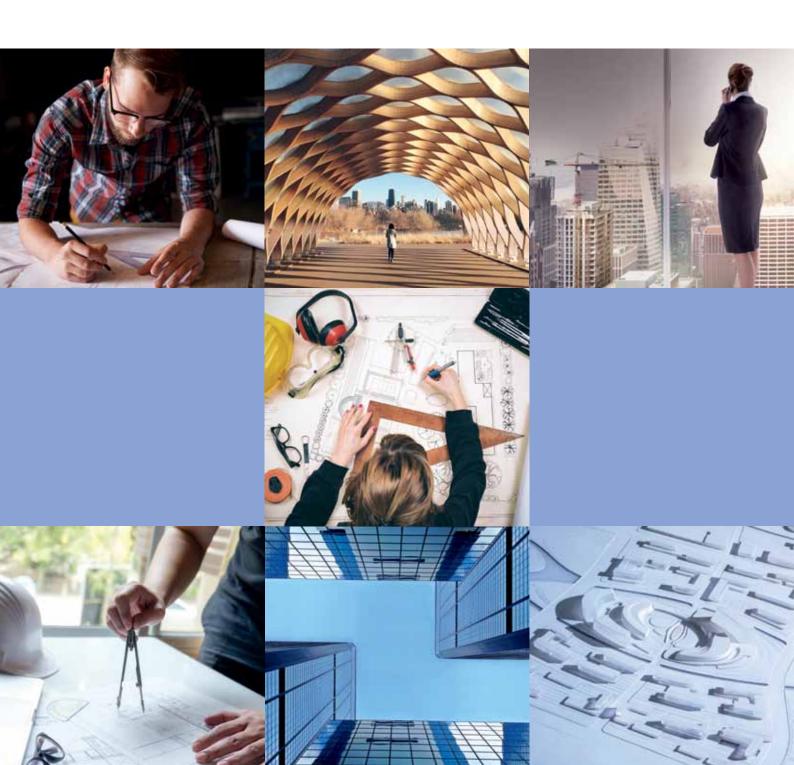


## ARCHITECTURE, BUILDING & DESIGN



## Taylor's University

Established since 1969, we are a world-class university which has provided our students with a global-standard education experience through our well-equipped campus, up-to-date facilities, strong industry linkages and partnerships with leading universities worldwide.

Students can enrol in foundation, diploma, degree, postgraduate and professional programmes encompassing various fields, such as American Degree Transfer Program, Architecture, Biomedical Science, Biotechnology, Business, Communication, Computing & IT, Design, Education, Engineering, Food Science with Nutrition, Hospitality, Tourism & Culinary Arts, Law, Medicine, Pharmacy, Psychology, and Quantity Surveying.

With an alumni of over 70,000 graduates, we continue to play a strong role in developing Malaysia's human resource capital. Our strong network of alumni have become leaders in their respective fields throughout the country, and around the world.



## **Awards**

QS Stars Rated Excellence & University Ranking By Region





\*Among non-GLC linked private universities



#### Putra Brand Gold Awards





Performance Rating by Ministry of Education





Reader's Digest Trusted Brand Gold Awards



2011 - 2016

### 2016

- Top 200 universities in Asia in the QS Asia Ranking
- Awarded 5-Star rating in five (5) categories of the QS Stars Rating
- Gold Award in the 'Education & Learning' category for the 7<sup>th</sup> consecutive year in *Putra Brand Awards*
- Gold Award in the 'Private University/College' category for the 6<sup>th</sup> consecutive year in the annual *Reader's Digest Trusted Brands Award*

### 2015

- Top 250 universities in Asia in the QS Asia Ranking
- Awarded 5-Star rating in four (4) categories of the QS Stars Rating
- · Gold Award in the 'Education & Learning' category of the Putra Brand Awards
- Gold Award in the 'Private University/College' category of the Reader's Digest Trusted Brands Award
- Became the first university outside the United States to be accepted into the Grand
   Challenge Scholars Program, championed by National Academy of Engineering (NAE)

### 2014

- 'Tier 5: Excellent' rating in the Malaysian Ministry of Higher Education's Rating System (SETARA) 2013
- · Gold Award in the 'Education & Learning' category of the Putra Brand Awards
- Gold Award in the 'Private University/College' category of the Reader's Digest Trusted Brands Award
- Winner in the 'Most Resourceful Career Centre Private University' category of the Graduate Recruitment Awards 2014

# Vice Chancellor and President's Message

Taylor's University is a world-class international university which aims to provide its students with outstanding teaching and cutting edge learning facilities.



Our objective is to produce successful graduates who are first choice for leading employers. We also help our students to graduate with the ambition and entrepreneurial skills to establish their own successful businesses. Work experience gained through internship is an integral part of many of our programmes.

Taylor's University has a strong international outlook based on its international faculty and students which come from all parts of the world. The international community at Taylor's is something the University is proud of and intends to continue to develop in order to ensure that our graduates are prepared for the modern international workplace.

