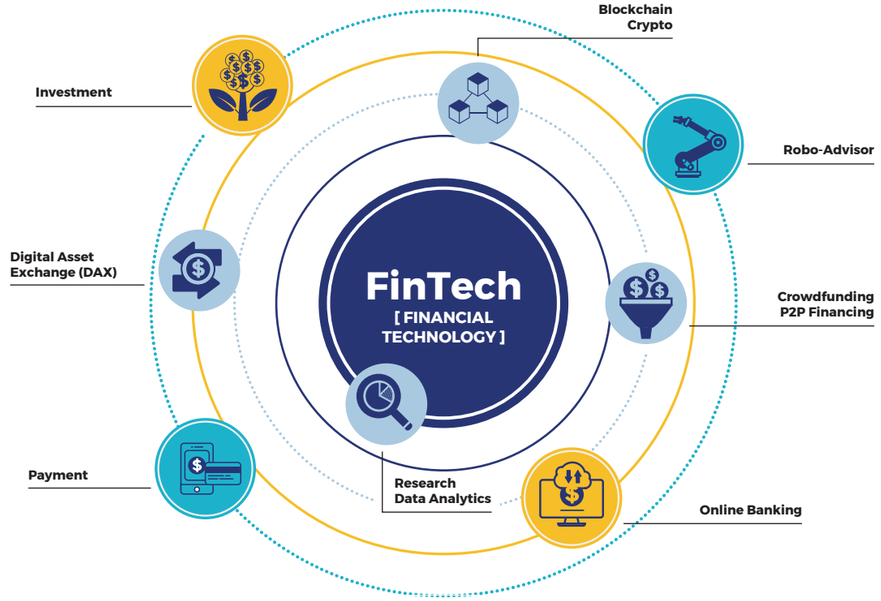
82%

In 2017, 88% of incumbent financial institutions feared that they would lose money to the disruptive innovation of FinTech companies, but 82% plan to partner with FinTech startups in the next 3-5 years. **(PwC)**

64%

In 2019, 64% of consumers worldwide have used one or more FinTech platforms, up from 33% in 2017.
(Ernst & Young)

> " Financial institutions are becoming more technology focused. We see it as the evolving intersection of financial services and technology. Looking forward, we expect FinTech disruptors to continue to expand into other areas within financial services."
>
> **- Pricewaterhouse Coopers (PwC)**



> " FinTech is changing businesses and customers rapidly. Those that embrace FinTech will stay at the forefront of their markets; those that don't will lose out on opportunities, customers, and market share."
>
> **- Bernard Marr, Forbes**

FINTECH FOR ALL- SHAPING FINTECH ECOSYSTEM IN MALAYSIA

Programme	Bachelor in Banking and Finance (Hons) with a specialism in Financial Technology	Bachelor of Financial Technology (Honours)	Bachelor of Science (Honours) in Information Technology with a specialism in Financial Technology (FinTech)	Bachelor of Science (Honours) in Actuarial Studies with a specialism in Financial Technology
Self-Check Questions	• Are you considering a career in the banking and finance sector? • Are you ready to enhance your skills as a banker in today's digital age? • Are you interested in integrating banking expertise with technological innovation?	• Are you seeking to build a career in the rapidly evolving FinTech industry? • Do you aspire to unleash your creativity in addressing financial issues in rapidly digitalized financial markets? • Are you passionate about transforming ideas into innovative financial products or solutions? • Are you driven to innovate within the financial sector and grow your entrepreneurial ability?	• Are you interested in pursuing a career in a bank's IT/CISO department? • Do you have a passion for financial innovation and a desire to develop fintech applications? • Do you envision yourself creating innovative financial software solutions and building the IT infrastructure?	• Do you aspire to stay ahead in the actuarial field by mastering the intersection of FinTech and data science? • Are you looking to expand your data analytics skills to incorporate the latest FinTech advancements? • Are you eager to apply your actuarial expertise to develop cutting-edge financial models for the FinTech sector?
FInTech Ecosystem	FinTech Operation Support and Marketing	FinTech Product and Strategies FinTech Visionary leader	FinTech Solutions and Infrastructure	FinTech Modelling and Analytics
FinTech modules	• Financial Technology • Python for Financial Applilcations • Digital Currencies and Blockchain Technologies • Crowdfunding and Alternative Lending • Applications of AI in Finance • Enterpreneurial Finance • Robo Advisor • Fintech Risk management and Regulations	• Intro of Artificial Intelligence • Financial Technology • Python for Financial Applilcations • Digital Currencies and Blockchain Technologies • Applications of AI in Finance • Human Computer Interaction • Cloud Infrastructure and Services • Big Data and Visual Analytical in Accounting & Finance • Cybersecurity • Fintech Risk Management and Regulations	• Network Security • Financial Technology • Financial Management • Distributed Computer Systems • Blockchain Development • Emergent Technology • Fintech Risk Management and Regulations	• Financial Technology • Python for Financial Applilcations • Applications of AI in Finance • Fintech Risk Management and Regulations
Main Career Pathways	• FinTech Marketing Consultant • FinTech Product Manager • FinTech Compliance officer • Customer Service FinTech	• FinTech Specialist • FinTech Product Developer • FinTech Entrepreneur • FinTech Product Analyst • FinTech Consultants	• FinTech Systems Analyst • IT and FinTech Consultant • FinTech Infrastructure Administrator • FinTech System Developer • FinTech Project Manager	• FinTech Analyst • Data Analyst • FinTech Risk Manager



Professional Recognition of APU Degree Programmes

As part of our professional recognition and collaboration with the following bodies, students who opt for professional certifications will benefit from our fast-track professional certification schemes below:

***APU ACCA Accelerate Scheme**
Students would be able to start the ACCA studies at the Professional level during their studies in Level 2.

****CPA Australia Fast Track Scheme**
Currently, students who graduate from Bachelor of Accounting & Finance programmes are entitled to the full-6-paper exemptions from CPA Foundation Programme. Under this scheme, students have the option to complete the Ethics and Governance module at the Professional level simultaneously with their degree programme, and complete the remaining 5 CPA papers after completing their degree in Accounting & Finance.

ACTUARIAL STUDIES PROGRAMME

Institute and Faculty of Actuaries

APU is one of the first universities to receive Full IFoA Accreditation with (maximum) exemptions from CS1, CS2, CM1, CM2, CB1 & CB2 in the new IFoA curriculum.

For more information, please visit:
https://www.actuaries.org.uk/studying/exam-exemptions/university-courses-exemptions/asia-pacific-university-malaysia

SOCIETY OF ACTUARIES

APU is the first and the only Malaysian university that has all the six preliminary exams (P, FM, IFM, LTAM, STAM & SRM) and all the three VEE topics listed in its SOA UCAP profile.

For more information, please visit:
https://www.soa.org/institutions/Asia-Pacific-University-of-Technology-Innovation.aspx

Casualty Actuarial Society

APU is also recognised by the Casualty Actuarial Society at the Silver Level of the CAS University Recognition Program. Our Bachelor of Science (Honours) in Actuarial Studies will not only prepare students for Exam 1, Exam 2, Exam MAS-I, Exam MAS-II and Exam 5 in the new CAS curriculum but also effectively prepare them for careers in the general insurance industry. With this achievement, APU joins a distinguished list of internationally recognised universities with exceptional actuarial studies programmes.

For more information, please visit:
https://www.casact.org/university-programs/cas-university-recognition-list

PROFESSIONAL RECOGNITION OF APU DEGREE PROGRAMMES

ACCOUNTING & FINANCE PROGRAMMES

APU has been leading the way for its graduates in Professional recognition and exemptions in the areas of Accounting, Finance and Actuarial Studies. These are valuable not only for moving your career as a full-time professional forward but also for expanding your skills and expertise to become a more well-rounded employee. These recognitions help you become a more desirable job candidate or employee, one who can command a higher salary.

Upon completion of our Bachelor of Accounting and Finance (Honours) programmes, students are entitled to a maximum 9-paper exemption at the Fundamental level, out of the total 13 papers in Professional Accountancy qualification. ACCA does not provide exemptions at the Professional Level. However, as part of the collaborative efforts between APU and ACCA, students may also opt to go for the ACCA Accelerate Scheme*.

Upon completion of our Bachelor of Accounting and Finance (Honours) programmes, students are entitled to an 8-paper exemption out of 15 papers from ICAEW - Institute of Chartered Accountants in England and Wales.

Upon completion of our Bachelor of Accounting and Finance (Honours) programmes, Upon successful completion of the Bachelor of Accounting and Finance (Honours), students are eligible to start at Management Level through the CGMA® FLP programme. The programme is available for APU's Accounting and Finance students and is a new guided learning and assessment route to completing the CIMA professional qualification and earning the CGMA designation.

Upon completion of our Bachelor of Accounting and Finance (Honours) programmes, students are entitled to a 6-paper exemption out of 12 papers from CPA Australia. Under the CPA Australia Fast Track Scheme**, students may have the option to attain the CPA professional qualification, as part of the collaborative efforts between APU and CPA.

Upon successful completion of the Bachelor of Accounting and Finance (Honours), students are granted exemptions for the MICPA Professional Stage Examination in the following papers: Business & Company Law, Business Strategy & Financial Management, and Financial Reporting.

Students who are undergoing Bachelor of Accounting and Finance (Honours) are entitled to a 5-paper exemption out of 8 papers from CTIM.

BANKING & FINANCE PROGRAMMES

AICB collaborates with APU in sharing of leading practices, knowledge and expertise in banking trends and developments through industry surveys, publications and thought leadership initiatives.

