

A · P · U
ASIA PACIFIC UNIVERSITY
OF TECHNOLOGY & INNOVATION

Innovating Architecture & Built Environment with Technology

Bachelor of Science (Honours) in Architecture

school of
architecture and
built environment

A · P · U

ASIA PACIFIC UNIVERSITY
OF TECHNOLOGY & INNOVATION

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

MD™ Premier Digital Tech Institution

QS WORLD UNIVERSITY RANKINGS 2027

QS 1st Malaysian University 5-Stars Plus

school of
architecture and
built environment

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LEMBAGA ARKITEK MALAYSIA

The APU Bachelor of Science (Honours) in Architecture is approved by the Board of Architects Malaysia (LAM) and provisionally accredited by the Malaysian Qualifications Agency (MQA).

Bachelor of Science (Honours) in Architecture

(N/0731/6/0009)(07/29)(MQA/PA17386)

A Future Transformed. One Sketch at a Time.

First and Only Malaysian University with QAA UK Accreditation 2024 - 2029





APU 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.



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

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

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

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

1st Malaysian University

1 of 24 in the world

QS 5-Stars Plus

QS WORLD UNIVERSITY RANKINGS 2027

QS WORLD UNIVERSITY RANKINGS 2027

TOP 2% in the World

#528
WORLDWIDE
Top 2% Globally

#20
INTERNATIONAL STUDENTS

#157
INTERNATIONAL FACULTY

TOP 500
EMPLOYER REPUTATION

#177
STUDENT EXPERIENCE

QS WORLD UNIVERSITY RANKINGS: ASIA 2026

#39
IN SOUTH EAST ASIA

#147
IN ASIA

TOP 20 IN ASIA & TOP 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”.

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

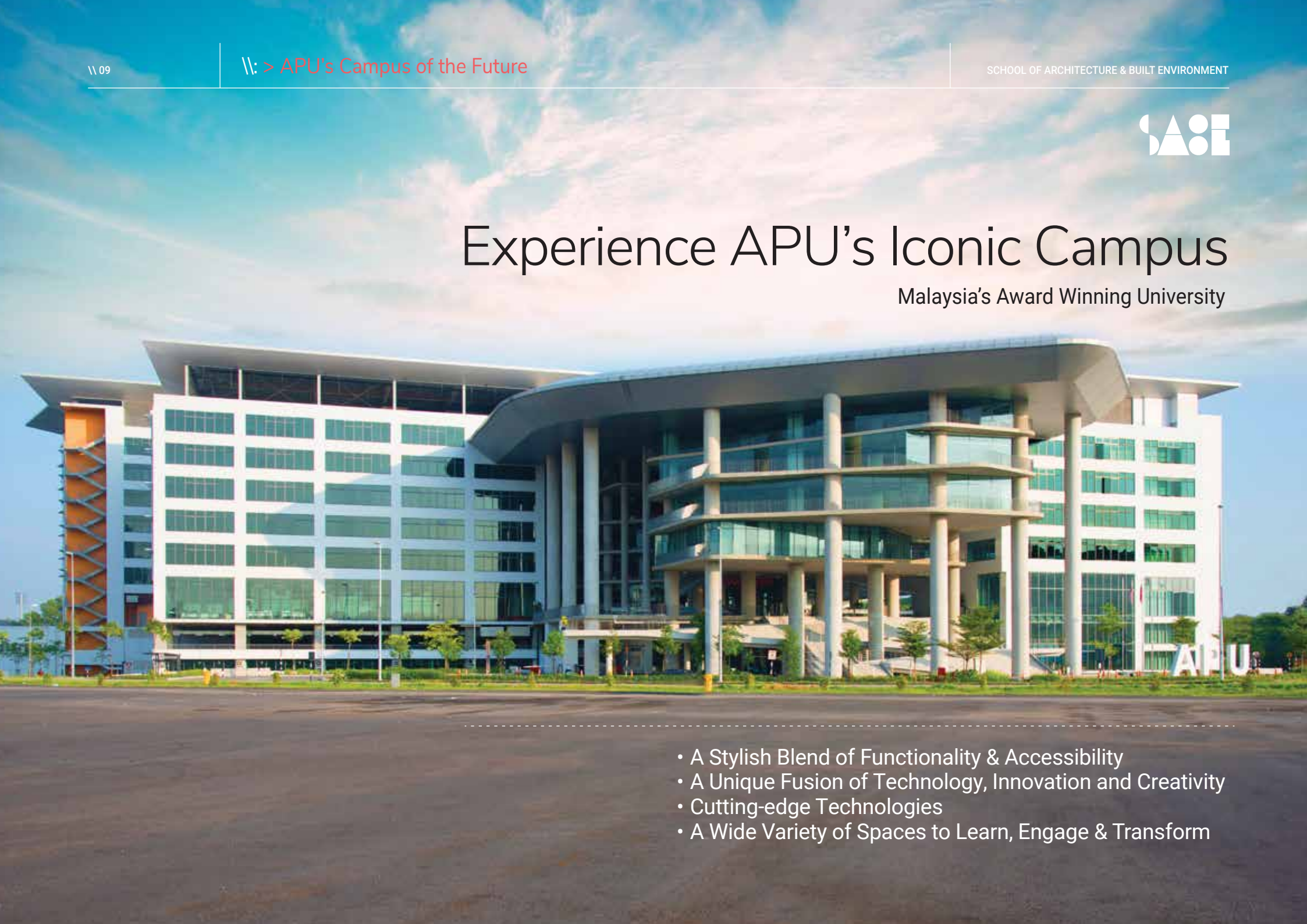
The QS Stars™ rating system is operated by the QS Intelligence Unit, the independent compiler of the QS World University Rankings® since 2004. The system evaluates universities across a wide range of important performance indicators as set against pre-established international standards. By covering 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

01 Nov 2021

Experience APU's Iconic Campus

Malaysia's Award Winning University



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

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

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.



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. MRANTi - Technology Park Malaysia is the ideal location for this new and contemporary campus due to its strong positioning as Malaysia's primary hub for leading-edge and high-tech developments in a wide variety of areas. It is also located in one of the most rapidly developing areas in Kuala Lumpur, and is well served and accessible through major highways, LRT and other forms of public transportation.

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









APU's iconic campus is 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.


100%
Employability *

Employability by Design - Nurturing Professionals for Global Careers

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

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

Industry Ready Graduates

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





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.







Work-ready, World-ready

Study with us and we'll equip you to become a worldready 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
QS WORLD UNIVERSITY RANKINGS
2027

A Vibrant Community of Students from the World

A Truly International Community - Uniting the World @ APU

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.