Research and enterprise are rising ever higher on the Taylor's University agenda. Developing international-class research and expertise will further raise the reputation and standing of the University and the valve of the degrees held by new graduates and alumni.

If you are thinking of becoming a student at Taylor's University, my colleagues look forward to answering any question you may have and we look forward to your visit to our Lakeside Campus in Subang Jaya.

Sincerely, Professor Michael Driscoll Vice Chancellor and President of Taylor's University

# Research & Innovation

Taylor's University has a firm footing in research and innovation as we believe these efforts can contribute towards knowledge building as well as assist in the development of the industry and society at large. As a University centred on research and innovation initiatives, we adopt a progressive outlook, embedding research components throughout our programmes and encouraging them at various levels in each faculty. Our students and faculty members engage extensively in "applied research", which enhances the body of knowledge and creates a direct impact on real world applications. All academic staff appointed at the degree level actively undertake research within the institution or in collaboration with industries or universities, either foreign or local. This research work shapes the creation and dissemination of new knowledge, feeding into the practical application of that knowledge, and ultimately informs and enhances teaching at Taylor's.

Our Research Centres play a crucial role in elevating the capabilities of our faculty members, through various training activities.



Law (CRELDA)



Business (CAFÉ)



Business (Case & Research Centre)



Communication (SEARCH)



Centre for Engineering Research and Development

Engineering (CERD)



Architecture, Building & Design (MASSA)



Hospitality, Tourism & Culinary Arts (CRIT)



# Teaching and Learning Support



TED complements the work of academic staff to create excellence in teaching through practice, development, and innovation. We offer workshops and seminars that address a range of timely topics associated with teaching, learning and technology in higher education to enhance teaching capability and learning engagement.



SSC Student Success Centre

The Student Success Centre (SSC) assists students as they adjust to university studies. SSC offers intervention for students via a blend of workshops, personalised 1-2-1 consultations and peer support services to provide learning opportunities throughout the students' journey towards academic success.





The name 'academy' reflects our core purpose as a unit which primarily promotes 'learning how to teach with technology'. Hence, eLA's task is to help our academic staff effectively and meaningfully implement the use of technology in transforming the learning journey of the students, and hence enable them to learn in a collaborative, self-directed and personalized manner, anytime and anywhere.





SAC spearheads Taylor's University's commitment to holistic education by providing a platform for students to obtain formal recognition for their extracurricular involvement through the 2nd Transcript and the SHINE Award. Besides running workshops to equip students with soft skills that will prepare them for the workplace, SAC also creates opportunities for students to engage in experiential activities outside of the classroom.



# Why Architecture, Building and Design at Taylor's?

Strongly anchored in the philosophies of sustainable design and a people-centred approach, we ensure that our graduates are in touch with current trends and well-equipped to embrace the challenges of the future. We also endeavour to instil in them a desire to continuously improve the quality of the environment for individuals and the community at large, by challenging them to think analytically, plan wisely, design imaginatively and build efficiently.



## 1. PROFESSIONAL RECOGNITION

Our Architecture and Quantity Surveying degrees are accredited by local and international professional boards that raise the bar of our graduates and ensure that they meet international industry standards.



### 2. EXTENSIVE EXPOSURE

Students are exposed to real life scenarios and industry-relevant experiences designed to bring out the best in professional practice. Our students attend site visits, field trips, technical visits, participate in professional network annual gatherings and travel to destinations around the world during Activity Week to expand their scope of cultures, languages, design ideas and construction techniques.



### 3. LEVERAGED NETWORKING

Our extensive academic links and industry network provide opportunities for collaboration in teaching, learning, research and student mobility. The programme, which is benchmarked against the industry's best practices, arms students with knowledge, skills and capabilities to succeed as professional Architects and Quantity Surveyors of the future.

## Professional Recognition

Our architecture programmes are accredited by the Board of Architects Malaysia, or Lembaga Arkitek Malaysia (LAM), making us the first private university with this recognition. Our programme meets the requirements of LAM, ensuring that graduates are eligible for an exemption from the LAM Part 1 Examination, easing their pathway to becoming Graduate Architects with the board.

The Quantity Surveying (QS) programme is also acknowledged and accredited by leading international boards, including the Royal Institution of Chartered Surveyors (RICS), the Pacific Association of Quantity Surveyors (PAQS) and the Board of Quantity Surveyors Malaysia (BQSM). The RICS and PAQS accreditations place our QS graduates on par with international

standards, meeting the requirements for professional surveyors from over 140 countries. Our graduates will also gain automatic membership to BQSM upon graduation.

Our programmes meet the rigorous standards of these professional accreditation boards, due to our stringent entry requirements, comprehensive curriculum, students' work and achievements, as well as the qualified teaching faculty.

These professional recognitions enhance our students' career opportunities and ease the pathway for them to further their studies or pursue a professional qualification after they step out of university.