APU is a member of the Chartered Financial Analyst (CFA) Institute University Affiliation Program. This indicates that at least 70% of CFA Program Candidate Body of Knowledge (CBOK) is embedded in our curriculum, and students who have completed our Bachelor in Banking and Finance (Hons) programmes are prepared to undertake the exams leading to the Chartered Financial Analyst® (CFA®) designation, which is the most respected and recognized investment credential in the world. In addition, APU is also eligible to receive a limited number of student scholarships for the CFA Program every year.

APU's selection as the CMT Association's Academic Partner Program signifies APU's strong commitment to students' career readiness and applied learning. Institutions in the CMT's Academic Partner Program demonstrate academic rigor in financial courses ranging from quantitative methodologies to behavioral finance, as well as portfolio management and other key aspects of technical analysis.

With this partnership, the two institutions illustrate an innovative solution to the growing demand for student education and career preparedness, while advocating for the advancement of technical analysis.

All the graduates of Banking and Finance are eligible to be affiliate members of CISI at a discounted price. Affiliate members of CISI will enjoy a suite of benefits, encompassing networking opportunities, continuous professional development, access to resources, and a commitment to ethical standards and professional excellence.

LSEG Financial Database

LSEG was previously known as Refinitiv and Thompson Reuters. Students can get access to real-time financial data via LSEG for analytics and research on par with the financial practitioners.

Note: All exemptions are reviewed by professional bodies from time to time when required.



Accounting & Finance Programmes

Accounting and Finance

Bachelor of Accounting and Finance (Honours) is an excellent springboard from which to launch a professional career in accountancy or to pursue further study. It is well-established and is designed to provide a thorough understanding of the principles and practice of accounting and related subjects. The award covers an in-depth knowledge of the core areas for those intending to move into the Accounting profession as well as those specialised areas such as accounting technology, forensic and investment.

All Accounting & Finance Programmes are accredited by:



Bachelor of **ACCOUNTING AND FINANCE (HONOURS)**

(R3/0411/6/0011)(07/30)(A6227)

Duration:
3 years full-time

This programme is specifically designed to provide students with:

- The necessary skills, key competencies and required knowledge for today's fast moving business world.
- Maximum exemptions from the professional bodies.
- Competency not only in preparing and analysing financial reports but also to successfully guide and lead their organisations.
- Emerging technologies on accounting & finance knowledge and soft skills will be embedded in the programme as early as Level 1.

Career options

- Cost Accountant
- Management Accountant
- Financial Accountant
- Finance Executive
- Accounting Administrator
- Accounts Manager
- Budget Analyst
- Financial Analyst
- Chief Financial Officer
- Financial Manager
- RPA Manager
- Auditor
- Credit Analyst
- Business Analyst
- Management Consultant
- Tax Accountant
- Internal Auditor
- Risk Manager

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ACCTECH

At a glance

LEVEL 1

Students will learn fundamental skills required by every accounting and finance professional, and the basic understanding of the legal, business and social environment in which accounting operates. They will familiarise themselves with business processes through the accounting software and the world leading enterprise resource planning software, SAP. Students will have the hands-on training with the system.

LEVEL 2

A broader range of skills will be learnt, in which students will gain a better understanding areas of Accounting and Finance, such as Management Accounting, Taxation, Financial Management, Advanced Corporate Reporting, Forensic Accounting, Investment and Portfolio Analysis, Financial Planning, etc.

INTERNSHIP

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

LEVEL 3

Sustainability is a multi-dimensional perspective on finance and accounting. To expand the application of technologies and problem solving skills after students return from their internship, modules such as Robo Auditing & Analytics will be exposed to students by having hands-on training with the Robotics Process Automation (RPA) software. Students will expose to the effects of a decision or activity on the environment, society, and governance (ESG) modules such as Strategy, Sustainability and Leadership and Emerging Accounting Technologies and Analytics. A final year project requires them to explore a topic individually – they will demonstrate their academic and practical aspects of their ability in the chosen area of study.

Module outline

LEVEL 1

Common Modules
- Quantitative Skills
- Introduction to Management
- Business and Communication Skills
- Financial Accounting 1
- Accounting Information System
- Business Economics
- Financial Accounting 2
- SAP ERP System in Accounting
- Business Law
- Marketing
- Financial System

LEVEL 2

Common Modules
- Advanced Financial Accounting & Reporting
- Taxation
- Management Accounting
- Auditing and Assurance
- Investment and Portfolio Analysis
- Financial Management
- Corporate Governance and Risk Management
- Advanced Corporate Reporting
- Financial Planning
- Company Law
- Performance Management

Specialised Modules
- Forensic Accounting

INTERNSHIP (16 weeks)

LEVEL 3

Common Modules
- Advanced Auditing
- Research Methodology in Accounting and Finance
- Corporate Finance
- Advanced Taxation
- Strategy, Sustainability & Leadership
- Advanced Performance Management
- Global Banking & Finance
- Emerging Accounting Technologies and Analytics
- Specialised Accounting
- Accounting & Finance Research Project

Specialised Modules
- Accounting Theory and Emerging Issues
- Public Sector Accounting
- Robo Auditing & Analytics

MQA Compulsory Subjects*
- Appreciation of Ethics and Civilisation (M'sian Students)
- Malay Communication Language (Int'l Students)
- Philosophy and Current Issues
- Workplace Professional Skills
- Integrity and Anti-corruption
- Co-Curriculum

(*All students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency)

All Accounting & Finance Programmes are accredited by:

ACCREDITED PROGRAMME · CPA AUSTRALIA ACCREDITED PROGRAM · ICAEW · AICPA & CIMA · MICPA MALAYSIA

For details and full accredition list, please refer to page 38



Bachelor of **ACCOUNTING AND FINANCE (HONOURS)** WITH A SPECIALISM IN FORENSIC ACCOUNTING

(R3/0411/6/0011)(07/30)(A6227)

Duration:
3 years full-time

This programme is specifically designed to provide students with:

- Knowledge & skills in identifying investigating, and examining evidence, including the processes of how to identify financial statement misrepresentation, transaction reconstruction, tax evasion and other improper accounting activities.
- The necessary skills, key competencies and required knowledge for today's fast moving business world.
- Maximum exemptions from the professional bodies.
- Competency not only in preparing and analysing financial reports but also to successfully guide and lead their organisations.
- Emerging technologies on accounting & finance knowledge and soft skills will be embedded in the programme as early as Level 1.

Career options

- Forensic Accountant
- Fraud Investigator
- Audit Consultant
- Forensic Advisor
- Forensic Analyst
- Investigative Accountant
- Accounts Manager
- Business Analyst
- Management Consultant
- Internal Auditor
- Risk Manager

Powered by

ACCTECH

Note: The specialism will appear only in the academic transcript.

At a glance

LEVEL 1

Students will learn fundamental skills required by every accounting and finance professional, and the basic understanding of the legal, business and social environment in which accounting operates. They will familiarise themselves with business processes through the accounting software and the world leading enterprise resource planning software, SAP. Students will have the hands-on training with the system.

LEVEL 2

A broader range of skills will be learnt, in which students will gain a better understanding areas of Accounting and Finance, such as Management Accounting, Taxation, Financial Management, Advanced Corporate Reporting, Forensic Accounting, Investment and Portfolio Analysis, Financial Planning, etc.

INTERNSHIP

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

LEVEL 3

Students will make use of their previous studies and industrial experience to learn about the detailed study of audit, examination and investigation issues from a financial perspective, with aims to groom them as a leader in forensic accounting. They will also expand their knowledge in the forensic accounting world by learning to find areas for potential concern. This area of understanding will be supported by Fraud Investigation Techniques, Digital Forensic Analysis and Criminology. To expand the problem-solving skills after students, return from their internship. Students will also expose to the effects of a decision or activity on the environment, society, and governance (ESG) modules and a final year project to demonstrate their ability in the chosen area of study.

Module outline

LEVEL 1

Common Modules
- Quantitative Skills
- Introduction to Management
- Business and Communication Skills
- Financial Accounting 1
- Accounting Information System
- Business Economics
- Financial Accounting 2
- SAP ERP System in Accounting
- Business Law
- Marketing
- Financial System

LEVEL 2

Common Modules
- Advanced Financial Accounting & Reporting
- Taxation
- Management Accounting
- Auditing and Assurance
- Investment and Portfolio Analysis
- Financial Management
- Corporate Governance and Risk Management
- Advanced Corporate Reporting
- Financial Planning
- Company Law
- Performance Management

Specialised Modules
- Forensic Accounting

INTERNSHIP (16 weeks)

LEVEL 3

Common Modules
- Advanced Auditing
- Research Methodology in Accounting and Finance
- Corporate Finance
- Advanced Taxation
- Strategy, Sustainability & Leadership
- Advanced Performance Management
- Global Banking & Finance
- Emerging Accounting Technologies and Analytics
- Specialised Accounting
- Accounting & Finance Research Project

Specialised Modules
- Fraud Investigation Techniques
- Digital Forensic Analysis
- Criminology

MQA Compulsory Subjects*
- Appreciation of Ethics and Civilisation (M'sian Students)
- Malay Communication Language (Int'l Students)
- Philosophy and Current Issues
- Workplace Professional Skills
- Integrity and Anti-corruption
- Co-Curriculum

(*All students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency)

All Accounting & Finance Programmes are accredited by:

ACCREDITED PROGRAMME · CPA AUSTRALIA ACCREDITED PROGRAM · ICAEW · AICPA & CIMA · MICPA MALAYSIA

For details and full accredition list, please refer to page 38.