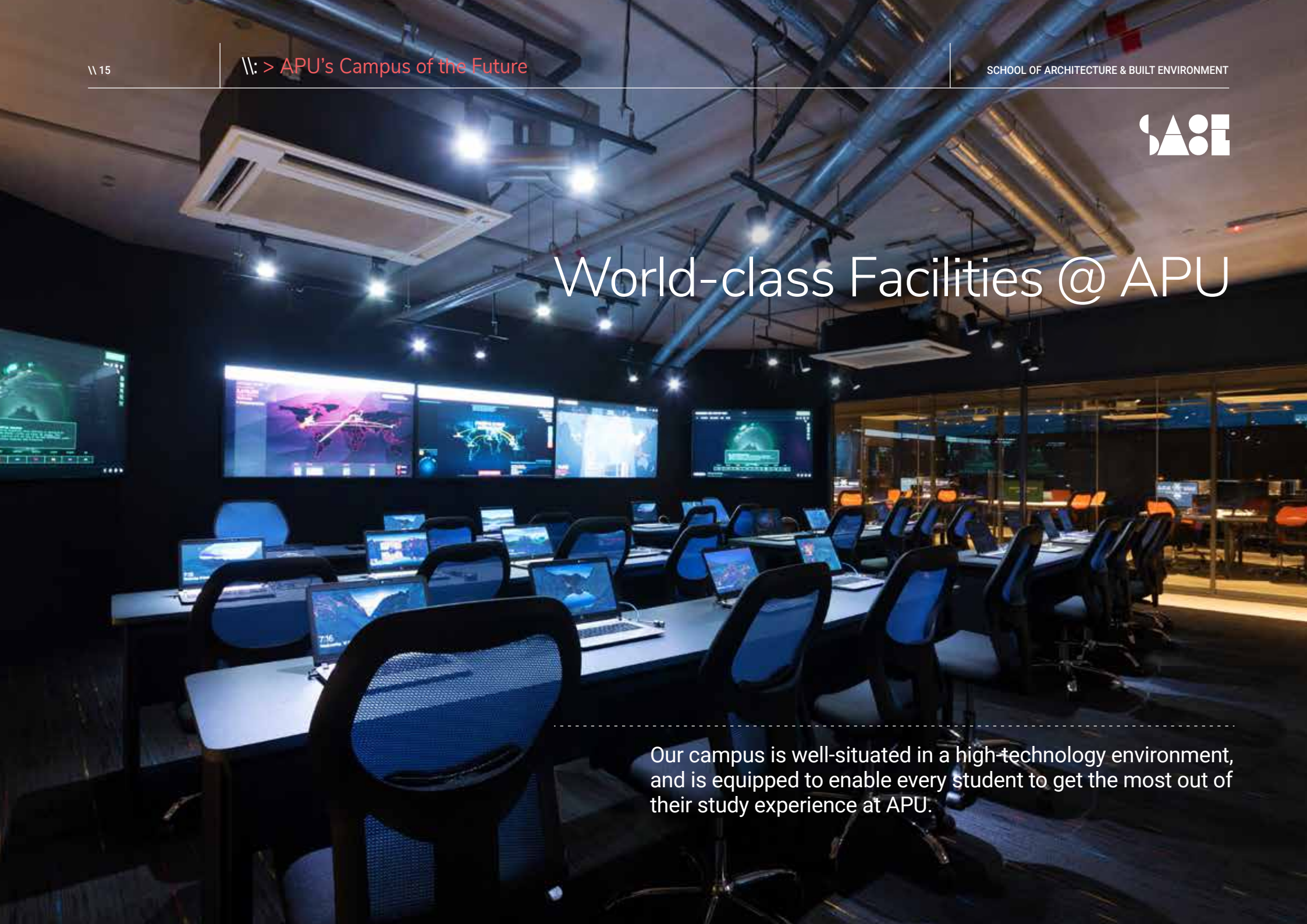






Student Life @ APU

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 their study experience at APU.

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





Cutting-Edge Technologies

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.

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 earning 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.

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.



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.









DE MONTFORT UNIVERSITY LEICESTER

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-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).











APU Foundation Programme
- Your Future. Your Choice.



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

On completion of the Foundation Programme, you will be able to make an informed decision about your interest and pursue your degree of choice.

During the Foundation Programme, you are able to choose different routes depending on your area of interest. This will allow you to progress onto a specific degree programme at APU, related to this area or other relevant areas based on your foundation experience.

Architecture & Design Route

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 careerreadiness as they move on as global professionals eventually. This is achieved through 4 key areas:

- **Leadership & Teamwork**
- **Social Skills & Responsibilities**
- **Problem-Solving Skills**
- **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.

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.

SEMESTER 1 (Common Modules)

- English for Academic Purposes
- Digital Communication & Collaboration
- Personal Development & Study Skills
- Mathematics

SEMESTER 2

- 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
- 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:

- Architecture, Industrial Design, Visual Effects, Animation & Digital Advertising

Students may alternatively choose the following:

- Computing & Technology
- Immersive Technology & VR/ AR
- Game Development
- Media and International Relations
- Business, Management, Marketing & Digital Marketing
- Hospitality & Tourism
- Accounting, Banking, Finance & Actuarial
- Psychology

(Please refer to individual course brochure for Alternative Pathways details.)

Specialised Modules for Design Route

Fundamentals of Drawing

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

Life Drawing

- You will be introduced to life drawing or figurative drawing involving drawing the human form in any of its various shapes and postures using a variety of media. The module will cover a series of techniques that will provide more confidence in drawing in various forms to nurture skill sets such as character designs for animation, concept art and/or games.

Design Studies

- Design studies address the different ways in which design has been characterized and practiced. It covers the contexts and systems on how designs operate and the responsibilities that come with the power of designing. Discover the elements and principles of design that can be applied across the art and design spectrum.

AI for Business and Design

- This module introduces students to the application of Artificial Intelligence (AI) in business and design, highlighting how AI is transforming creativity, decision-making, and innovation across industries. Students explore AI-powered tools for content creation, design, marketing, customer engagement, and business analysis while developing practical skills in using AI responsibly. The module also encourages critical evaluation of AI-generated outputs and an understanding of the ethical, legal, and societal implications of AI in professional practice.

Architectural Drawing and Communication

- The aim of the module is to introduce students to the basic principles of architectural visual communication through freehand sketching and basic technical drawing. The course develops students' ability to communicate architectural ideas using basic graphic conventions. Students explore architectural sketching techniques and technical drawings through studio exercises and practical assignments that will strengthen both creative expression and technical understanding. The course culminates in the production of a portfolio that documents students' development and showcases their ability to communicate architectural ideas effectively through a combination of observational sketches, technical drawings, and graphic presentation.

01

APU School of Architecture and Built Environment

LEMBAGA ARKITEK MALAYSIA

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Bachelor of Science (Honours) in Architecture