Glen Jonathan Muga Bachelor of Quantity Surveying (Hons)

The reason I chose to study
Quantity Surveying at
Taylor's is because of its
accreditations with BQSM,
RICS and PAQS. This is certainly
beneficial to us as QS
graduates, as it increases our
chances in securing a job
upon graduation.





#### BOARD OF ARCHITECTS MALAYSIA OR LEMBAGA ARKITEK MALAYSIA (LAM)

The Board of Architects Malaysia or Lembaga Arkitek Malaysia (LAM) is the Malaysian statutory authority responsible for the enforcement of the Architects Act. The Board has many roles and functions, one of them is to accredit architectural programmes offered in Malaysia.



## BOARD OF QUANTITY SURVEYORS MALAYSIA (BQSM)

Board of Quantity Surveyors Malaysia (BQSM) is a statutory body, governing the quantity surveying profession and promoting the growth of the quantity surveying profession through regulation and continuous professional development.



## ROYAL INSTITUTION OF CHARTERED SURVEYORS (RICS)

The Royal Institution of Chartered Surveyors (RICS) is the world's leading professional body for qualifications and standards in property, land and construction. RICS memberships offer a global passport to professional opportunities to more than 140 countries.



## PACIFIC ASSOCIATION OF QUANTITY SURVEYORS (PAQS)

The Pacific Association of Quantity Surveyors (PAQS) is an international association of national organisations representing quantity surveyors in the Asia and Western Pacific region. One of the main roles of PAQS is to promote best practices of quantity surveying in the region.

# Through awards, our students build reputations too

#### PAM Architectural Workshop 2016

1st prize – Multimedia Video (Ripple Effect)

Hiren Siva, Syafiq Deen, Arina Nadia, Philip Koh, Akmal Jamal, Ameer Farhan, Syed Aswad, Allester Shaun, Daniesh Ashik, Nazrul Kamsol, Sheryl Tan

#### PAM Architectural Workshop 2016

1st prize – Photography – Dimensionless Limit

#### The Axis Team

PAM Student Workshop Architectural Installation Competition

1st Runner-up

Masrur Akmal bin Jamal, Daniel Rosein, Ameer Farhan bin Ramlan, Daniesh Ashik Selveswaran, Jack Too Mun Fai, Gabriel Liew Chung Hooi, Philia Chua Yi Sian, Soh Yong Zhou, Raymond Tang Wei Xin, Cheah Ee Von, Chu Szi Wei



Hong Kong National Challenge Cup **Transforming Monsoon Flow:** Innovating smart-green open spaces for monsoon drains 2nd Runner-up Ben Lau Hao Shun, Ong Wei Hoow, Usen Octonio





**PAM Student Workshop Architectural Multimedia Competition** 2nd Runner-up Hirendran Sivaganam, Syed Aswad Al Jaffree bin Syed Sobri, Jolene Hor Wei Fern, Muhammad Zulkarnain bin Abdul Rahman Richard



Hong Kong National Challenge Cup Wheels of Change: Innovating ideas for smart-green bicycles 1st Runner-up and Best Poster Award Lim Yee Zhing, David Koo Mei Da





## DESIGN STUDIO SHOWCASE



Heidi Tan Jia Mei **Architectural Design Studio 3** Visitors Interpretive Centre



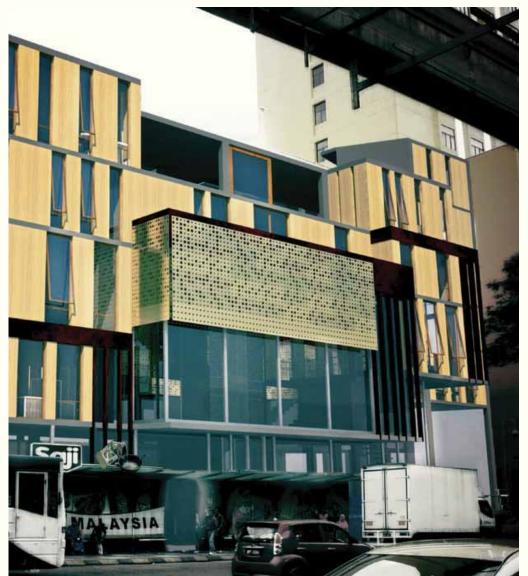
Lee Car Rol Architectural Design Studio 4 Penang Eco Retreat