Bachelor of **ACCOUNTING AND FINANCE (HONOURS)** WITH A SPECIALISM IN FOREX AND INVESTMENTS

(R3/0411/6/0011)(07/30)(A6227)

Duration:
3 years full-time

This programme is specifically designed to provide students with:

- Ability to analyse, assess, and trade foreign currency in the FOREX market and at the same time develop a quality, personalised trading methodology that best fit a style of trading to their personality, life style, and risk tolerance.
- The necessary skills, key competencies and required knowledge for today's fast moving business world.
- Competency not only in preparing and analysing financial reports but also to successfully guide and lead their organisations.
- Emerging technologies on accounting & finance knowledge and soft skills will be embedded in the programme as early as Level 1.

Career options

- Financial Analyst
- Investment Advisor
- Financial Planner
- Stockbrokers
- Financial Consultants
- Forex Market Analyst
- Currency Strategist
- Exchange Operations Manager
- Regulator
- Portfolio Manager
- Business Analyst
- Risk Manager

Powered by

ACCTECH

Note: The specialism will appear only in the academic transcript.

At a glance

LEVEL 1

Students will learn fundamental skills required by every accounting and finance professional, and the basic understanding of the legal, business and social environment in which accounting operates. They will familiarise themselves with business processes through the accounting software and the world leading enterprise resource planning software, SAP. Students will have the hands-on training with the system.

LEVEL 2

A broader range of skills will be learnt, in which students will gain a better understanding areas of Accounting and Finance, such as Management Accounting, Taxation, Financial Management, Advanced Corporate Reporting, Forensic Accounting, Investment and Portfolio Analysis, Financial Planning, etc.

INTERNSHIP

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

LEVEL 3

Students will make use of their previous studies and industrial experience to learn about the practical aspect of trading techniques in investment, with aims to groom them as a leader in this area of study. They will also expand their knowledge in investment world by learning to harness the power of the investment through risk management. To expand the problem-solving skills after students, return from their internship. Students will also expose to the effects of a decision or activity on the environment, society, and governance (ESG) modules and a final year project to demonstrate their ability in the chosen area of study.

Module outline

LEVEL 1

Common Modules
- Quantitative Skills
- Introduction to Management
- Business and Communication Skills
- Financial Accounting 1
- Accounting Information System
- Business Economics
- Financial Accounting 2
- SAP ERP System in Accounting
- Business Law
- Marketing
- Financial System

LEVEL 2

Common Modules
- Advanced Financial Accounting & Reporting
- Taxation
- Management Accounting
- Auditing and Assurance
- Investment and Portfolio Analysis
- Financial Management
- Corporate Governance and Risk Management
- Advanced Corporate Reporting
- Financial Planning
- Company Law
- Performance Management

Specialised Modules
- Regulatory Policy for Investment Markets

INTERNSHIP (16 weeks)

LEVEL 3

Common Modules
- Advanced Auditing
- Research Methodology in Accounting and Finance
- Corporate Finance
- Advanced Taxation
- Strategy, Sustainability & Leadership
- Advanced Performance Management
- Global Banking & Finance
- Emerging Accounting Technologies and Analytics
- Specialised Accounting
- Accounting & Finance Research Project

Specialised Modules
- Technical Analysis and Trading
- Trading: Money and Capital Markets
- Foreign Exchange Trading in Practice

MQA Compulsory Subjects*
- Appreciation of Ethics and Civilisation (M'sian Students)
- Malay Communication Language (Int'l Students)
- Philosophy and Current Issues
- Workplace Professional Skills
- Integrity and Anti-corruption
- Co-Curriculum

(*All students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency)

All Accounting & Finance Programmes are accredited by:

ACCREDITED PROGRAMME · ACCA · CPA AUSTRALIA · ACCREDITED PROGRAM · ICAEW · AICPA & CIMA · MICPA MALAYSIA

For details and full accredition list, please refer to page 38.



Bachelor of **ACCOUNTING AND FINANCE (HONOURS)** WITH A SPECIALISM IN ACCOUNTING TECHNOLOGY

(R3/0411/6/0011)(07/30)(A6227)

Duration:
3 years full-time

This programme is specifically designed to provide students with:

- Knowledge and skills in the application of technologies and data analytics that relevant to accounting and finance for today's fast moving business world.
- Maximum exemptions from the professional bodies.
- Competency not only in preparing and analysing financial reports but also to successfully guide and lead their organisations.
- Emerging technologies on accounting & finance knowledge and soft skills will be embedded in the programme as early as Level 1.

Career options

- RPA Manager
- Data Analyst
- Business Analyst
- System Analyst
- Accounting Analytics Analyst
- IT Auditor
- Budget Analyst
- Credit Analyst
- Treasury Analyst

Powered by

ACCTECH

Note: The specialism will appear only in the academic transcript.

At a glance

LEVEL 1

Students will learn fundamental skills required by every accounting and finance professional, and the basic understanding of the legal, business and social environment in which accounting operates. They will familiarise themselves with business processes through the accounting software and the world leading enterprise resource planning software, SAP. Students will have the hands-on training with the system.

LEVEL 2

A broader range of skills will be learnt, in which students will gain a better understanding areas of Accounting and Finance, such as Management Accounting, Taxation, Financial Management, Advanced Corporate Reporting, Forensic Accounting, Investment and Portfolio Analysis, Financial Planning, etc.

INTERNSHIP

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

LEVEL 3

Students will expand their knowledge in the application of technologies and data analytics in accounting and finance. This area of application of accounting technologies will be supported by Big Data and Visual Analytics in Accounting and Finance, Cybersecurity and Robo Auditing and Analytics through hands-on trainings. To expand the problem-solving skills, students will expose to the effects of a decision or activity on the environment, society, and governance (ESG) modules such as Strategy, Sustainability and Leadership. A final year project requires them to explore a topic individually – they will demonstrate their academic and practical aspects of their ability in the chosen area of study.

Module outline

LEVEL 1

Common Modules
- Quantitative Skills
- Introduction to Management
- Business and Communication Skills
- Financial Accounting 1
- Accounting Information System
- Business Economics
- Financial Accounting 2
- SAP ERP System in Accounting
- Business Law
- Marketing
- Financial System

LEVEL 2

Common Modules
- Advanced Financial Accounting & Reporting
- Taxation
- Management Accounting
- Auditing and Assurance
- Investment and Portfolio Analysis
- Financial Management
- Corporate Governance and Risk Management
- Advanced Corporate Reporting
- Financial Planning
- Company Law
- Performance Management

Specialised Modules
- Application of AI in Finance

INTERNSHIP (16 weeks)

LEVEL 3

Common Modules
- Advanced Auditing
- Research Methodology in Accounting and Finance
- Corporate Finance
- Advanced Taxation
- Strategy, Sustainability & Leadership
- Advanced Performance Management
- Global Banking & Finance
- Emerging Accounting Technologies and Analytics
- Specialised Accounting
- Accounting & Finance Research Project

Specialised Modules
- Big Data and Visual Analytical in Accounting & Finance
- Cybersecurity
- Robo Auditing & Analytics

MQA Compulsory Subjects*
- Appreciation of Ethics and Civilisation (M'sian Students)
- Malay Communication Language (Int'l Students)
- Philosophy and Current Issues
- Workplace Professional Skills
- Integrity and Anti-corruption
- Co-Curriculum

(*All students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency)

All Accounting & Finance Programmes are accredited by:

ACCREDITED PROGRAMME · ACCA · CPA AUSTRALIA · ACCREDITED PROGRAM · ICAEW · AICPA & CIMA · MICPA MALAYSIA

For details and full accredition list, please refer to page 38.



Banking & Finance Programmes

Our **Bachelor in Banking and Finance (Hons)** is an ideal and outstanding programme for those who wish to engage in financial services industry or government sectors, particularly in banking and central banking. Students on the course also have the flexibility of developing and building their specialised knowledge in areas such as in Financial Planning as well as Investment & Risk Management.

There is high global demand for well-trained Banking & Finance individuals in banking, finance, education, as well as government sectors. Career options may include:

- Banker
- Investment Banker
- Trader
- Finance Director
- Finance Officer
- Personal Financial Advisor
- Credit Officer
- Underwriter
- Financial Analyst
- Portfolio Investment Manager
- Investment and Wealth Manager
- Risk Manager

Finance is always at the heart of commerce that no one could get rid of. However, the advent of financial technology has disrupted the delivery of financial services. In order to remain competitive in digital banking sphere, banks have started to employ more staffing resources in the digitisation initiatives. Thus, our Bachelor in Banking and Finance (Hons) with a specialism in Financial Technology (one of the first industry-driven FinTech curriculum in Malaysia) will prepare the graduates to meet the needs of a rapidly disrupted Financial Services industry in Malaysia and internationally with the ability to develop innovative ideas and to employ state-of-the art technologies.

APU is the first University in Malaysia to sign MOA with FAOM to jointly develop future talents to embrace FinTech. FAOM also advises APU in the FinTech curriculum development to align with the industry requirement.

Empowered by Industry Collaboration:

FAOM
FINTECH ASSOCIATION OF MALAYSIA



Duration:
3 years full-time

This programme is specifically designed to provide students with:

- Knowledge and skills in handling financial products, product development and working within the rapidly changing Global Banking and Finance Industry.
- Opportunities to develop into highly competent managers, who are well qualified not only in Banking and Finance but also other professional areas required for successful business administration and management.
- A background of banking and finance concepts, as well as knowledge and skills that allow for practical application in the modern-day workplace.
- FinTech knowledge and technical skill relevant to Banking and Finance.

Career options

- Stock Broker
- Banker
- Investment Banker
- Trader
- Finance Director
- Finance Officer
- Underwriter
- Personal Finance Advisor
- Loan and Credit Officer
- Bank Manager
- Branch Manager
- Banking Specialist
- Relationship Manager

Powered by
FINTECH

Empowered by Industry Collaboration:

FAOM
FINTECH ASSOCIATION OF MALAYSIA

Professional Recognition:

AICB
CFA Institute University Affiliation Program
CISI
LSEG

For details and full accredition list, please refer to page 38.