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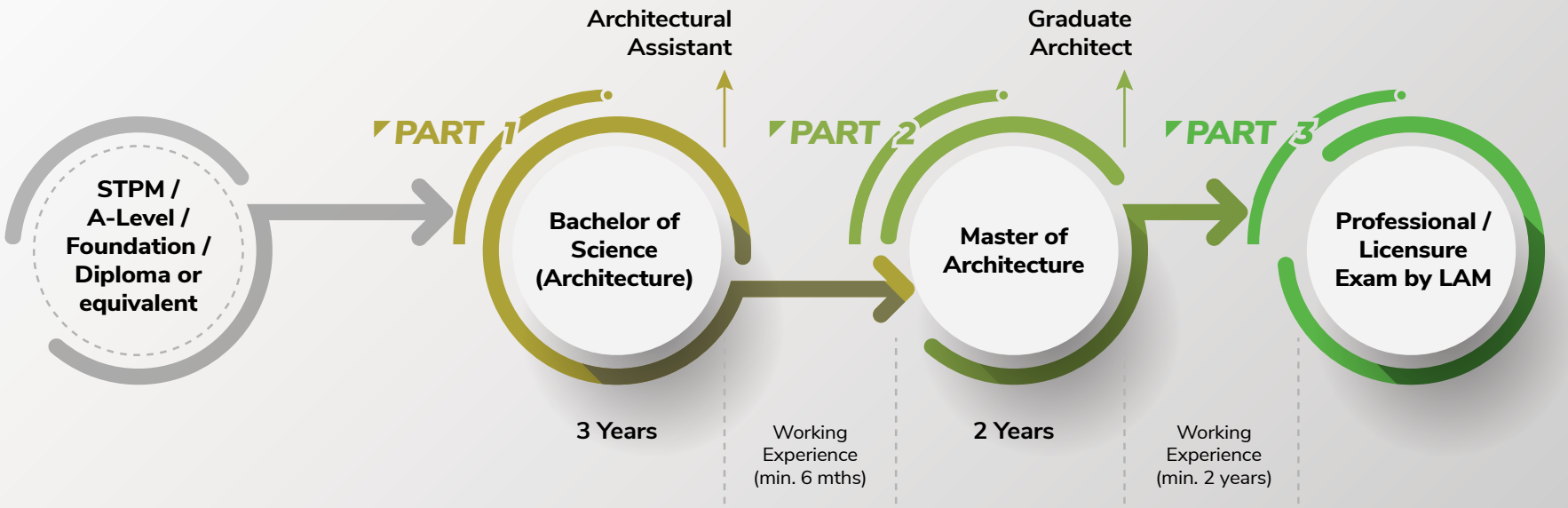
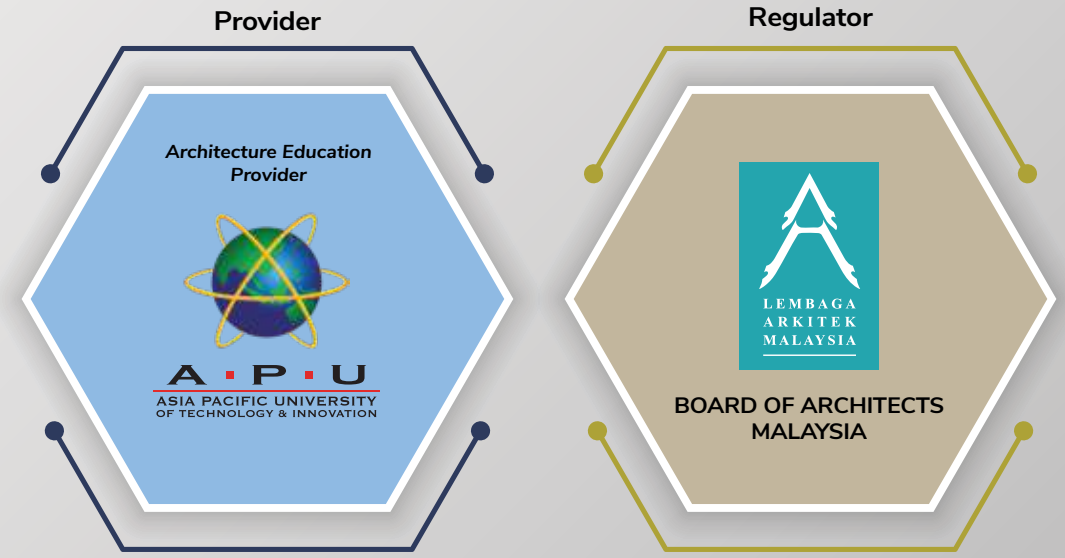
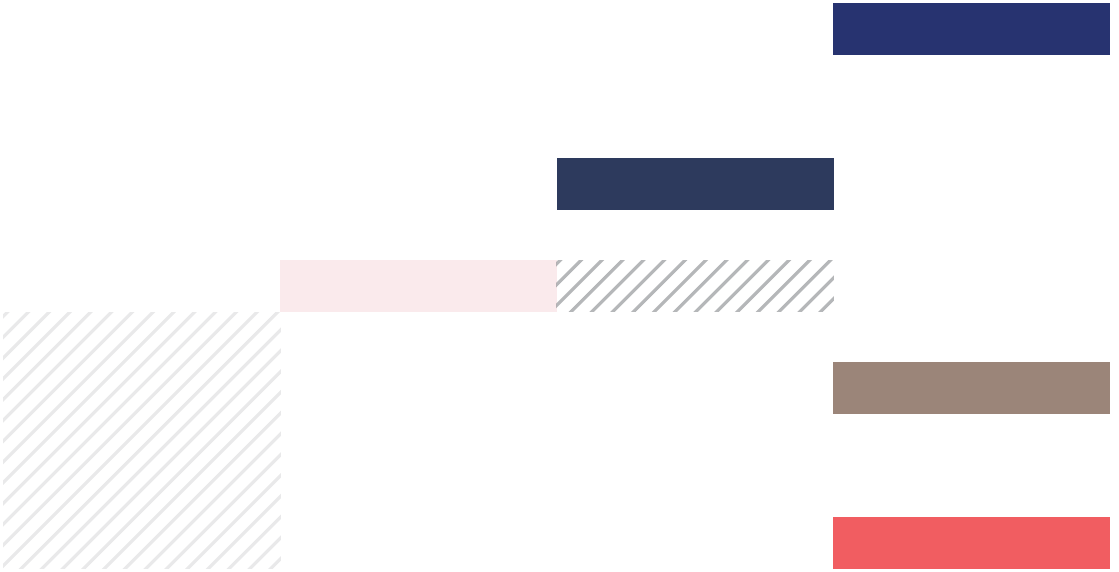
DUAL DEGREE


Architectural Assistant
Graduate Architect
PART 1
PART 2
PART 3
STPM / A-Level / Foundation / Diploma or equivalent
Bachelor of Science (Architecture)
Master of Architecture
Professional / Licensure Exam by LAM
3 Years
Working Experience (min. 6 mths)
2 Years
Working Experience (min. 2 years)


Provider
Architecture Education Provider
A · P · U
ASIA PACIFIC UNIVERSITY OF TECHNOLOGY & INNOVATION
Regulator
LEMBAGA ARKITEK MALAYSIA
BOARD OF ARCHITECTS MALAYSIA

02



APU Bachelor of Science (Honours) in Architecture

Programme Features & Entry Requirements



Crafting Spaces. Reshaping Lives.

Programme Features

Integration of Building Information Modelling, Architectural Identity and Sustainable Design



Programme Description

The Bachelor of Science (Honours) in Architecture is a Basic First Stage pre-professional qualification in the pathway leading to qualification as an Architect in Malaysia. The Council of Architectural Accreditation and Education Malaysia, CAAEM *(Majlis Akreditasi dan Pendidikan Senibina Malaysia, MAPS)* is the body empowered by the Board of Architects Malaysia (*Lembaga Arkitek Malaysia, LAM)* to regulate and monitor architectural education and accreditation of Architecture programmes in Malaysia. The programme aims to provide exemption from LAM Part I Examination and is the basic first stage pre-professional architectural qualification as well as meeting the professional criteria. The programme develops transferable skills that support careers in other related fields and disciplines.





"Architecture is the learned game, correct and magnificent, of forms assembled in the light."

- Le Corbusier



Career Options

- **Architectural Assistant**
- **Design Consultant**
- **Architectural Technologist**
- **Urban Designer**
- **Interior Designer**
  (with relevant experience)
- **Inspector of Works**
- **Building Information Modeler (BIM)**
- **Sustainability Consultant**
- **Project Manager**

Entry Requirements

PORTFOLIO OR INTERVIEW REQUIRED

QUALIFICATION	CONDITIONS FOR ENTRY
Sijil Tinggi Pelajaran Malaysia	Minimum Grade C in 2 subjects and a Credit pass in SPM/O-Level Mathematics or equivalent
Unified Examination Certificate	Pass with Minimum 5Bs, including Credit in Mathematics
A-Level	Minimum Grade D in 2 subjects, excluding General Paper and a Credit pass in SPM/'O' Levels Mathematics
Diploma	Pass with CGPA 2.00
Foundation	Pass with minimum CGPA 2.00

A Credit pass in Mathematics at SPM/O-Level or equivalent qualification can be waived should any other higher qualifications contain Mathematics with an equivalent/higher achievement.

Pass the Architecture Aptitude Test/ Interview as determined by the Head of School.

ENGLISH REQUIREMENTS (only applicable to International Students)

• IELTS : 5.0	• TOEFL IBT : 40	• Pearson (PTE) : 47	• MUET : Band 3.5

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 achievement 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.