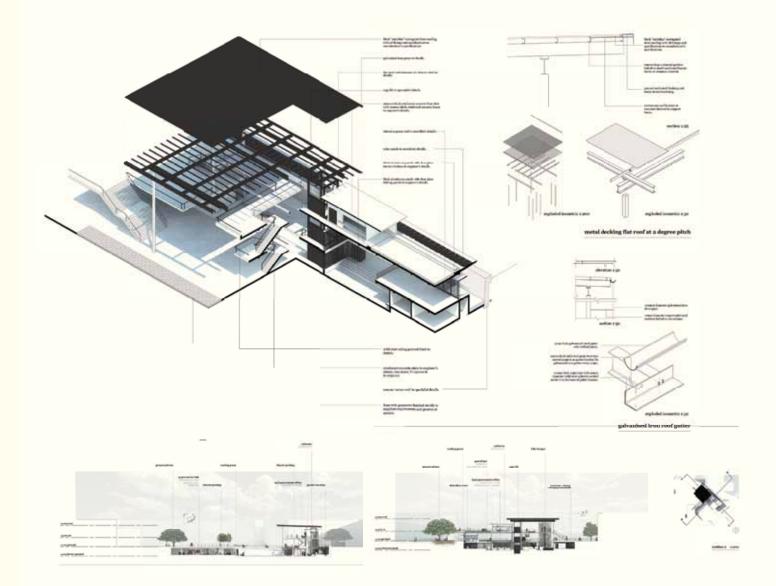




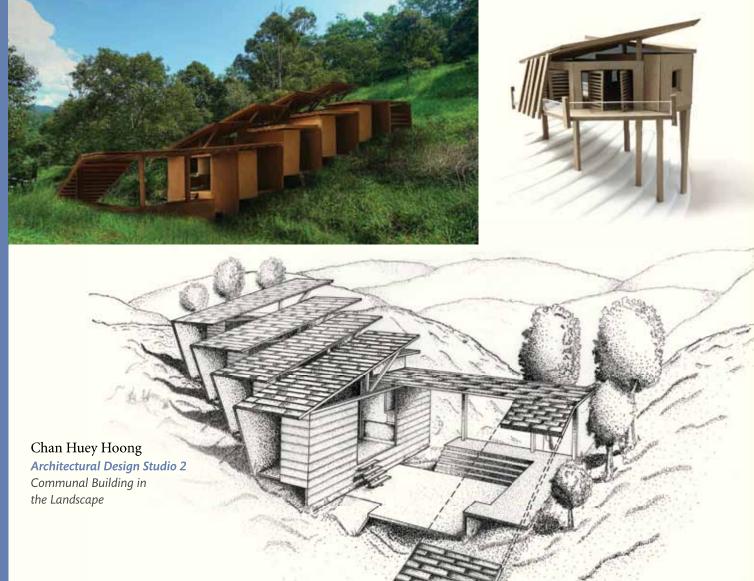


Michele Lim Chui Yee Architectural Design Studio 5 Arts Collective Jalan Tuanku Abdul Rahman























# Design functional legacies with MASSA



Established in 2005, our Modern Architecture Studies in Southeast Asia (MASSA) research centre aims to create awareness of modern architectural heritage by documenting intellectual and physical heritage of modern architecture in the region.

We intend to address the urgent need to include modern architecture as part of the architectural heritage in Southeast Asia (SEA). In one of our initiatives, students visited Kampung Cina, Kuala Terengganu, to examine the site and produce detailed drawings. These drawings were subsequently used to restore a temple to its former glory, after it was partly ruined in a fire.

Some of our other student research projects include:

- Modern Architecture Kuala Lumpur Series featuring Masjid Negara
- Muzium Negara, Stadium Negara, Stadium Chin Woo and British Council
- The Inventory of Sungai Buloh, Leprosy Settlements, Selangor
- Chapel of St. Francis Institution, Malacca
- No. 6, Hereen Street, Bandar Hilir, Malacca



Chua Wearn Hong Bachelor of Science (Hons) (Architecture)

For one of our projects, my classmates and I were required to document an actual historical building in Malacca into architectural orthographic drawings. Through this project, we gained technical knowledge on documentation of an architectural erection and also familiarised ourselves with computer applications.

## **Extensive Exposure**

Students are exposed to real life scenarios and industry-relevant experiences designed to bring out the best in professional practice.



#### Site Visits

Students participate in site visits, which teach them how to compose and analyse space, outside of their screens and textbooks.



- 01 Dive Centre, Pulau Redang
- 02 Jonker Street, Malacca
- 03 Taiping Zoo, Perak
- 04 Signal Hill Community Centre, Sabah
- 05 Egyptian Tourism, KL
- 06 Chew Jetty, Penang
- 07 Bentong, Pahang
- 08 Cameron Highlands, Pahang









#### Field Trips

Students undertake educational visits to various places of interest both locally and abroad, such as art galleries, historical sites, and factories to witness the concept of architecture and design in practice.

- 09 Bauhaus International Summer School, Dessau, Germany
- 10 London, Edinburgh & York, **United Kingdom**
- 11 Henderson Wave Bridge, Singapore
- 12 Gardens by the Bay, Singapore
- 13 Royal Selangor Visitor Centre, Selangor
- 14 Church of Our Lady of Guadalupe, Selangor
- 15 Rimbun Dahan, Selangor
- 16 Port Dickson, Negeri Sembilan
- 17 Photovoltaic (PV) System Manufacturing Factory, Pahang









#### **Technical Visits**

On-site technical visits provide the opportunity for students to understand industry construction methodologies, project management concepts, tools and techniques.