Bachelor in **BANKING AND FINANCE (HONS)**

DUAL DEGREE

(R2/0412/6/0005)(07/27)(MQA/FA1328)

At a glance

LEVEL 1

Students will learn fundamental skills required by every banking and finance professional, and the basic understanding of business management and finance. We will also expose them towards business & communication skills, accounting skills and management skills.

LEVEL 2

A broader range of skills will be learnt, in which students will gain a better understanding of banking instruments, procedures, credit management as well as the overall financial system environment. In addition, they will be introduced to the tool and test for various financial markets through Econometric software. Besides, students will also be introduced to hands on training on the underlying technologies enabling FinTech solutions such as Python programming and R-programming.

INTERNSHIP

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

LEVEL 3

Students will make use of their previous studies and industrial experience to learn about the practical aspect of banking practices and theories as well as the development of international banking and investment theories in global banking practices, with aims to groom them as a leader in banking & finance industry. A final year project requires them to explore a topic individually - they will demonstrate their academic and practical aspects of their ability in the chosen area of study.

Module outline

LEVEL 1

Common Modules
- Quantitative Skills
- Introduction to Management
- Business and Communication Skills
- Financial Accounting 1
- Business Economics
- Financial System
- Financial Accounting 2
- Essential of Banking & Finance
- Business Law
- Marketing

LEVEL 2

Common Modules
- Financial Statement Analysis
- Financial Technology
- Banking Instruments & Procedures
- Python for Financial Applications
- Financial Planning
- Financial Econometrics
- Business Research Methods
- Financial Management
- Law of Banking & Finance
- Applications of AI in Finance

Specialised Modules
- Islamic Banking and Finance
- Credit Management

INTERNSHIP (16 weeks)

LEVEL 3

Common Modules
- Risk Management in Banking and Finance
- Financial Derivatives
- Corporate Finance
- Global Banking and Finance
- Investigations in Banking and Finance
- Ethics in Finance
- Final Year Project

Specialised Modules
- Treasury Management
- Wealth Management
- Entrepreneurial Finance
- Digital Banking

MQA Compulsory Subjects*
- Appreciation of Ethics and Civilisation (M'sian Students)
- Malay Communication Language (Int'l Students)
- Philosophy and Current Issues
- Workplace Professional Skills
- Integrity and Anti-corruption
- Co-Curriculum

(*All students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency)



Bachelor in **BANKING AND FINANCE (HONS)** WITH A SPECIALISM IN INVESTMENT ANALYTICS

(R2/0412/6/0005)(07/27)(MQA/FA1328)

Duration:
3 years full-time

This programme is specifically designed to provide students with:

- Knowledge and skills in handling financial products, product development and working within the rapidly changing Global Banking and Finance Industry.
- Opportunities to develop into highly competent managers, who are well qualified not only in Banking and Finance but also other professional areas required for successful business administration and management.
- Knowledge and understanding of the core elements of investment, financial analysis, and risk management that underpin sound decision-making.
- FinTech knowledge and technical skill relevant to Banking and Finance.

Career options
- Planning and Budgeting Consultant
- Portfolio Manager
- Investment Executive
- Risk Manager
- Investment and Wealth Manager
- Insurance Manager
- Risk Analyst
- Compliance Manager
- Portfolio Risk Advisor

Powered by FINTECH

Note: The specialism will appear only in the academic transcript.

At a glance

LEVEL 1

Students will learn fundamental skills required by every banking and finance professional, and the basic understanding of business management and finance. We will also expose them towards business & communication skills, accounting skills and management skills.

LEVEL 2

A broader range of skills will be learned, in which the students will gain a better understanding of investment analysis and management of investment risks. In addition, they will be introduced to the tool and test for various financial markets through Econometric software and trading platform. Besides, students will also be introduced to the hands-on training on the underlying technologies enabling FinTech solutions such as Python programming and R-programming.

INTERNSHIP

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

LEVEL 3

Students will make use of their previous studies and industrial experience to learn about the practical aspect of risk management practices and theories as well as the globalisation of banking and finance in Global Banking and Finance. Concept and empirical applications of Technical Analysis & Trading will also be a target to groom them as a leader in investment and risk management. A final-year project requires them to explore a topic individually – they will demonstrate their academic and practical aspects of their ability in the chosen area of study.

Module outline

LEVEL 1

Common Modules
- Quantitative Skills
- Introduction to Management
- Business and Communication Skills
- Financial Accounting 1
- Business Economics
- Financial System
- Financial Accounting 2
- Essentials of Banking & Finance
- Business Law
- Marketing

LEVEL 2

Common Modules
- Financial Management
- Financial Statement Analysis
- Banking Instruments & Procedures
- Financial Technology
- Python for Financial Applications
- Financial Planning
- Financial Econometrics
- Business Research Methods
- Applications of AI in Finance
- Law of Banking & Finance

Specialised Modules
- Economics of Finance
- Fixed Income Analysis

INTERNSHIP (16 weeks)

LEVEL 3

Common Modules
- Risk Management in Banking and Finance
- Financial Derivatives
- Corporate Finance
- Global Banking and Finance
- Investigations in Banking and Finance
- Ethics in Finance
- Final Year Project

Specialised Modules
- Technical Analysis and Trading
- Equity Investment
- Robo Advisor
- Portfolio Management

MQA Compulsory Subjects*
- Appreciation of Ethics and Civilisation (M'sian Students)
- Malay Communication Language (Int'l Students)
- Philosophy and Current Issues
- Workplace Professional Skills
- Integrity and Anti-corruption
- Co-Curriculum

(*All students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency)

Empowered by Industry Collaboration: FAOM FINTECH ASSOCIATION OF MALAYSIA

Professional Recognition: AICB, CFA Institute University Affiliation Program, CMA Association of Academic Partners, CISI, LSEG

For details and full accredition list, please refer to page 38.



Bachelor in **BANKING AND FINANCE (HONS)** WITH A SPECIALISM IN FINANCIAL TECHNOLOGY

(R2/0412/6/0005)(07/27)(MQA/FA1328)

Duration:
3 years full-time

This programme is specifically designed to provide students with:

- Knowledge and skills in handling financial products, product development and working within the rapidly changing Global Banking and Finance Industry.
- Opportunities to develop into highly competent managers, who are well qualified not only in Banking and Finance but also other professional areas required for successful business administration and management.
- Basic technical competency and professionalism on the technology that will transform the delivery of financial services.
- FinTech knowledge and technical skill relevant to Banking and Finance.

Career options
- Entrepreneur
- FinTech Specialist
- Banking Specialist
- Payment System Specialist
- Data Analyst
- Financial Analyst
- Product Developer
- Compliance Expert
- FinTech Quantitative Developer
- Strategy Analyst
- Business Development Associate
- Data Scientist (Finserv)

Powered by FINTECH

Note: The specialism will appear only in the academic transcript.

At a glance

LEVEL 1

Students will learn fundamental skills required by every banking and finance professional, and the basic understanding of business management and finance. We will also expose them towards business & communication skills, accounting skills and management skills.

LEVEL 2

A broader range of skills will be learnt, in which students will gain a better understanding of banking instruments, procedures, regulatory framework as well as overall financial system environment. Students will be introduced to hands-on training on the underlying technologies enabling FinTech solutions. They will also be exposed to the new FinTech solutions namely digital currencies, peer to peer lending and etc. In addition, they will also familiarise themselves with the fundamentals of data mining techniques. We will further nurture their independent learning to prepare them for the workplace and for further researches.

INTERNSHIP

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

LEVEL 3

Students will make use of their previous studies and industrial experience to learn about the governance, risk management, and compliance of financial technology and theories as well as the globalisation of banking and finance in Global Banking and Finance. Concept of empirical application of Robo Advisor and Entrepreneurial Finance will also be a target to groom them as a leader in financial technology. A final year project requires them to explore a topic individually - they will demonstrate their academic and practical aspects of their ability in the chosen area of study.

Module outline

LEVEL 1

Common Modules
- Quantitative Skills
- Introduction to Management
- Business and Communication Skills
- Financial Accounting 1
- Business Economics
- Financial System
- Financial Accounting 2
- Essentials of Banking & Finance
- Business Law
- Marketing

LEVEL 2

Common Modules
- Financial Statement Analysis
- Financial Technology
- Banking Instruments & Procedures
- Financial Planning
- Python for Financial Applications
- Law of Banking and Finance
- Financial Econometrics
- Business Research Methods
- Financial Management
- Applications of AI in Finance

Specialised Modules
- Digital Currencies and Blockchain Technologies
- Crowdfunding and Alternative Lending

INTERNSHIP (16 weeks)

LEVEL 3

Common Modules
- Risk Management in Banking and Finance
- Financial Derivatives
- Corporate Finance
- Global Banking and Finance
- Investigations in Banking and Finance
- Ethics in Finance
- Final Year Project

Specialised Modules
- Entrepreneurial Finance
- Robo Advisor
- FinTech Risk Management and Regulations
- Portfolio Management

MQA Compulsory Subjects*
- Appreciation of Ethics and Civilisation (M'sian Students)
- Malay Communication Language (Int'l Students)
- Philosophy and Current Issues
- Workplace Professional Skills
- Integrity and Anti-corruption
- Co-Curriculum

(*All students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency)

Empowered by Industry Collaboration: FAOM FINTECH ASSOCIATION OF MALAYSIA

Professional Recognition: AICB, CFA Institute University Affiliation Program, CMA Association of Academic Partners, CISI, LSEG

For details and full accredition list, please refer to page 38.