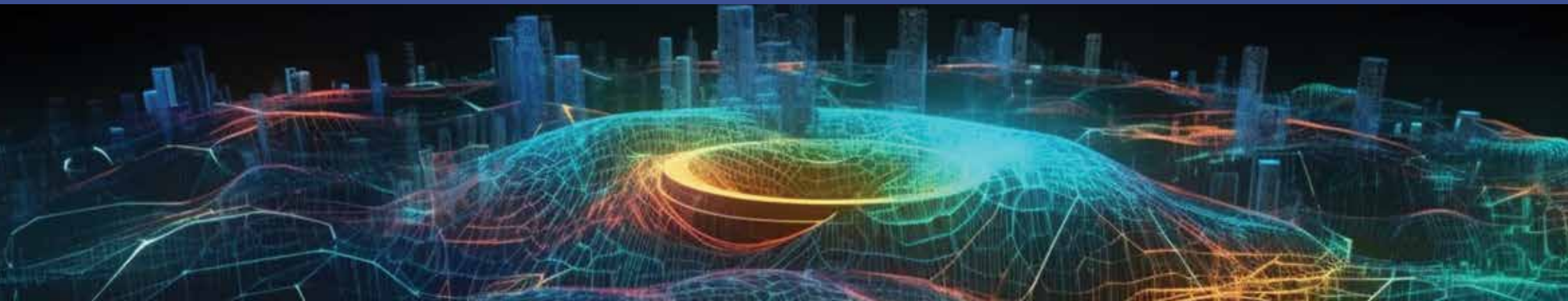
Students who are unable to obtain the required level of English Competency during the maximum 12 months' period, will not be allowed to pursue their studies in the main programme and will have to return to their home country. Students from English speaking countries and those with qualifications taught in English (IGCSE, A-Level, IB, American High School Diploma, etc) are exempted from English requirements. Applications for exemption must be accompanied by supporting documents.

Note: The above entry requirements may differ for specific programmes based on the latest programme standards published by Malaysian Qualifications Agency (MQA).

03

APU Bachelor of Science (Honours) in Architecture

Programme Philosophy + Module Features





Design Like a Master.



"If the architecture is any good, a person who looks and listens will feel its good effects without noticing."

- Carlo Scarpa

Programme Aims and Objective

The Bachelor of Science (Honours) in Architecture aims to offer students an outstanding education of comprehensive knowledge of discipline areas; deep understanding of individual components, concepts, and theories; skills in applying methods within a discipline; and the competencies required to apply knowledge both in studies and in practice.

The programme is design-oriented and will help students develop the design and complementary skills expected in an innovative architecture programme. Students learn how to use resources, materials and computer technologies as well as acquire a good understanding of architectural history, construction technology and architectural practice to contribute to the improvement of the built environment.

The Bachelor of Science (Honours) in Architecture is a multidisciplinary programme that aims to train students to be specialised in architectural knowledge and to possess a diverse set of transferable skills in visual and spatial literacy; ethics and practice; critical and cultural thinking; climate literacy and regenerative design; design for all, and progressive professionalism; for the development of sustainable designs towards ensuring a healthy environment for future generations.



The programme aims to provide exemption from LAM Part I Examination and is the basic first stage pre-professional architectural qualification. As well as meeting the professional criteria, the programme develops transferable skills that support careers in other related fields and disciplines.



The overall aim of the Bachelor of Science (Honours) in Architecture programme is to produce graduates with skills that will help in the development of the country and enable them to progress to their professional careers in Architecture.

Objectives and Learning Outcomes of Architectural Design Studios

The objectives of the Architectural Design Studios are to:

- Engage inquiry-based learning within the design studio through the process of research, analysis and synthesis;
- Develop students' conceptual thinking of architectural design as a response to the design brief;
- Develop analytical and problem-solving skills through increasing complexities of a design work which synthesises issues relating to the site context, human needs, societies/communities, environment, technology and practice;
- Provide a studio context for teamwork, leadership, time management and communication skills;
- Provide a context for application and integration of different issues relating to environment, technology, cultural context and practice.

Upon completion of the Architectural Design Studio modules, students should be able to demonstrate coherent architectural designs that integrate knowledge of:

- The ways that analysis, research, context, budget, preparation and development of a brief inform a design proposal;
- The regulatory frameworks, and health and safety considerations that guide design and building construction;
- Architectural histories and theories, of physical, artistic and cultural contexts, and their use in informing the design process.

Students should also acquire transferrable or generic skills as follows:

- Communicate effectively using appropriate methods, to a range of audiences with different levels of knowledge/expertise;
- Work in ways which draw on critical reflection of one's own and others' roles and responsibilities;
- Work as a member of a group;
- Manage time and work to meet deadlines;
- Produce and compile own output for scheduled presentations during all stages of design;
- Organise, synthesise and present information effectively.

Programme Philosophy

APU's Bachelor of Science (Honours) in Architecture is a practice-based course engaged with the material world, wherein students produce objects or spaces of experience. In doing so, the programme challenges the idea that students' work at an architecture school can only be a representation of architecture. The programme is a spatial practice that generates works that are independent, final products that could be called a work of architecture even though they are not buildings. The students' works can take on various material and immaterial forms.



Spatial design learning is based around a sequence of design projects which increase in complexity as the programme progresses. As students move through the programme, the outcomes of design project assignments become less defined, thereby engendering a more collaborative learning space. Design project assignments are supported by design conversations formally structured around design tutorials. Typically, these are provided each week within the 'studio day', which is typically a full day of learning and teaching involving tutorials in small groups or 1:1 sessions, seminar discussions, workshops and learning tasks. The use of different learning-teaching formats during studio days varies from week to week depending upon the requirements of an assignment at the particular time.

The architectural design studios are given a theme so the students can immerse into the teaching and learning. Themes enrich the educational experience by providing structure, relevance, and inspiration to the architectural design process. The studio within each semester are given the following themes:

SEMESTER 1

Exploring and Experiencing Architecture

SEMESTER 2

Creating and Writing Architecture

SEMESTER 3

Exploring and Practicing Ethical Design

SEMESTER 4

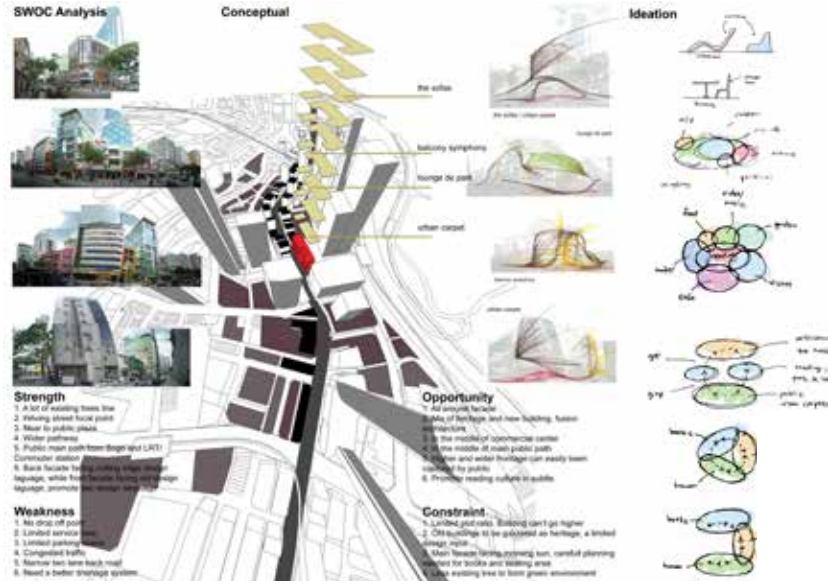
Exploring and Applying Climate Literacy

SEMESTER 5

Design Enquiry and Strategy

SEMESTER 6

Design Synthesis and Resolution



Thematic Design Studio

Attaching a theme to an architectural design studio programme provides focus and direction, guiding participants in their creative process and encouraging an in-depth exploration of specific ideas. It ensures cohesion and unity among projects, resulting in a more meaningful and coherent body of work. Themes inspire creativity by offering a starting point for ideas and challenging participants to explore innovative solutions. They also facilitate contextual learning by relating to current architectural trends, social issues, or historical contexts, allowing participants to engage with real-world problems. Additionally, themes help develop specific skills and knowledge relevant to the given context, provide a basis for assessment and evaluation, and make the design process more engaging and motivating.

“As an Architect, you design for the present, with an awareness of the past, for a future which is essentially unknown.”

- Norman Foster

Our architecture programme is designed to provide a balanced and comprehensive education by categorising modules into different streams. This structure ensures that students receive in-depth knowledge and skills across all essential areas of architectural practice.