#### **Professional Networks**

Students have the opportunity to participate in annual gatherings organised by PAM, RICS and RISM, providing students networking opportunities among peers and industry experts.

## **Exposure to Creative Solutions**

We provide various platforms for students to compete, showcase and highlight their work, at national and international levels. These platforms challenge the students and enable them to benchmark their work against peers and professionals alike.

- 18 Morib Sand Castle Building Competition
- 19 Kelana-Subang Elevated Highway Link
- 20 The Pinnacle Sunway Site Visit
- 21 PAM Architecture Student Workshop
- 22 RICS-RISM International
  Undergraduate Student
  Conference
- 23 Royal Institution of Surveyors Malaysia (RISM) QS Jamboree
- 24 Hyundai Veloster Rev-It-Up Inter-College Challenge
- 25 Penang Eco Retreat Student Ideas Competition
- 26 KL Pac Open Day
- 27 Creative Mafia @ Youth













#### **Activity Week**

Students will get to expand their scope of cultures, languages, design ideas and construction techniques with travel experiences to destinations around the world. This provides first-hand insights into environments and how the built environment is influenced.





Sarah Ahmad Bachelor of Science (Hons) (Architecture)

The annual Activity Week allows us to travel overseas, and as an architecture student, traveling and seeing the different designs, buildings and artwork is truly inspirational. I personally love to learn from experience instead of the traditional academic approach, so the fact that we are given the chance to travel with our peers and lecturers, is great!





## Leveraged Networking

Our extensive academic links and industry alliances ensure that our programmes are benchmarked against industry standards, thus remaining relevant with the latest trends. This also provides opportunities for collaboration in teaching, learning, research and student mobility.

#### **Industry Advisory Panel**

The Industry Advisory Panel (IAP) consists of leading professionals and industry experts, who work closely with us to ensure that the curriculum offered is up-to-date and relevant with current industry practices and requirements. The IAP also assists in providing students with industry placements and career opportunities.

#### Conferences

Conferences serve as a platform for faculty members and students to network and gain insight into the latest industry developments and best practices.

#### Workshops

These interactive platforms are an opportunity for students to showcase and present their work every semester, to a panel of industry members and academics from different backgrounds. Through the panel's objective and valuable feedback, students are able to improve their quality of work or approach.

#### Architecture, Building and Design Lecture Series

Organised throughout the academic year, the Architecture, Building and Design Lecture Series provides students with valuable exposure to the industry, equipping them with the understanding of current developments and issues that may impact their future practices. Students get the opportunity to engage in lively discussions and presentations with well-known and respected industry professionals from both the architecture and quantity surveying fields.

#### Architecture

- The Traditional
   Architectural Culture of Tibet
   Xu Zongwei
   Architectural Society of China (ASC)
- Platforms and Displacements as Design Strategies
   John Sergeant
   Architect
- Workplace: The New Paradigm (Point 92) Huat Lim Managing Director, ZLG Sdn Bhd
- Vision Culture
  Gregory Burgess
  Architect,
  Gregory Burgess Architects
- The Architecture of Daniel
  Liebeskind: Berlin and New York
  John Stevenson
  Head of Design (Architecture),
  Department of Architecture
  Oxford Brookes University
- The Construction Chemical Industry in Malaysia
   Syed Nur Azman Bin Syed Mustaffa Associate Professor,
   Malaysia University of Science
   Technology

- Design
  Kevin Mark Low
  Founder,
  Small Projects
- Chandigarh: The Modernistic
  Experiment in Architecture and
  Town Planning
  Ar. Sangeet Sharma
  Partner Architect,
  SD Sharma & Associates
- Recent Works + Thoughts
  Nini Andrade Silva
  Architect,
  The Atelier of Architecture
  & Interior Design
- Design Process Karsten Vollmer Partner, Foster + Partners

#### **Quantity Surveying**

- BIM Applications in a
   Malaysian Company
   Yap Yoke Wan
   Enterprise Architect, Brunsfield Group
- Role of Quantity Surveyor in the Project Vincent Tan Contract Manager in Pembinaan Megah Ikhlas Sdn Bhd
- Professional Practice:
  Variation Order
  Sr. Lee Wing Tey
  Registered Quantity Surveyor
- Quantity Surveying –
   Strengths, Weaknesses,
   Opportunities and Threats
   Sr. Dianna Baharuddin
   Registered Quantity Surveyor
- The Winds of Change
  Sr. Eddie Wong
  Director,
  Perdana Juruukur Bahan
  (Quantity Surveyors)
- So You Want to be a Professional
   Quantity Surveyor?
   Sr. Wan Maimun Wan Abdullah
   Director,
   Khalid Ahmad Architects