Bachelor of FINANCIAL TECHNOLOGY (HONOURS)

(N/0412/6/0033)(06/29)(MQA/PA17435)

Duration:
3 years full-time

This programme is specifically designed to provide students with:

- Comprehensive Financial and FinTech Knowledge: Discuss state-of-the-art financial principles, theories, and technological developments while applying technical proficiency to address financial issues and create innovative solutions.
- Technical and Analytical Expertise: Build and utilise advanced technical skills, programming languages, and data analytics to develop financial applications and make data-driven decisions in the evolving digital landscape.
- Leadership and Professional Competency: Demonstrate leadership, independence, and entrepreneurial skills in steering FinTech projects, adhering to ethical standards and professional codes of conduct in the financial industry.
- Effective Communication and Lifelong Learning: Communicate complex financial ideas clearly to diverse stakeholders, foster strong interpersonal relationships, and integrate lifelong learning to adapt to dynamic global challenges.

Career options

- FinTech Specialist
- FinTech Product Developer
- FinTech Entrepreneur
- FinTech Product Analyst
- FinTech Strategy Consultants
- FinTech Product Consultant
- FinTech Product Manager
- FinTech Compliance officer
- FinTech Data Analyst

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FINTECH

Empowered by Industry Collaboration:
FAOM
FINTECH ASSOCIATION OF MALAYSIA

For details and full accredition list, please refer to page 38.

At a glance

LEVEL 1

Students will learn the fundamental skills required for every finance job as well as a basic understanding of business management and finance. Students will also be exposed to business management skills, creativity skills, accounting skills, and technological concepts.

LEVEL 2

Students will develop a comprehensive skill set, including financial management, planning, regulatory frameworks, and portfolio management. The curriculum emphasizes core FinTech technologies such as Python, R-programming, UI/UX, and Blockchain, alongside digital marketing concepts to produce well-rounded FinTech specialists. Practical training and technical applications ensure students are equipped with financial, technical, and marketing expertise. A 16-week internship before the end of Year 2 bridges the gap between classroom learning and real-world FinTech experience.

INTERNSHIP

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

LEVEL 3

In Year 3, students will delve deeper into multidisciplinary learning, covering risk management, global banking, entrepreneurial finance, and ethical principles in the financial industry. Technical skills will be enhanced through training in cloud computing, cybersecurity, and big data analytics. Design thinking methodologies will be introduced to foster innovative problem-solving. Students will culminate their learning by producing a comprehensive capstone report, demonstrating their mastery of financial principles, technical expertise, and practical application of design thinking in real-world scenarios.

Module outline

LEVEL 1

Common Modules
- Quantitative Skills
- Introduction To Management
- Digital Thinking and Innovation
- Financial System
- Financial Products & Services
- Business Economics
- Financial Accounting
- Intro of Artificial Intelligence
- Business Law
- Marketing

LEVEL 2

Common Modules
- Financial Technology
- Python for Financial Applications
- Financial Planning
- Financial Management
- Investment and Portfolio Analysis
- Law of Banking and Finance
- Financial Statement Analysis
- Business Research Methods
- Digital Marketing Channels
- Applications of AI in Finance
- Human Computer Interaction
- Digital Currencies and Blockchain Technologies

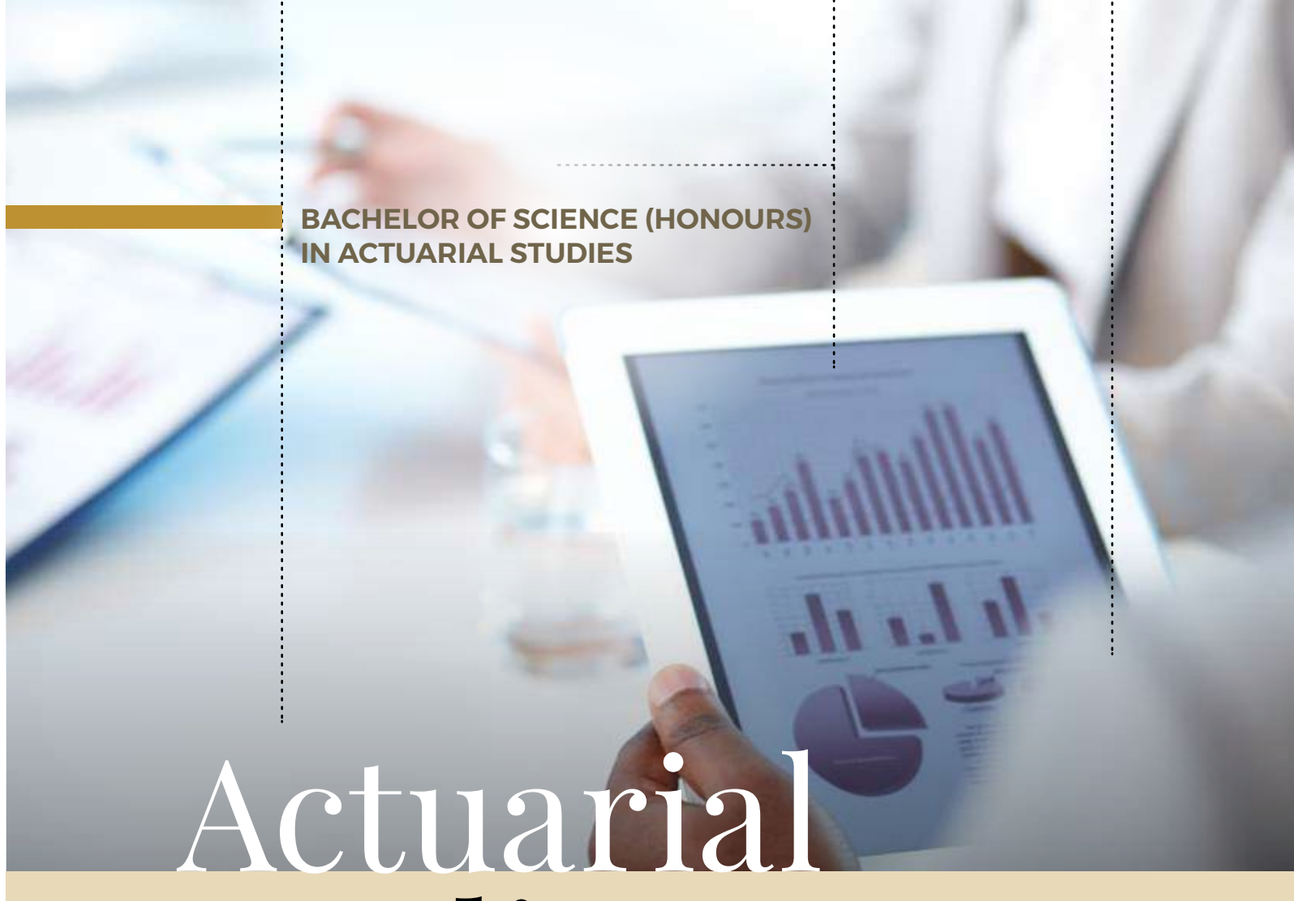
INTERNSHIP (16 weeks)

LEVEL 3

Common Modules
- Cloud Infrastructure and Services
- Risk Management in Banking and Finance
- Corporate Finance
- Global Banking and Finance
- Ethics in Finance
- Design Thinking
- Entrepreneurial Finance
- Big Data and Visual Analytical in Accounting & Finance
- Cybersecurity
- FinTech Risk Management and Regulations
- Capstone Project

MQA Compulsory Subjects*
- Appreciation of Ethics and Civilisation (M'sian Students)
- Malay Communication Language (Int'l Students)
- Philosophy and Current Issues
- Workplace Professional Skills
- Integrity and Anti-corruption
- Co-Curriculum

(*All students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency)



BACHELOR OF SCIENCE (HONOURS) IN ACTUARIAL STUDIES

Actuarial Studies

APU's **Bachelor of Science (Honours) in Actuarial Studies** is a 3-year degree programme of full-time study. This programme is to develop students' mathematical, statistical and analytical skills in addition to actuarial practices as preparation to become a qualified actuary.

Actuaries are highly regarded professional and they work across several industries including life and general insurance, commercial and investment banking, pensions and healthcare, consulting firms, and public sector. Actuaries are problem solvers and strategic thinkers with a deep understanding of risk management; they are one of the top paying professionals as they are usually in high demand worldwide.

WORLDWIDE RECOGNITION

Institute and Faculty of Actuaries

SOCIETY OF ACTUARIES

Casualty Actuarial Society

INSTITUTE AND FACULTY OF ACTUARIES (IFoA), UK

Institute and Faculty of Actuaries

WORLDWIDE RECOGNITION

FULL ACCREDITATION



APU's Bachelor of Science (Honours) in Actuarial Studies including the two specialisms are **fully accredited** by the Institute and Faculty of Actuaries (United Kingdom). Our graduates who attain an average of 65 or above can be eligible for **block exemptions** from CS1, CS2, CM1, CM2, CB1 and CB2 in the new IFoA curriculum.

APU is also the first university in Asia to provide exemptions from CP1, CP2 and CP3 via its Master of Science in Actuarial Science.

Programmes	IFoA Exam Exemption
Bachelor of Science (Honours) in Actuarial Studies	CS1, CS2, CM1, CM2, CB1, CB2
Bachelor of Science (Honours) in Actuarial Studies with a specialism in Data Analytics	
Bachelor of Science (Honours) in Actuarial Studies with a specialism in Financial Technology	
Master of Science in Actuarial Science	CS1, CS2, CM1, CM2, CP1, CP2 & CP3

PATHWAY TO IFoA ASSOCIATESHIP AND FELLOWSHIP

FAST TRACK YOUR ROUTE TO BECOMING A QUALIFIED ACTUARY

Exempted via Bachelor of Science (Honours) in Actuarial Studies (Block Exemptions)

Exempted via Master of Science in Actuarial Science

Complete CB3

Complete 2-Year Personal and Professional Development (PPD)

Become an ASSOCIATE of the IFoA!