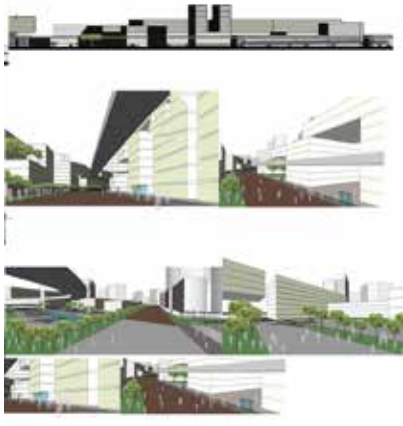
"Yes is more."

- Bjarke Ingels









Programmes and Module Features

Building Information Modelling (BIM) for Design, Communication & Management Practice and Law

Good design is a combination of architectural knowledge and the execution of the work. Besides strengthening the graduates with basic knowledge of manual sketching and drawing, we embed the programme with BIM, a revolutionary approach that integrates design, construction, and management processes. With BIM technology, students will look at architecture not only in three dimensions, but to see it beyond completion (4D) and through ongoing building maintenance and management (5D), enabling them to create detailed and accurate digital representations of buildings and asset management. This proficiency not only enhances design efficiency but also fosters collaborative workflows and improves project outcomes for future practice and contract management. By mastering BIM, our graduates will be prepared to lead in an increasingly digital and interconnected landscape that covers the wide scope of contempraory architectural practice.

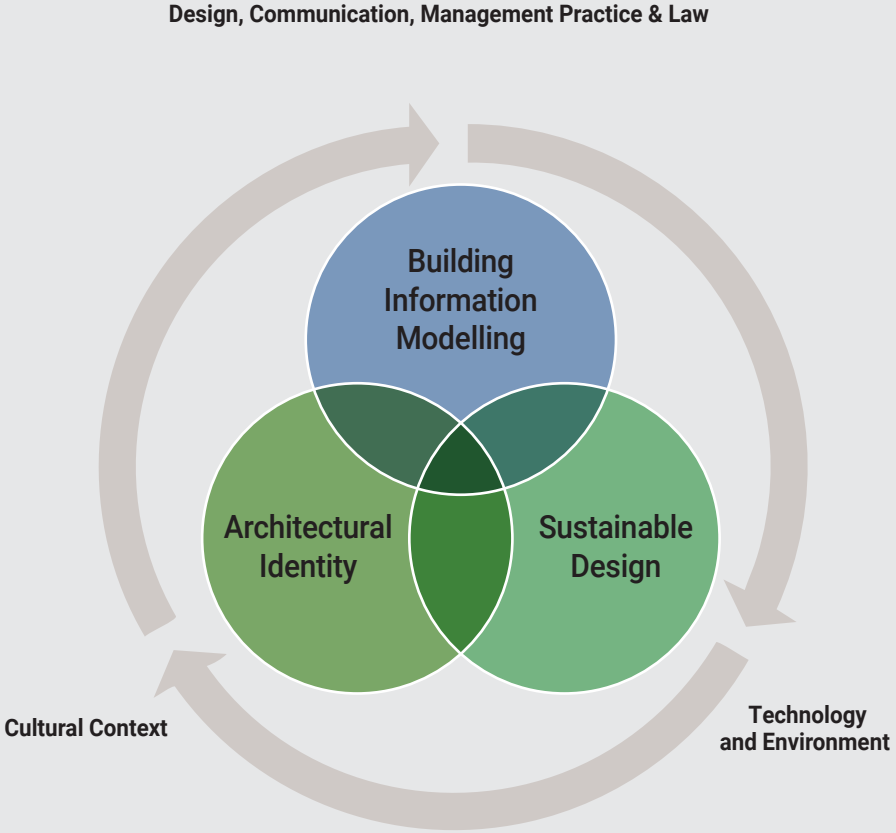
Architectural Identity (AI) for Cultural Context

We believe that architecture is a powerful expression of cultural, historical, and social identities. Our programme encourages students to explore and celebrate architectural identity through a deep understanding of context, heritage, and innovation. By engaging with diverse architectural traditions and contemporary practices, students will learn to create designs that are both contextually relevant and forward-thinking. This holistic approach ensures that our graduates can contribute meaningfully to the built environment, preserving and enriching the cultural fabric of communities.

Sustainable Design (SD) for Technology and Environment

Sustainability is a fundamental principle that underpins our architectural education. We are committed to fostering a design philosophy that prioritise environmental stewardship, energy efficiency, and resource conservation. Through coursework and hands-on projects, students will explore sustainable design strategies and technologies that minimise environmental impact and promote resilience. Our graduates will be equipped with the knowledge and skills to create buildings that not only meet the needs of today but also anticipate the challenges of tomorrow, contributing to a sustainable and equitable future.

The Bachelor of Science (Honours) in Architecture programme is a comprehensive and forward-thinking course of study that integrates BIM, architectural identity, and sustainable design. Our graduates will emerge as innovative and responsible architects, capable of shaping the future of the built environment with creativity, integrity, and a profound respect for both people and the planet.



The programme attributes for the next generation of Graduate Architects

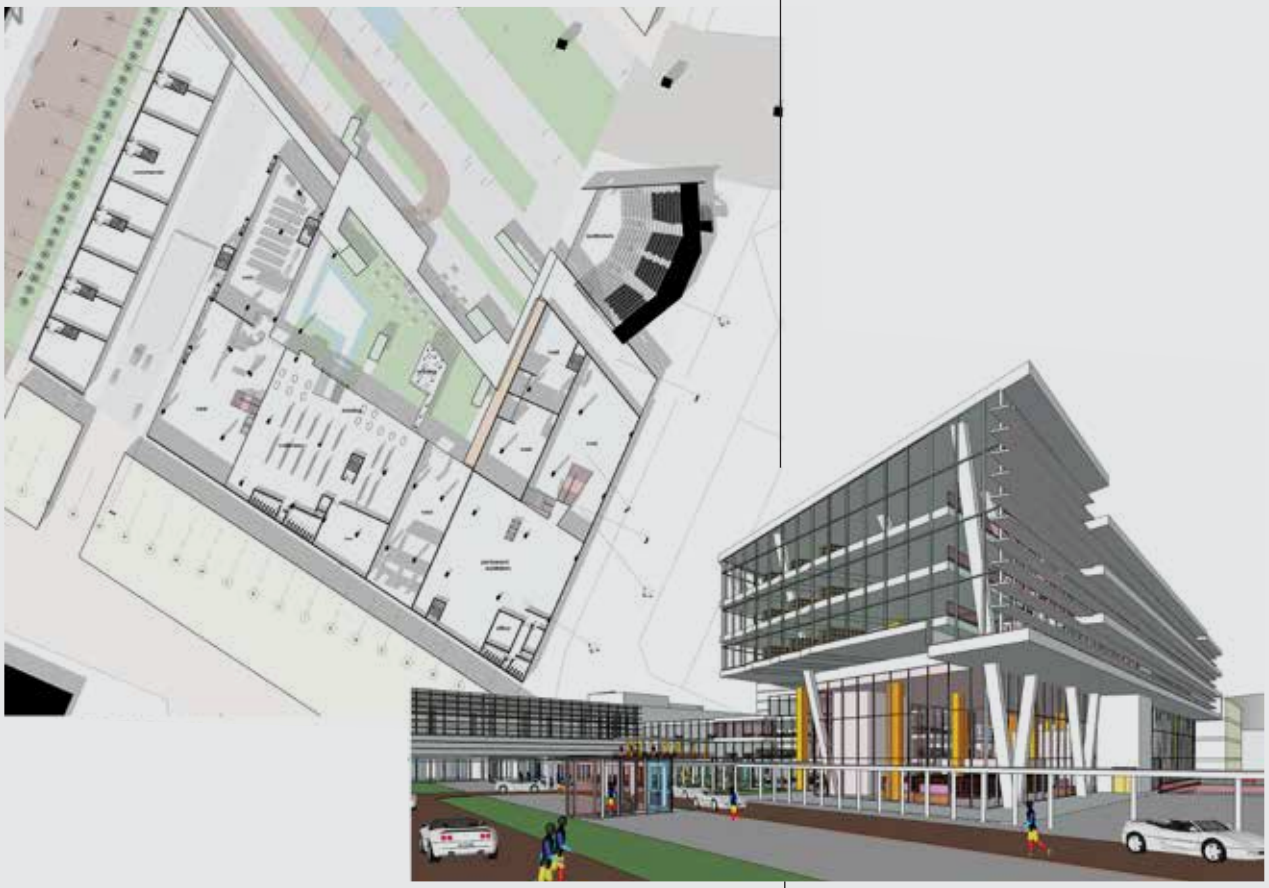
"Architecture should speak of its time and place, but yearn for timelessness."