## Reference List

- ArchDaily
  - www.archdaily.com
- Architects Accreditation Council of Australia www.aaca.org.au
- Architects Registration Board, UK www.arb.org.uk
- Australian Institute of Architects
  - www.architecture.com.au
- Board of Quantity Surveyors Malaysia www.bqsm.gov.my
- Centre for Modern Architecture Studies in Southeast Asia massa.my
- Construction Industry Development Board Malaysia
   www.cidb.gov.my
- Lembaga Arkitek Malaysia www.lam.gov.my
- National Council of Architectural Registration Board www.ncarb.org
- New Zealand Institute of Architects
  www.nzia.co.nz
- Pacific Association of Quantity Surveyor www.paqs.net
- Pertubuhan Akitek Malaysia www.pam.org.my
- Royal Institution of Chartered Surveyors www.rics.org
- Royal Institution of Surveyors Malaysia www.rism.org.my
- Royal Institute of British Architects www.architecture.com

- The American Institute of Architects www.aia.org
- The Chartered Institute of Building www.ciob.org.my
- The New Zealand Registered Architects Board www.nzrab.org.nz



#### Taylor's University, Lakeside Campus

JPT/BPP(D)1000-701/502(3)DU023(B)

No. 1, Jalan Taylor's, 47500 Subang Jaya,

Selangor Darul Ehsan, Malaysia.

Tel: 603-5629 5000 Fax: 603-5629 5001 E-mail: admissions@taylors.edu.my www.taylors.edu.my/university

Penang Office
 Johor Bahru Office
 Kuantan Office
 Kuching Office
 Kota Kinabalu Office
 Tel: 6082-345 808 / 345 807
 Kota Kinabalu Office
 Tel: 6082-486 936 / 486 937
 Fax: 6082-345 808
 Fax: 6082-345 808
 Fax: 6082-345 808
 Fax: 6082-345 809
 Fax: 6088-486 938

This publication contains information, which is current as of January 2017. Changes in circumstances after this date may impact upon the accuracy or timeliness of the information. Taylor's University does its best to ensure that the information contained herein is accurate, but reserves the right to change any information described in this prospectus without notice. Readers are responsible for verifying information that pertains to them by contacting the university.

# ARCHITECTURE, BUILDING AND DESIGN

**Foundation in Natural & Built Environments (FNBE)** 

Foundation in Arts (FIA)

**Bachelor of Quantity Surveying (Hons)** 

**Bachelor of Science (Hons) in Architecture** 

**Master of Architecture** 

## **EDUCATION PATHWAY**

## SPM / O Level / Equivalent Foundation in Natural & STPM / UEC / A Levels / Built Environments (FNBE) SAM / SACE / CPU/ IB / Equivalent Foundation in Arts (FIA) 1 Year 1-2 Years or Awarded by Taylor's University Awarded by Taylor's University 3 Years 3.5 Years with internship Minimum 6 months practical experience required Master of Architecture Awarded by Taylor's University 2 Years

# FOUNDATION IN NATURAL & BUILT ENVIRONMENTS (FNBE)



KPT/JPS (R/010/3/0142) (A9049) 09/18

#### **INTAKE: JANUARY, MARCH & AUGUST**

This programme aims to introduce students to the different fields of study in natural and built environments. Upon successful completion, students are eligible to enroll into our degree programmes, creating a seamless transition to obtain a degree in Architecture or Quantity Surveying.

#### Year 1

#### **Core Modules**

- Constructed Landscape
- Creative Thinking Skills
- Elements of Natural & Built Environments
- English I
- English II
- Introduction to the Construction Industry
- Introduction to Drawing

#### Core Electives

Choose ONE (1):

- Business Enterprise
- Principles of Economics

#### and

Choose ONE (1):

- Culture & Civilisations
- Public Speaking Skills

#### and

Choose ONE (1):

- Introduction to Design
- Quantitive Techniques

50 Credit Hours

## **FOUNDATION IN ARTS (FIA)**

KPT/JPS (R/010/3/0322) (MQA/PA5536) 01/20

Offered by School of Liberal Arts and Sciences.



#### **INTAKE: JANUARY, MARCH & AUGUST**

This programme prepares students for direct entry to the first year of an undergraduate degree. This programme has the widest education pathway which provides interdisciplinary study of various fields such as communication, business, hospitality, tourism and culinary arts, design, education, architecture and psychology.

#### Year 1

#### Core Modules

- Creative Thinking Skills
- Culture & Civilisations
- English I
- English II
- Social Psychology

#### **Electives**

Choose TWO (2):

- Principles of Accounting
- Discovering Mass Communication
- Introduction to Hospitality & Food Service Industries

#### and

Choose TWO (2):

- Quantitative Techniques
- Introduction to Design
- Audio Visual Production
- Business of Tourism, Recreation & Events
- People & Organisation
- The Art & Science of Teaching

#### and

Choose ONE (1):

- Principles of Economics
- Business Enterprise
- The Art & Science of Teaching

50 Credit Hours

## BACHELOR OF QUANTITY SURVEYING (HONS)

3.5-Year Programme

**Complementary Studies** 

**Core Electives** 

Choose ONE (1) from the list below:

• Construction Quantity Surveying

Facility Management

Sustainable Housing Development

· Construction Supply Chain Management

• Strategic Management in Construction

Occupational Health and Safety Management

Software Application for Quantity Surveying

KPT/JPS (R/526/6/0056) (A9440) 03/19

#### **INTAKE: MARCH & AUGUST**

Graduates of this programme will understand the correlation between economics, technology, management and law, adding value to the financial and procurement management of construction projects.