ASSOCIATE

CORE PRINCIPLES

- CS1 (Actuarial Statistics)
- CS2 (Risk Modelling and Survival Analysis)
- CM1 (Actuarial Mathematics)
- CM2 (Financial Engineering and Loss Reserving)
- CB1 (Business Finance)
- CB2 (Business Economics)
- CB3 (Business Management)

CORE PRACTICES

- CP1 (Actuarial Practice)
- CP2 (Modelling Practice)
- CP3 (Communication Practice)

2-YEAR PERSONAL AND PROFESSIONAL DEVELOPMENT (PPD)

FELLOW

SPECIALIST PRINCIPLES (SP)

Pass any two only:
- SP0 (Master's Level Dissertation)
- SP1 (Health and Care)
- SP2 (Life Insurance)
- SP4 (Pensions and other benefits Principles)
- SP5 (Investment and Finance Principles)
- SP6 (Financial Derivatives Principles)
- SP7 (General Insurance Reserving and Capital Modelling Principles)
- SP8 (General Insurance Princing Principles)
- SP9 (Enterprise Risk Management Principles)

SPECIALIST ADVANCED (SA)

Pass any one only:
- SA0 (Master's Level Thesis)
- SA1 (Health and Care Advanced)
- SA2 (Life Insurance Advanced)
- SA3 (General Insurance Advanced)
- SA4 (Pensions and other benefits Advanced)
- SA7 (Investment and Finance Advanced)

1-YEAR PERSONAL AND PROFESSIONAL DEVELOPMENT (PPD)

Master of Science in Actuarial Science

Institute and Faculty of Actuaries
ACCREDITED

1st In Malaysia & Asia and 6th In The World

to be eligible for exemptions from IFoA professional examination CP1, CP2 and CP3.

SOCIETY OF ACTUARIES (SOA), USA

SOCIETY OF ACTUARIES

WORLDWIDE RECOGNITION

APU is also recognised by the Society of Actuaries (US). We are in the process of upgrading the SOA recognition from UCAP-AC (University Candidate Accreditation Program - Advanced Curriculum) to CAE (Center of Actuarial Excellence) as our Bachelor of Science (Honours) in Actuarial Studies including the two specialisms can prepare students for all the preliminary exams (P, FM, FAM, ASTAM, ALTAM, SRM, and PA) in the new SOA curriculum. This is in addition to the approved coursework for all the three VEE topics (Accounting & Finance, Economics, and Mathematical Statistics).

For more information, please visit https://www.soa.org/institutions/Asia-Pacific-University-of-Technology-Innovation.aspx

PATHWAY TO SOA ASSOCIATESHIP AND FELLOWSHIP

ASSOCIATE

PRELIMINARY EXAMS

- P (Probability)
- FM (Financial Mathematics)
- FAM (Fundamentals of Actuarial Mathematics)
- ALTAM (Advanced Long-Term Actuarial Mathematics)
- ASTAM (Advanced Short-Term Actuarial Mathematics)
- SRM (Statistics for Risk Modelling)
- PA (Predictive Analytics)

VEE CREDITS

- VEE Economics
- VEE Accounting and Finance
- VEE Mathematical Statistics

APU graduates are eligible for ALL the three VEE credits

MODULES

- Pre-Actuarial Foundations Module
- Actuarial Science Foundations Module
- Advanced Topics in Predictive Analytics Assessment

SEMINARS

- FAP (Fundamentals of Actuarial Practice)
- APC (Associateship Professionalism Course)

FELLOW

FSA SPECIALTY TRACKS (CHOOSE ANY ONE ONLY)

- Corporate Finance and ERM
- Quantitative Finance and Investment
- Individual Life Assurance and Annuities
- Retirement Benefits
- Group and Health Insurance
- General Insurance

** Each track has 3-4 exams and 3 modules*

MODULE

- DMAC (Decision Making and Communication)

SEMINAR

- FAC (Fellowship Admissions Course)

CASUALTY ACTUARIAL SOCIETY (CAS), USA

APU is also recognised by the Casualty Actuarial Society at the Silver Level of the CAS University Recognition Program. Our Bachelor of Science (Honours) in Actuarial Studies will not only prepare students for Exam 1, Exam 2, Exam MAS-I, Exam MAS-II and Exam 5 in the new CAS curriculum but also effectively prepare them for careers in the general insurance industry. With this achievement, APU joins a distinguished list of internationally recognised universities with exceptional actuarial studies programmes.

For more information, please visit: https://www.casact.org/university-programs/cas-university-recognition-list

About the CAS
With 10,000+ members working in more than forty countries, the CAS is the global leader in the credentialling and education of general insurance actuaries.

CAS members work in a vast array of settings, including insurance companies, educational institutions, state insurance departments, federal government agencies, independent consulting firms, and many other organizations that require management of risk. Learn more at www.casact.org.

PATHWAY TO CAS ASSOCIATESHIP AND FELLOWSHIP

ASSOCIATE

EXAMINATIONS

Exam 1	(Probability)
Exam 2	(Financial Mathematics)
Exam MAS-I	(Modern Actuarial Statistics-I)
Exam MAS-II	(Modern Actuarial Statistics-II)
Exam 5	(Basic Ratemaking, etc.)
Exam 6	(Regulation and Financial Reporting)

DATA INSURANCE SERIES COURSES

RM	(Risk Management and Insurance Operations)
IA	(Insurance Accounting, Coverage Analysis, etc.)
DA	(Introduction to Data and Analytics)

VEE CREDITS

VEE Economics
VEE Accounting and Finance

SEMINAR

Course on Professionalism

FELLOW

EXAMINATIONS

Exam 7	(Estimation of Policy Liabilities, etc.)
Exam 8	(Advanced Ratemaking)
Exam 9	(Financial Risk and Rate of Return)

APU students who earned preliminary exam waivers exemptions for university coursework from the IFOA (CS1, CS2, CM1, CB1 & CB2) may receive equivalent waivers from the CAS (Exam 1, Exam 2, Exam MAS-I, VEE Economics & VEE Accounting and Finance).



DUAL DEGREE

Bachelor of Science (Honours) in ACTUARIAL STUDIES

(R2/0542/6/0009)(06/27)(MQA/FA1327)

At a glance

Duration:
3 years full-time

This programme is specifically designed to provide students with:

- A course of study in Actuarial Science which has been awarded full accreditation by IFoA (UK).
- Competent teaching staff with professional or specialised academic qualification, possessing working experience from actuarial industries/academia.
- Course syllabus which is comprehensively structured in tandem and compliance with the 3 largest actuarial professional bodies, the IFoA (UK), the SOA (US), and the CAS (US).
- Comprehensive guidance to mould graduates to be industry-ready.

Career options

- Actuary
- Data Analyst
- Risk Analyst
- Financial Analyst
- Business Analyst
- Financial Planning Advisor
- Investment & Portfolio Manager
- Regulator
- Statistician
- Mathematician
- Professor

All Actuarial Studies Programmes are accredited by:

Institute and Faculty of Actuaries
SOCIETY OF ACTUARIES
Casualty Actuarial Society

For details, please refer to page 37.

Module outline

LEVEL 1

Equipping students with essential fundamentals of Mathematics, Statistics, Economics and Finance starts at Level 1. To complement the core knowledge, the students will also learn Business, Communication, and IT skills, before progressing to the Level 2 of Actuarial Science study.

LEVEL 2

The core knowledge of Mathematics and Statistics now act as engine to drive the complex models of Economics and Finance in the actuarial industries. Those core knowledge are integrated to form actuarial tools and infrastructure, ready to be used for planning and managing purposes. Students will receive exposure and coaching which are actuarial centric, targeting at industrial applications. They are gradually groomed to be more independent in their study and research efforts.

INTERNSHIP

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

LEVEL 3

The students are now ready to merge their knowledge and industrial experience to forge ahead and put into action their acquired skills in planning, managing and analysing risk. At this level, emphasis is placed on evaluating financial performance of businesses from actuary's perspectives. Students will have the opportunity to understand the critical roles played by actuaries, for example, in the development and pricing of insurance products. Risk Management, Actuarial Modeling and Ratemaking are some of a wide repertoire of skills to be used.

LEVEL 1

Common Modules
- Programming for Actuaries
- Linear Algebra
- Calculus
- Probability Models
- Business and Communications Skills
- Financial Accounting
- Macroeconomics
- Microeconomics
- Calculus II
- Statistics
- Data Management with SQL

LEVEL 2

Common Modules
- Stochastic Process
- Financial Management
- Financial Mathematics
- Advanced Probability Models
- Regression Analysis
- Predictive Analytics
- Actuarial Product Development
- Financial Economics
- Survival Analysis

Specialised Modules
- Financial Planning
- Financial Statement Analysis
- Business Ethics and Governance

INTERNSHIP (16 weeks)

LEVEL 3

Common Modules
- Asset and Liability Valuations
- Life Contingencies
- Corporate Finance
- Risk Theory
- Option and Bond Valuations
- Life Contingencies II
- Industry Based Project

Specialised Modules
- Strategic Management
- Pension and Retirement Plans

MQA Compulsory Subjects*
- Appreciation of Ethics and Civilisation (M'sian Students)
- Malay Communication Language (Int'l Students)
- Philosophy and Current Issues
- Workplace Professional Skills
- Integrity and Anti-corruption
- Co-Curriculum

(*All students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency)



Bachelor of Science (Honours) in ACTUARIAL STUDIES WITH A SPECIALISM IN DATA ANALYTICS

(R2/0542/6/0009)(06/27)(MQA/FA1327)

Duration:
3 years full-time

This programme is specifically designed to provide students with:

- A course of study in Actuarial Science with a specialism in Data Analytics which has been awarded full accreditation by the IFoA (UK).
- Competent teaching staff with professional or specialised academic qualification, possessing working experience from actuarial industries/ academia.
- Course syllabus which is comprehensively structured in tandem and compliance with the 3 largest actuarial professional bodies, the IFoA (UK), the SOA (US), and the CAS (US).
- Comprehensive guidance to mould graduates to be industry-ready.