- Frank Gehry



Programme Approach

APU's Bachelor of Science (Honours) in Architecture is a practice-based programme deeply engaged with the material world, where students create objects or spaces of experience. This approach challenges the notion that students' work in architecture school is merely a representation of architecture. Instead, the programme establishes a spatial practice that produces works considered independent final products—true works of architecture, even if they are not finished buildings. Student work can take on various material and immaterial forms, showcasing the diverse nature of architectural practice.



Programme Content: Descriptions and Features of Module Streams

The curriculum has five areas of study known as Module Streams, each with their distinctive features:

Module Stream 1: Design

Description: Students will study Design and Design Skills, areas that are most important in the practice and life of an architect. The ability to design is a skill that will benefit the individual and the society and nation. Design endeavours to devise solutions to problems and ease humankind's efforts that hinder progress and quest for a better life for current and future generations.

Features:

i. Students integrate knowledge and skills gained from the other module streams into their design work.
ii. Interim reviews are conducted as "butter paper" days to encourage use of hand sketches in the design process.
iii. Students produce working drawings to demonstrate their construction competency with Building Information Modelling (BIM) software.
iv Students learn current practices and trends through exposure to professional practitioners during class and review sessions.
v. Students compile design portfolios to demonstrate their thought process.

Module Stream 2: Technology and Environmental Studies

Description: Students will undertake Technical Studies, setting their sights on the wondrous achievements of humankind in our ability to produce the wonders of the world, monuments and landmarks that speak of a country's aspirations and achievements, to find solutions to imposing construction constraints while always stretching the limits of material capabilities and discover new materials that will allow new construction systems and technologies to emerge. Students will also undertake Environmental Studies, pertinent in the current age of environmental protection and conservation, to design buildings that respond to nature and the natural surroundings to complement existing conditions without altering or destroying our natural

Features:

i. Students learn construction, technology and sustainable design through site visits, sketching, model-making, workshop, practitioner's talks, etc.
ii. The knowledge gained provides opportunities for students to experiment and understand the relationship between design and construction, technology and structure.
iii. Students undertake hands-on and experimental projects such as lab work, research and competitions to allow them to experiment and understand the relationship between design and climate, sustainability and the environment.

Module Stream 3: Cultural Context / Humanities

Description: Students will undertake Cultural, Artistic and Social Studies, in the areas of art, architectural theories and historical studies. The basis of design stems from an appreciation and understanding of culture and history. Lessons from the past are still applicable today and reminders of the greatness that humankind can achieve.

Features:

i. Students use precedent studies as part of the design process.
ii. Students participate in projects that contribute to the well-being of society.
iii. Students learn current scenarios in architectural practices, through studies and investigation of places and architectural forms.
iv Students build understanding in architectural identity to foster design that is responsive not only in site context, but culturally too.
v. Students are involved in coordination and management of public events, i.e., seminars, symposia and study excursions.

Module Stream 4: Communications

Description: Students will gain Communication and Documentation skills, essential practical skills for studio and practice in the areas of drawing, visualisation, computing and video graphics.

Features:

i. Students learn to compose orthographic architectural drawings.
ii. Students develop observation skills, sketching and rendering techniques.
iii. Students learn innovative presentation techniques, both manual and digital, especially in BIM and AI.
iv Students are aware of the differences between the quantity of drawings produced and the quality of communication of drawings.
v. Students are taught the fundamentals of photography, video making and video editing.
vi. Students learn multimedia techniques of incorporating still drawings into digital media and incorporating music to enhance presentations.

Module Stream 5: Management Practice and Law

Description: Students will learn Professional Studies, to equip them with the skills, attitude and knowledge required to practice in the industry.

Features:

i. Students learn industry -standard documentation methods - drawings and written reports.
ii. Students experience teamwork and collaborative learning.
iii. Students learn about other professions in the construction industry that complement architecture.
iv Students visit architectural firms to understand and immerse themselves in practice.
v. Students study the commercial viability of their designs via integration of studio learning and project management.

school of
architecture and
built environment

"Architecture is the stage on which we live our lives."

- Mariam Kamara

Our architecture programme encourages a spirit of enquiry to advance knowledge through rigorous, exploratory and playful processes. Throughout the curriculum, projects and modules have been designed to foreground ‘design enquiry’ and ‘explorative process’ leading to a resolved and synthesised architectural language.

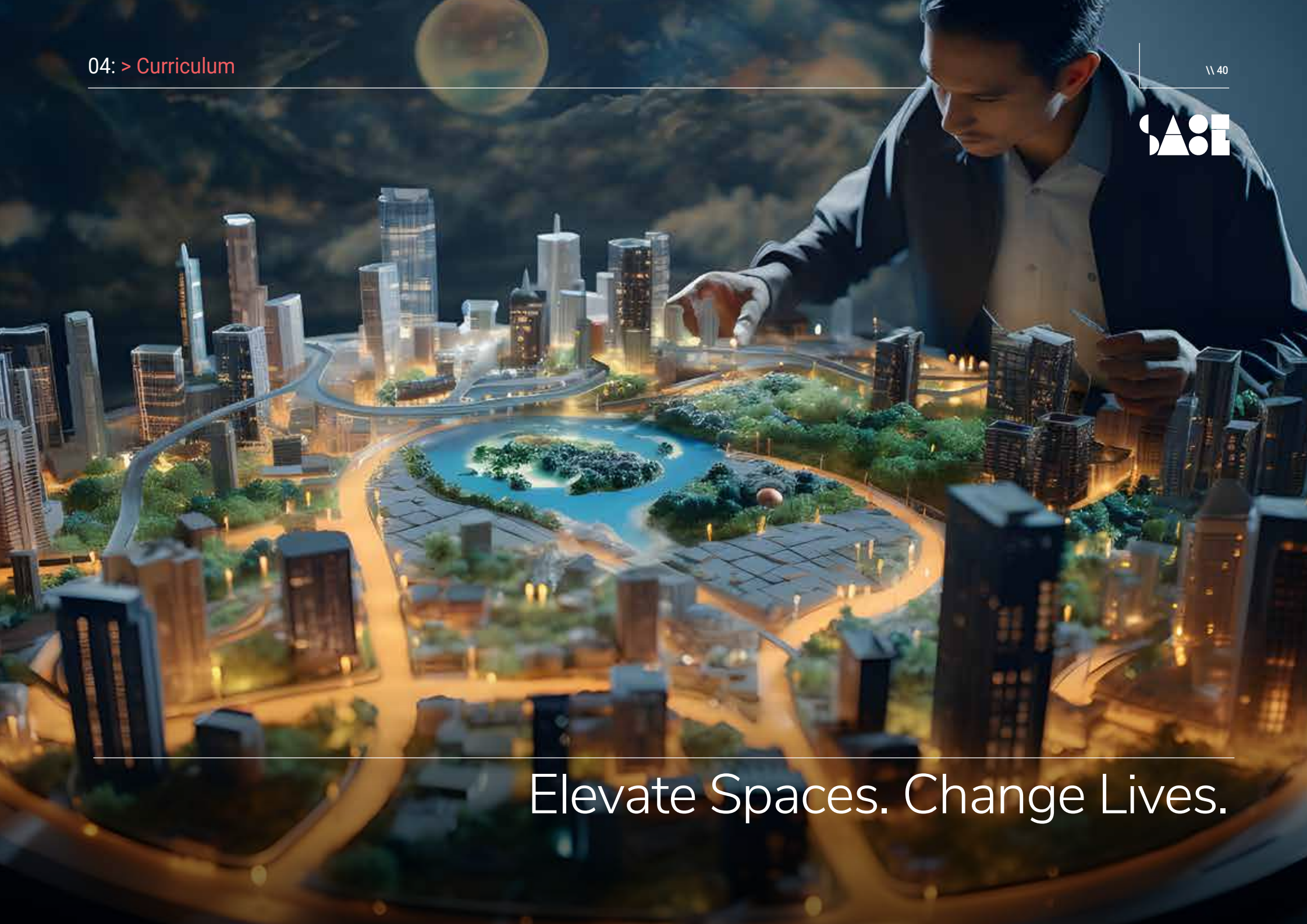
The objective is to assist students to develop their own visual language, one that is formed of both spatial and material sophistication. As this will be a new way of thinking for many students who may not necessarily have a design or arts background, all design briefs will be written to scaffold students’ learning through design-led stepping stones. The objective is for students to avoid producing a building as an object that is believed to be ‘the’ answer that solves ‘the’ problem. Instead, we aim for students to leave APU with an enquiry-led approach to architectural design with the skills to tackle complex problems and synthesise complex ideas to produce critical work that is relevant to current global conditions and needs.