#### **Professionally Accredited Graduates**

- Graduates gain automatic membership to the Board of Quantity Surveyors Malaysia (BQSM) or Lembaga Jurukur Bahan Malaysia (WBM).
- Graduates gain recognition from a network of over 140 countries through the Royal Institution of Chartered Surveyors (RICS).
- Accreditation from The Pacific Association of Quantity Surveyors (PAQS).

#### Internship

6-month industrial training to develop practical and relevant skills for future employment.

#### **Primary Core**

- Construction Technology I
- Legal Studies
- Environmental Science and Services
- Fundamental Measurement and Costing
- Construction Technology II
- Building Services Technology
- Measurement of Building Works and Costing
- Procurement and Contract Administration
- Advanced Measurement
- Construction Economics and Management
- Value Engineering and Management
- Industrial Training
- Engineering Measurement
- Construction Project Management
- Construction Research Project I
- Professional Practice
- Construction Law and Dispute Resolution
- Construction Research Project II
- Quantity Surveying Studio
- Industrial Training



104 Credit Hours

#### +

#### **University Core**

- Community Service Initiative
- Hubungan Etnik / Malaysian Studies 3
- Life Skills for Success and Well-Being
- Millennials in Malaysia: Team Dynamics and Relationship Management
- Tamadun Islam dan Tamadun Asia / Bahasa Melayu Komunikasi 2

\*Students are requested to take Bahasa Kebangsaan A if they do not obtain a Credit for Bahasa Malaysia in SPM.

12 Credit Hours

4 Credit Hours

#### Note:

Primary Core + University Core + Extension = Min. 3.5 Years (120 Credit Hours)
Primary Core + University Core + Minor = Min. 3.5 Years (120 Credit Hours)
Primary Core + University Core + Second Major = Min. 4 Years (148 Credit Hours)
Primary Core + University Core + Free Electives = Min. 3.5 Years (120 Credit Hours)

## BACHELOR OF SCIENCE (HONS) IN ARCHITECTURE



KPT/JPS (R/581/6/0023) (A8552) 02/18

#### **INTAKE: MARCH & AUGUST**

This programme is a pre-professional course that provides a recognised qualification in Architecture and offers a pathway for further studies towards becoming an Architect.

#### **Accredited Graduates**

- Accreditation by the Board of Architects Malaysia or Lembaga Arkitek Malaysia (LAM), exempts graduates from the LAM
  Part I Examination.
- 7-week fieldwork in Year 1 requires students to document historical and heritage buildings.

#### **Primary Core**

- Architectural Design I
- Design Communication
- Architectural Design II
- Architectural Design III
- Architectural Design IV
- Architectural Design V
- Architectural Design Project
- Computer Applications
- Building Services
- Advanced Architectural Construction
- Integrated Project
- Architecture History and Theory
- Theories of Asian Architecture
- Building Construction and Materials
- Architecture and Environment



84 Credit Hours

12 Credit Hours

#### **University Core**

- Community Service Initiative
- Hubungan Etnik / Malaysian Studies 3
- Life Skills for Success and Well-Being
- Millennials in Malaysia: Team Dynamics and Relationship Management
- Tamadun Islam dan Tamadun Asia / Bahasa Melayu Komunikasi 2

\*Students are requested to take Bahasa Kebangsaan A if they do not obtain a Credit for Bahasa Malaysia in SPM.



Choose ONE (1) of the below packages:

#### **Extension**

#### Choose ONE (1) of the options:

**Option 1: Heritage and Conservation** 

- Measured Drawings and Documentation
- Heritage Conservation: Theories, Principles and Practices
- Architectural Conservation and Tourism
- Conservation and Development Control
- Heritage Management

#### **Option 2: Sustainable Design**

- Sustainable Design, Policies and Regulations
- Sustainable Living
- Green Strategies for Building Design
- Energy and Architecture
- IT Application for Sustainable Design

and

Free Elective Module

Choose any ONE (1) Free Elective\* offered by Taylor's University.

Refer to the Complementary Study Guide for the list of Free Electives.