Career options
- Actuary
- Data Analyst
- Data Scientist
- Data Engineer
- Risk Analyst
- Financial Analyst
- Business Analyst
- Financial Planning Advisor
- Investment & Portfolio Manager
- Regulator
- Statistician
- Mathematician
- Professor

Note: The specialism will appear only in the academic transcript.

At a glance

LEVEL 1

Equipping students with essential fundamentals of Mathematics, Statistics, Economics and Finance starts at Level 1. To complement the core knowledge, the students will also learn Business, Communication, and IT skills, before progressing to the Level 2 of Actuarial Science study.

LEVEL 2

The core knowledge of Mathematics and Statistics now act as engine to drive the complex models of Economics and Finance in the actuarial industries. Those core knowledge are integrated to form actuarial tools and infrastructure, ready to be used for planning and managing purposes. Students will receive exposure and coaching which are actuarial centric, targeting at industrial applications. They are gradually groomed to be more independent in their study and research efforts.

In addition to the common modules for actuarial studies, students will also take two specialism modules (Programming for Data Analytics and Operational Research and Analytics) to gain exclusive exposure to data analytics.

INTERNSHIP

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

LEVEL 3

The students are now ready to merge their knowledge and industrial experience to forge ahead and put into action their acquired skills in planning, managing and analysing risk. At this level, emphasis is placed on evaluating financial performance of businesses from actuary's perspectives. Students will have the opportunity to understand the critical roles played by actuaries, for example, in the development and pricing of insurance products. Risk Management, Actuarial Modeling and Ratemaking are some of a wide repertoire of skills to be used.

In addition to the common modules for actuarial studies, students will also take two specialism modules (Behavioural Science & Marketing Analytics and Advanced Predictive Analytics) to gain further knowledge and skills for data analytics.

Module outline

LEVEL 1

Common Modules
- Programming for Actuaries
- Linear Algebra
- Calculus
- Probability Models
- Business and Communications Skills
- Financial Accounting
- Macroeconomics
- Microeconomics
- Calculus II
- Statistics
- Data Management with SQL

LEVEL 2

Common Modules
- Stochastic Process
- Financial Management
- Financial Mathematics
- Advanced Probability Models
- Regression Analysis
- Predictive Analytics
- Actuarial Product Development
- Financial Economics
- Survival Analysis

Specialised Modules
- Programming for Data Analytics
- Operational Research and Analytics
- Business Ethics and Governance

INTERNSHIP (16 weeks)

LEVEL 3

Common Modules
- Asset and Liability Valuations
- Life Contingencies
- Corporate Finance
- Risk Theory
- Option and Bond Valuations
- Life Contingencies II
- Industry Based Project

Specialised Modules
- Behavioural Science & Marketing Analytics
- Advanced Predictive Analytics

MQA Compulsory Subjects*
- Appreciation of Ethics and Civilisation (M'sian Students)
- Malay Communication Language (Int'l Students)
- Philosophy and Current Issues
- Workplace Professional Skills
- Integrity and Anti-corruption
- Co-Curriculum

(*All students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency)

All Actuarial Studies Programmes are accredited by:

Institute and Faculty of Actuaries | SOCIETY OF ACTUARIES | Casualty Actuarial Society

For details, please refer to page 37.



Bachelor of Science (Honours) in ACTUARIAL STUDIES WITH A SPECIALISM IN FINANCIAL TECHNOLOGY

(R2/0542/6/0009)(06/27)(MQA/FA1327)

Duration:
3 years full-time

This programme is specifically designed to provide students with:

- A course of study in Actuarial Science with a specialism in Financial Technology which has been awarded full accreditation by the IFoA (UK).
- Competent teaching staff with professional or specialised academic qualification, possessing working experience from actuarial industries/ academia.
- Course syllabus which is comprehensively structured in tandem and compliance with the 3 largest actuarial professional bodies, the IFoA (UK), the SOA (US), and the CAS (US).
- Comprehensive guidance to mould graduates to be industry-ready.

Career options
- Actuary
- FinTech Specialist
- FinTech Consultant
- FinTech Engineer
- Data Analyst
- Risk Analyst
- Financial Analyst
- Business Analyst
- Financial Planning Advisor
- Investment & Portfolio Manager
- Regulator
- Statistician
- Mathematician
- Professor

Powered by FINTECH

Note: The specialism will appear only in the academic transcript.

At a glance

LEVEL 1

Equipping students with essential fundamentals of Mathematics, Statistics, Economics and Finance starts at Level 1. To complement the core knowledge, the students will also learn Business, Communication, and IT skills, before progressing to the Level 2 of Actuarial Science study.

LEVEL 2

The core knowledge of Mathematics and Statistics now act as engine to drive the complex models of Economics and Finance in the actuarial industries. Those core knowledge are integrated to form actuarial tools and infrastructure, ready to be used for planning and managing purposes. Students will receive exposure and coaching which are actuarial centric, targeting at industrial applications. They are gradually groomed to be more independent in their study and research efforts.

In addition to the common modules for actuarial studies, students will also take three specialism modules (Financial Technology, Enabling FinTech and Application of AI in Finance) to gain exclusive exposure to FinTech.

INTERNSHIP

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

LEVEL 3

The students are now ready to merge their knowledge and industrial experience to forge ahead and put into action their acquired skills in planning, managing and analysing risk. At this level, emphasis is placed on evaluating financial performance of businesses from actuary's perspectives. Students will have the opportunity to understand the critical roles played by actuaries, for example, in the development and pricing of insurance products. Risk Management, Actuarial Modeling and Ratemaking are some of a wide repertoire of skills to be used.

In addition to the common modules for actuarial studies, students will also take a specialism module (FinTech Risk management and Regulations) to gain further knowledge and skills for FinTech.

Module outline

LEVEL 1

Common Modules
- Programming for Actuaries
- Linear Algebra
- Calculus
- Probability Models
- Business and Communications Skills
- Financial Accounting
- Macroeconomics
- Microeconomics
- Calculus II
- Statistics
- Data Management with SQL

LEVEL 2

Common Modules
- Stochastic Process
- Financial Management
- Financial Mathematics
- Advanced Probability Models
- Regression Analysis
- Philosophy and Current Issues
- Predictive Analytics
- Actuarial Product Development
- Financial Economics
- Survival Analysis

Specialised Modules
- Financial Technology
- Digital Currencies and Blockchain Technologies
- Crowdfunding and Alternative Lending

INTERNSHIP (16 weeks)

LEVEL 3

Common Modules
- Asset and Liability Valuations
- Life Contingencies
- Corporate Finance
- Risk Theory
- Strategic Management
- Option and Bond Valuations
- Life Contingencies II
- Industry Based Project

Specialised Modules
- Strategic Management
- Fintech Risk management and Regulations

MQA Compulsory Subjects*
- Appreciation of Ethics and Civilisation (M'sian Students)
- Malay Communication Language (Int'l Students)
- Philosophy and Current Issues
- Workplace Professional Skills
- Integrity and Anti-corruption
- Co-Curriculum

(*All students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency)

All Actuarial Studies Programmes are accredited by:

Institute and Faculty of Actuaries | SOCIETY OF ACTUARIES | Casualty Actuarial Society

For details, please refer to page 37.



World-class R&D and Innovation

ACADEMIC RESEARCH

For our staff, learning is a continuous journey where we keep abreast with the latest knowledge in a variety of fields. Our academic staff publish papers and present them at conferences worldwide. Some of the areas of research include:

- **Embedded Systems & RFID**
- **Biometrics**
- **Games Engines**
- **3D Graphics and Virtual Reality**
- **Security**
- **New Media Technologies**
- **Knowledge Management**
- **Mobile Learning**
- **Wireless Networks and Internet of Things (IoT)**
- **Adding Facial Expressions to Talking Head Models**
- **Marketing Professional Services**
- **Two and Three Dimension Audio-Visual Speech Synthesis**
- **Handwritten Signature Verification Using a Single Master Signature**
- **Customer Care**
- **E-Learning**
- **Entrepreneurial Business**
- **Various Aspects of Accounting**
- **International Marketing**
- **Generation of Business Ideas**
- **Organisational Culture Change**
- **Strategic Diversification Evaluation**





I am APU

WHAT DO OUR ALUMNI SAY...

LEE SHAWN HANK (Malaysia)

BA (Hons) in Accounting and Finance
with a specialism in Forex & Investments, Class of 2024
Business Consultant – Ernst and Young (EY) Malysia

"My journey at APU had been highly enriching and transformative by providing me with a unique blend of academic rigor and personal growth opportunities. The lectures consistently demonstrated strong expertise and professionalism in delivering all the learning outcomes to ensure students understood complex concepts and applied practically. It was grateful to witness lecturers go beyond academic teaching to inspire students in their career aspirations and personal development with valuable guidance. APU also stands out for its diverse and multicultural environment, which enhances students' cross-cultural communications skills through engagement with individuals from different nationalities and backgrounds. Additionally, APU's course structure contained wide range of academic modules that enables to equip knowledge across multiple disciplines and develop a versatile skill set for future career development.."