04

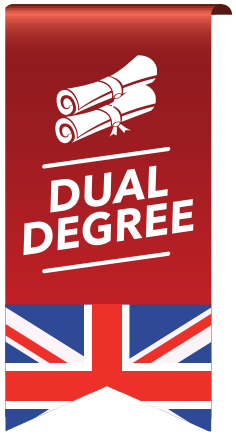
APU — Bachelor of Science (Honours) in Architecture

Curriculum





Elevate Spaces. Change Lives.



Curriculum Content and Structure (Duration: 3 years)

The Bachelor of Science (Honours) in Architecture programme comprises 120 credits. Each semester has 14 teaching weeks, then 3 weeks for marking, self-study/ peer-to-peer learning/school enhancement projects, i.e., things to work on to reflect backwards and feed forward for following projects. The following tables show the modules within the 3 year programme.

MODULE STREAMS AND CREDIT HOURS

Core: Shaded / Electives: Non-shaded

DESIGN	TECHNOLOGY	HUMANITIES	COMMUNICATION	PRACTICE
Architectural Design Studio 1 **Credit: 10**	Construction Technology **Credit: 4**	Architectural History and Theory **Credit: 4**	Architectural Representation **Credit: 4**	Professional Practice **Credit: 5**
Architectural Design Studio 2 **Credit: 10**	Integrated Technology **Credit: 4**	Critical and Cultural Studies **Credit: 4**	Digital Architecture **Credit: 4**	Project Management and Innovation **Credit: 4**
Architectural Design Studio 3 **Credit: 10**	Energy and Building **Credit: 4**	Contextualising Architectural Humanities **Credit: 4**		
Architectural Design Studio 4 **Credit: 10**	Environment and Behaviour **Credit: 4**			
Architectural Design Studio 5 **Credit: 10**	Critical Building Analysis **Credit: 5**			
Architectural Design Studio 6 **Credit: 10**				
Credit: 60 (50%)	**Credit: 21 (18%)**	**Credit: 12 (10%)**	**Credit: 8 (6%)**	**Credit: 9 (7%)**

Credit Values and Percentages of Total Credit Value

Core Modules (shaded in grey)	85 (71%)
Elective Modules	25 (21%)
MPU Modules	10 (8%)
Total Credit Hours	120

Bachelor of Science (Honours) in Architecture: Year 1

Year 1

Architectural Design Studio 1: Exploring and Experiencing Design and Architecture

The aim of Architectural Design Studio 1 is to initiate exploratory thinking and creative capacities in beginning students through spatial explorations, particularly focused on the relationship between the body and interior spaces. Understanding of space, material, organisation, and composition are explored through topics of proportion, ergonomics, scale, and circulation, framed around specific methodologies of craftsmanship, tools, materials, and representation in both 2D and 3D.

Year 1

Architectural Design Studio 2: Creating and Writing Architecture

Architectural Design Studio 2 will be a student's first architectural proposal responding to both existing sites and specific users that encapsulates modern and current architectural history, theory and practice with a particular focus on architectural tectonics, theories of experience and time-based architectures. Students will evolve a design enquiry from idea to strategy to architectural proposal for a small sized, modestly detailed design proposal that responds to people's needs and use of place. Students will learn to interpret writings and buildings, to develop their reading and writing skills, and to make use of the fundamental conventions of academic writing.

Year 1: Semester 1

Code	Module	Pre-requisite	Classification	Credit Value
AR001-10-1	Architectural Design Studio 1	None	Core	10
AR002-4-1	Architectural Representation	None	Core	4
AR003-4-1	Architectural History and Theory	None	Core	4
MPU 3112 or 3122	Appreciation of Ethics and Civilisation / Bahasa Melayu Komunikasi 2	None	MQA Compulsory	2
				20

Year 1: Semester 2

Code	Module	Pre-requisite	Classification	Credit Value
AR004-10-1	Architectural Design Studio 2	AR001-10-1	Core	10
AR005-4-1	Construction Technology	None	Core	4
AR006-4-1	Digital Architecture	AR002-4-1	Elective	4
MPU 3352	Integrity and Anti-Corruption Course	None	MQA Compulsory	2
				20





Bachelor of Science (Honours) in Architecture: Year 2

Year 2

Architectural Design Studio 3: Exploring and Practicing Ethical Design

The aim of this module is for students to design a medium sized, moderately detailed architectural spatial and tectonic proposition in response to contingencies and questions of ethical response, namely the needs and aspirations of building users and other stakeholders, accessibility, health and life safety and the relation to an urban context. This module will introduce urban design studies and the relationship between buildings and the surroundings for relevant and contemporary responses to an urban condition and local planning legislation. Students will be encouraged to develop ethical professional behaviours through participation with tutors, peers and other stakeholders in a collaborative studio practice mode to collectively produce work and taking an increasingly active role in framing their individual design works, in terms of approach, scope, brief, scale and media.

Year 2

Architectural Design Studio 4: Exploring and Applying Climate Literacy

The aim of this module is for students to design a medium sized, moderately detailed architectural spatial and tectonic proposition to show compliance with aspects of the Green Building Index (GBI) and the principles of landscape architecture. Students will demonstrate both an ability to outline strategies in responding to technical and environmental issues of landscape architecture and user requirements through the lens of a climate literacy toolkit, and to resolve their spatial proposal at a scale (1:50) to reveal how tectonic choices and structural techniques enhance and expand the architectural idea and respond to local climatic conditions.

Year 2: Semester 3

Code	Module	Pre-requisite	Classification	Credit Value
AR001-10-2	Architectural Design Studio 3	AR004-10-1	Core	10
AR002-4-2	Integrated Technology	AR005-4-1	Core	4
AR003-4-2	Critical and Cultural Studies	AR003-4-1	Elective	4
MPU 3132	Philosophy and Current Issues	None	MQA Compulsory	2
				20

Year 2: Semester 4

Code	Module	Pre-requisite	Classification	Credit Value
AR004-10-2	Architectural Design Studio 4	AR001-10-2	Core	10
AR005-4-2	Environment and Behaviour	None	Elective	4
AR006-4-2	Energy and Building	AR002-4-2	Core	4
MPU 3212	Workplace Professional Skills	None	MQA Compulsory	2
				20



Bachelor of Science (Honours) in Architecture: Year 3

Year 3

Architectural Design Studio 5: Design Enquiry and Proposition

The aim of the Architectural Design Studio 5 (ADS5) is to teach students the strategies and principles of legislation surrounding fire safety, health and life safety, construction design and management and post-occupancy matters. Students will also be taught evaluation tools for predicting and monitoring building performance.