\*Subject to availability

\*Meet min. module pre & co-requisite

24 Credit Hours

#### Note:

Primary Core + University Core + Extension = Min. 3 Years (120 Credit Hours)

Primary Core + University Core + Minor = Min. 3 Years (120 Credit Hours)

Primary Core + University Core + Second Major = Min. 3.5 Years (148 Credit Hours)

Primary Core + University Core + Free Electives = Min. 3 Years (120 Credit Hours)

### **MASTER OF ARCHITECTURE**

KPT/JPS (N/581/7/0021) (MQA/FA2089) 01/18



#### **INTAKE: MARCH & AUGUST**

This programme is a full-time professional Master's programme that centres on the advanced study of architecture. It adopts an integrated approach to learning architecture and aims to develop well-rounded architectural graduates, leading to the development and application of appropriate solutions to encounter demands of globalised and cross-cultural environments.

Students undertake a range of specialist and research-based studio projects supported by knowledge and application of technology and environment, cultural context, research and professional practice to forge the position of 'sustaining humanity'. Utilising design as research teaching pedagogy, the design studio forms the intersection of interests across three broad domains of inquiry, i.e. urbanity, community and technology.

#### **Professionally Accredited Graduates**

Accreditation by the Board of Architects Malaysia or Lembaga Arkitek Malaysia (LAM) exempts graduates from the LAM
Part II Examination.

#### Core Modules

- Architectural Design Thesis I
- Architectural Design Thesis II
- Culture & Community Design Studio
- Dissertation I
- Dissertation II
- Environment & Technology I
- Environment & Technology II
- Professional Practice & Entrepreneurship I
- Professional Practice & Entrepreneurship II
- Research Methods
- Urban Design Studio

#### **Electives**

- Architecture in the Humanities
- Heritage & Conservation
- Manifesto for Malaysian Architecture
- Nature & Architecture

### Module Synopsis

## Design & Cultural Studies

#### **Urban Design Studio**

Investigates the ways of meeting the demand for environmental sustainability, with a key focus on the lived experience of cities.

## **Culture & Community Design Studio**

Promotes architectural design as an expression of the culture in a community context and delves into the principles and methods of interpreting meaning from a variety of users regarding designed objects of habitation.

## Architectural Design Thesis I and II

Involves an in-depth study of the students' selected topic where they must demonstrate methodological and theoretical rigour within their proposed architectural design thesis, facilitated by an appointed supervisor. Culminates in a resolved architectural design scheme.

#### Research

#### **Research Methods**

Explores a range of architectural research methods, with an emphasis

on hypothesis formulation and gathering, recording and analysis of data. Trains students to integrate research skills as an inquiry process in design.

#### Dissertation I and II

Investigates a particular aspect of architecture and the built environment facilitated by an appointed supervisor, leading to writing a critical piece of dissertation of 10,000 words.

## Environment & Technology

#### **Environment & Technology I**

Addresses architecture as an integration of the environment and technology, and examines the role of building technology and sustainability in architectural design through analysis and evaluation of a complex building or group of buildings.

#### **Environment & Technology II**

Addresses architecture as an integration of the environment and technology for a complex building or group of buildings, and examines the role of technology and sustainability as a generative force in architectural design.

#### **Professional Practice**

## Professional Practice & Entrepreneurship I

Focuses on the principles of professional practice, such as Conditions of Engagement of the Architect, professional fees, management of a small practice and ethics and codes of conduct expected of an architect.

## Professional Practice & Entrepreneurship II

Focuses on the different types of construction contracts commonly used in the construction industry, and the architect's responsibilities and liabilities under the contracts.

# ARCHITECTURE PROFESSIONAL REGISTRATION

Obtain architecture degree(s) with a minimum of 5 years duration of study



#### **LAM Part I & II Examinations**



Register as Corporate Member of the Malaysian Institute of Architects or Pertubuhan Akitek Malaysia (PAM)



Register as Graduate Architect of the Board of Architects Malaysia or Lembaga Arkitek Malaysia (LAM)



- Working Experience with a Registered Architect (minimum 2 years)
- Commences from date of registration as LAM Graduate Architect



#### **LAM Part III Professional Examination**



Register with LAM as an Architect that carries the title 'Ar'
 Apply for PAM Corporate Membership

Graduates who obtained the Bachelor of Science (Hons) in Architecture and the Master of Architecture programmes that are accredited by the Board of Architects Malaysia will be exempted from the LAM Part I and Part II Examinations.

For more information, visit www.lam.gov.my

# QUANTITY SURVEYING PROFESSIONAL REGISTRATION

Bachelor of Quantity Surveying (Hons) (3½ years)



Register as Graduate Member with Board of Quantity Surveyors Malaysia (BQSM) and Corporate Member of the Quantity Surveying Division of the Royal Institution of Surveyors Malaysia (RISM)



• Working Experience with a Registered Quantity Surveyor (minimum 2 years)
• Commences from date of registration as BQSM Graduate Member



Assessment of Professional Competence (APC)



• Register with BQSM as Registered Quantity Surveyor • Register with RISM as a Quantity Surveyor that carries the title 'Sr'

For more information, visit www.bqsm.gov.my



#### **Taylor's University Lakeside Campus**

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