ANNIE YII ZHU YI (Malaysia)

BA (Hons) in Accounting and Finance
with a specialism in Forex & Investments, Class of 2016
Tax Associate Consultant - Pricewaterhouse Coopers (PwC)

"The best thing I found in APU is the number of additional opportunities that are available. The experience has broadened my horizon and really changed my view about many things. With the communication skills, teamwork and management skills I learnt in APU, I am confident that I will be able to cope with the challenges that lie ahead."

WHAT DO OUR ALUMNI SAY...

REGINA LIM KHAY CHIEN (Malaysia)

BSc (Hons) in Actuarial Studies, Class of 2018
Data Analyst, Bursa Malaysia Berhad

"Apparently, enrolling with APU has been a delightful journey in shaping myself into a well-rounded person both physically and mentally. With the professional learning environment being implemented along with the inspiration that come from lecturers who valued creativity and respect criticism, I am allowed to free my minds, widen my horizons and truly express myself. In fact, they have also enlightened me to consider so many more non-traditional career paths than I ever thought of. Nevertheless, I am especially thankful to the presentation, group assignments, workshops and seminars that help to provoke my thinking as well as improve my communication skills at APU."

Chong Yee Voon (Malaysia)

Bachelor in Banking and Finance (Hons)
with a specialism in Financial Planning , Class of 2020
Credit Analyst, Public Bank

"Learning at APU does not only give me the knowledge in textbooks, APU also focuses on imparting soft skills to students through various guest lectures, events & workshops. Therefore, students can easily get a good job after graduation. The English-speaking environment has helped me to develop my skills in the language. I am very grateful that APU has provided us with such a good learning environment and helped me a lot in my profession."

TEERUJ BUNDHOO (Mauritius)

BA (Hons) in Accounting and Finance
With a specialism in Forensic Accounting, Class of 2022
Assistant Manager – Risk Advisory, KPMG Mauritius

"Asia Pacific University gave me a strong academic and professional foundation that has shaped my career. The programme's mix of academic rigour and practical, industry focused learning taught me to work independently, adapt quickly, and meet demanding deadlines. The professional standards and analytical mindset I developed at APU have been invaluable, not just during my ACCA exams but also in my day-to-day work at KPMG Mauritius, where my efforts have been recognised annually. I was also jointly recognised as a Best Performer in Accounting and Finance with a specialism in Forensic Accounting and awarded the ACCA Book Prize Award. I am truly grateful to APU for the holistic education, discipline, and ethical grounding it gave me, which continue to guide my professional growth."

WOODUN DHANDEVI (Mauritius)

BSc (Hons) in Actuarial Studies, Class of 2018,
MSc in Data Science & Business Analytics, Class of 2019
Junior Actuarial Analyst - Actuarial Partners Consulting

"Owing to the fact that APU offers a remarkable academic environment and interdisciplinary initiatives, I would heartily recommend the university to other students. The institution also proven its track record of employable graduates. To be honest, I was primarily attracted by these outstanding specifics of the university. Studying Actuarial Science is challenging, but the level and content of the lectures immensely enable students to understand the modules and to succeed the exams with flying colors.

Coupled to these, APU is affiliated with the Society of Actuaries and Institute Faculty of Actuaries, which eventually empowers us with the professional papers. APU outstands itself from other universities for its academic facilities, resources as well as its student support services, without which life at APU would not have been dynamic and exciting. However, I would not have benefited from all these unique features of the campus if I would not have obtained the 50% Merit Scholarship of APU. I take this opportunity to pay my gratitude to Asia Pacific University of Technology and Innovation for its financial support and most significantly for its education. Additionally, graduating with the Valedictorian Award 2018 supports the hard-work as well as determination that one should possess in order to achieve and succeed with flying colors."

NOUNG SAMBOTH (Cambodia)

Bachelor in Banking & Finance (Hons), Class of 2015
Regional Business Analyst - Forte Toko Lao Assurance

"APU has inspired me to be part of diversity. The university shows me the beauty of different cultures and equipped me with both approaches, individual and teamwork, which I found myself flexible enough in my career path."

WHAT DO OUR ALUMNI SAY...

TEO WAI LUN (Malaysia)

BA (Hons) in Accounting & Finance
with a specialism in Forensic Accounting, Class of 2016
Associate - Fraud Investigations & Dispute Services (FIDS), Assurance, Ernst & Young

"The ultimate three words - Unique Culture, One-of-a-Kind, and Competitive, can be used to describe APU. The lecturers are very passionate, some of them really push the students beyond the limit and whatever you are able to find out from the academic notes. We are trained to be efficient, effective and critical at the same time – so that we can cope with risks and uncertainties that we will face in real working life. Speaking of my current role, critical thinking is, indeed, the most exciting thing."

HO LIP XIN (Malaysia)

Foundation (2008)
BA (Hons) in Accounting and Finance, Class of 2011
Deputy General Manager (Corporate Planning) - Nirvana Asia Group

"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 APU is also of great help when I sat for my ACCA examination."

TSHERING DEKI DORJI (Bhutan)

BSc (Hons) in Actuarial Studies, Class of 2016
Strategy Officer - Bhutan National Bank Limited

"APU is the completed package to what a university should be. From passionate lecturers, some of whom are genuinely interested in making the students succeed, to a campus with all the facilities required for a fruitful college life, APU has played a critical role in shaping the person I am today. The cultural diversity of the students provided a wonderful opportunity to learn about various cultures and traditions of the world. The enthusiasm of lecturers pushes each student to reach their highest potential. It is an excellent learning institution that inculcates the spirit of competition, professionalism and hard work in their students."

SHRESTA DEVI BIJLOLL (Mauritius)

Bachelor in Banking and Finance (Hons), Class of 2016
Working at Ministry of Finance, Mauritius

"Studying at APU is not just about obtaining a quality education - it's also a life-changing experience. It's a journey that prepares students for the future and enables them to develop not only professionally, but also personally through involvement in a wide variety of clubs ranging from sports to literature and many more. It contributes to the enhancement of skills, knowledge, exposure and experience in the students. APU offers its students a conducive learning environment through state-of-the-art technologies and learning materials. The friendly lecturers are equipped with updated knowledge of the industries and their ability to relate it to real-world examples make the classes ever more interesting. The very multicultural students community enables us to mix around and learn together with students from over 110 countries - and that's just an amazing experience. Choosing to study at APU was one of the best decisions I ever made!"

Sharafunnisa Binti Ebramsha @ Ebramshaw (Malaysia)

BA (Hons) in Accounting & Finance with a specialism in Forex & Investments , Class of 2019
Financial Analyst - IBM

"One main thing I liked about APU is the multicultural experience I have gained throughout my 4 years journey in APU. Also, myself being a Student Ambassador, I get to meet diverse people from all around the world and this allowed me to explore about each of their countries expanding my knowledge further (beside just gaining education). This enabled me to have high adaptability to different environments which I am now able to apply in the working world. The degree papers which were exempted from ACCA helped me to continue the rest of the papers now as I have gained enough basic knowledge and skills on the Fundamental papers. APU has really molded me well and I am definitely grateful for that!"



Award-Winning University

268 Awards *at Local, Regional and International Levels in 2025*

Recent Awards

MYStartup Hackathon X DNB
– Winner

GOOGLE 30-Hour No-Code Hackathon
– Champion

Intel & Crest Industry-University Challenge
– Grand Prize

APU-AWS DeepRacer Competition
– Champions

Microsoft's Code; Without Barriers Hackathon
– Champions

Shell Selamat Sampai Varsity Challenge
– Champion

PETRONAS Inter-University Capture The Flag Challenge
– Champion

MAKING HISTORY - AWARDS AND ACHIEVEMENTS

Awards received by the university and our students at local, regional and international competitions are a testimony to their knowledge, skills and professional attributes.



Intel AI Global Impact Festival
- Champion

ImpactHack by Standard Chartered
- Champion

Asia Pacific, Japan, and China (APJC) Cisco Netriders Competition
- Champion

Asia Pacific ICT Alliance (APICTA) Awards
- National Champion

MDEC PDTI Awards Winners
- Outstanding Faculty Award (University Category)
- Outstanding Faculty Member Awards (3rd Place)
- Outstanding Student Awards (1st Place, 2nd Place, & Consolation Prize)

PayNet Digital Campus 2.0 Campaign
- Champion

HILTI Global IT Challenge
- Champion

James Dyson Award Malaysia
- National Champion

Cybersecurity Excellence Awards
- Gold Winner

Institute of Engineers Malaysia (IEM) Award
- Gold Award

Society Of Petroleum Engineers (SPE) International Award
- Outstanding Student Chapter & Excellence Award

MAKING HISTORY - AWARDS AND ACHIEVEMENTS

Malaysia Techlympics: Data Science Challenge
- Champion

Ethereum Blockchain Hackathon at ETH Seoul
- Winner

Young CEO X-Factor Challenge (ESTECH)
- Champion

World of Robotics Championship
- Champion

ZTE NextGen 5G Hackathon
- First Runner-Up

Global Robot Challenge in Beijing
- Champion

SME Bank Sandbox Swiss Innovation Challenge
- Champion

World Genius Convention (WGC)Japan
- Gold Medal Award

Asia Fintech Awards
- Rising Star of the Year award

The Art of Wheels: Rim Design Challenge
- Champion

KC7 Blue Team Cyber Security Challenge
- Champion

KL Selangor Furniture Association (KSFA) Golden Axe Award
- Platinum Award

Asian Compact Sedan Design Challenge (ACSDC)
- Champion



For more awards listing, please visit APU website.