Year 3

Architectural Design Studio 6: Design Synthesis and Resolution

Architectural Design Studio 6 (ADS6) builds on prior knowledge and abilities gained in Architectural Design Studios regarding design exploration, experience, creation, writing, ethics and climate literacies to integrate aspects of technical, environmental and professional practice decisions with the design process, synthesis and resolution to produce a medium to large sized architectural spatial and tectonic proposition for a specific site. The ancillary aim of this module is for the students to develop a detailed design of a major element of their final design project, evidenced by a sectional drawing or model, to represent the integration of material choice and assembly, construction systems, environmental and structural considerations and the impact on and from human use. The module concludes at the Degree Exhibition, where students will apply professional behaviours and skills to collectively design, produce, brand and curate all Final Architectural Design Studio works.

Year 3: Semester 5

Code	Module	Pre-requisite	Classification	Credit Value
AR001-10-3	Architectural Design Studio 5	AR004-10-2	Core	10
AR002-4-3	Contextualising Architectural Humanities	AR003-4-2	Elective	4
AR003-4-3	Project Management and Innovation	None	Elective	4
MPU 3412	Co-Curricular 2	None	MQA Compulsory	2
				20

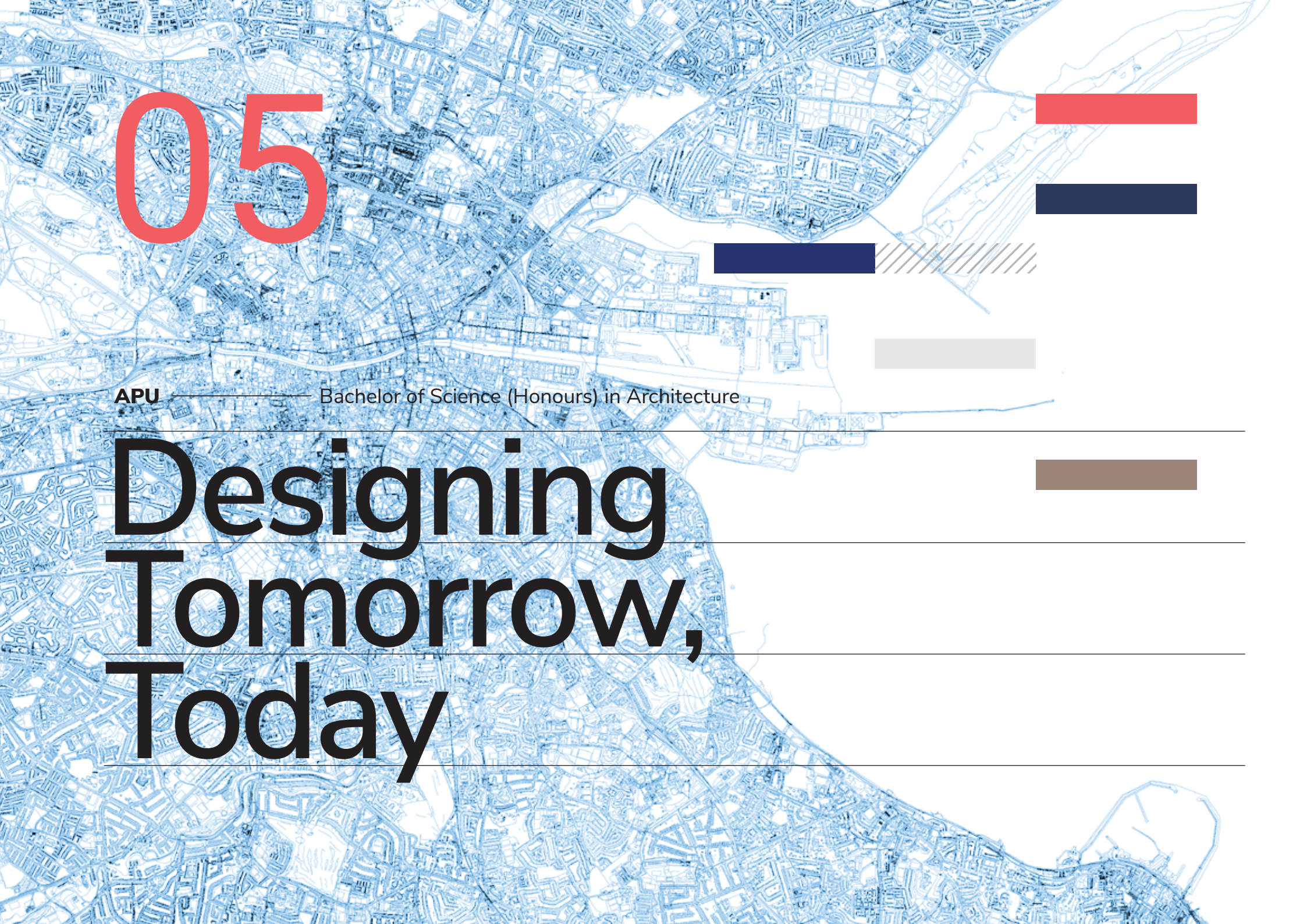
Year 3: Semester 6

Code	Module	Pre-requisite	Classification	Credit Value
AR004-10-3	Architectural Design Studio 6	AR001-10-3	Core	10
AR005-5-3	Critical Building Analysis	None	Elective	5
AR006-5-3	Professional Practice	None	Core	5
				20

Total Credits for Bachelor of Science (Honours) in Architecture	**120**







05

APU — Bachelor of Science (Honours) in Architecture

Designing Tomorrow, Today



Architecture without Limits.

The Art and Science of Designing and Making Buildings



Next Generation of Graduate Architects

The School of Architecture & Built Environment is dedicated to cultivating the next generation of graduate architects who are proficient in designing not only through hand sketches but to master Building Information Modelling (BIM), deeply rooted in architectural identity, and committed to sustainable design.

Our curriculum is designed to align with government and industry blueprints especially with the National Architectural Education Roadmap 2030 *(Hala Tuju Pendidikan Senibina Negara 2030 - HTPSN 2030)* as the core inspiration while supported by other blueprints such as National Fourth Industrial Revolution (4IR) Policy, CIDB's Construction 4.0 Strategic Plan, and National Industry ESG Framework to equip students with the creative vision, technical skills, and ethical grounding necessary to address contemporary architectural challenges and opportunities. This is to make sure students cover all aspects of architectural knowledge and skills in Design, Technology and Environment, Cultural Context, Communications, & Management Practice and Law.

1. **A curriculum embracing borderless learning and cross-cultures.**
2. **A curriculum focusing on graduate attributes.**
3. **Collaboration and sharing of expertise and resources with industry to strengthen architecture education's teaching and learning towards service-learning initiatives.**
4. **A value-driven based architecture curriculum.**
5. **A curriculum fostering entrepreneurial ecosystems based on technology and innovation to instill entrepreneurial values in graduates.**
6. **A curriculum characterized by architectural identity and sustainability.**
7. **Integrated and immersive learning experiences incorporating the latest digital technologies in line with Industry 4.0, including exposure and application of Building Information Modelling (BIM), to prepare digitally skilled graduates.**
8. **Student-centered and lifelong learning.**
9. **A curriculum with specialization and multidisciplinary elements aiming to produce well-diversified graduates.**

National Architectural Education Roadmap 2030



The National Architectural Education Roadmap 2030 inspires to create curriculum that is relevant today and the future as well as integrates cutting-edge digital technologies into the curriculum that are aligned with Industry 4.0, fostering collaboration with industry partners to enhance learning and teaching. It also promotes a value-driven approach, incorporating local wisdom and sustainability principles, ensuring graduates are proficient in digital tools, culturally aware, and committed to sustainable practices. This then emphasises into our programme with three main attributes crucial for the advancement of the graduates: Building Information Modelling (BIM), Architectural Identity, and Sustainable Development.



Realise the Power of Architecture.



Award-Winning University

268 Awards
at Local, Regional and International Levels in 2025

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







Recent Awards

James Dyson Award Malaysia
– National Champion

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

For more awards listing, please visit APU website.