



TAYLOR'S
UNIVERSITY
Wisdom • Integrity • Excellence

Welcome to

Taylor's Digital Prospectus



TAYLOR'S UNIVERSITY

RISE WITH THE BEST AND GRADUATE IN DEMAND

Since its inception in 1969, Taylor's has continuously provided excellent services for its students in terms of diverse study options, relevant curriculum and teaching methods, ongoing partnerships with leading universities worldwide, strong industry linkages, up-to-date facilities and well-equipped campuses.

Taylor's University nurtures its students in the three aspects of intelligence: intellect, practical wisdom, and craft through its Taylor'sphere ecosystem of flexible curriculum, innovative pedagogy, multidisciplinary projects, impact-based research, as well as networks with peers and alumni.



ACHIEVEMENTS

OUR AWARDS VALIDATE OUR WORLD-CLASS GRADUATES, STANDARDS & FACILITIES

WORLD
TOP 1%

UNIVERSITIES
#251



TOP 40

IN ASIA



NO. 1

PRIVATE UNIVERSITY
IN SOUTHEAST ASIA
5 YEARS IN A ROW



WORLD
TOP 20

FOR GRADUATE
EMPLOYABILITY RATE



VICE-CHANCELLOR & PRESIDENT'S MESSAGE

Taylor's University is a reputable and leading private education institution in Malaysia. With more than 50 years of experience in the education scene, we remain steadfast in fostering excellence in education, innovation, and the holistic development of our students. We infuse our research, education, and advocacy with purpose and meaning to empower our community in pursuing their passion and purpose, thus leaving a positive impact to their surrounding community.

Our prime location exposes our diverse student body from almost 100 countries to the nation's rich cultural landscape and attracts the brightest and most creative students from around the world. Our students come together to create a vibrant and exciting community that supports a wide range of sporting, cultural and leisure activities, which have become the hallmark of the Taylor's experience – cultivating a positive campus environment.

We hope that Taylor's University will be your higher education institution of choice as we remain committed in our stance as a leading institution that is equipped to empower its students to address the challenges of the modern world. Most importantly, let us work together driven by the limitless potential within our community to ensure that when you graduate, you are ready to create your own pathway to excellence and become a productive leader of change.

We look forward to seeing you at Taylor's Lakeside Campus.

Warmest Regards,
Professor Barry Winn
Vice Chancellor and President,
Taylor's University



GLOBAL RANKED SUBJECTS

TOP 20

#20
Hospitality & Leisure
Management

TOP 50

#21-50
History of Art

TOP 100

#51-100
Art & Design

Marketing

Data Science & AI

TOP 150

#101-150
Architecture
& Built Environment

Accounting & Finance

Business & Management
Studies

Social Sciences
& Management

Arts & Humanities

TOP 250

#151-200
Economics & Econometrics

Pharmacy & Pharmacology

#201-250
Computer Science
& Information Systems

Communication
& Media Studies

TOP 400

#251-300
Education & Training

#301-375
Sociology

#351-400
Electrical & Electronics
Engineering

TOP 500

#401-450
Engineering & Technology

#451-500
Medicine

TOP 600

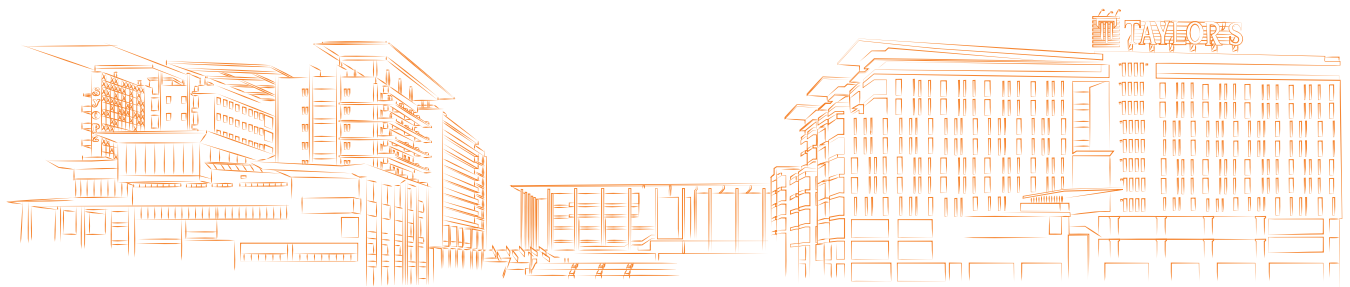
#501-575
Mechanical Engineering



TAYLOR'S
UNIVERSITY

Wisdom • Integrity • Excellence

COMPUTER SCIENCE



TAYLOR'sphere™

TAYLOR'S SCHOOL OF COMPUTER SCIENCE

**WORLD
TOP 250**

#1 MALAYSIAN
PRIVATE UNIVERSITY

Computer Science & Information
Systems



BY SUBJECT 2025

Bachelor of Computer Science (Honours)

Specialisations:

1. Data Science (Dual Award)
2. Cyber Security (Dual Award)
3. Mobile Computing (Dual Award)
4. Artificial Intelligence (Dual Award)

Bachelor of Information Technology (Honours)

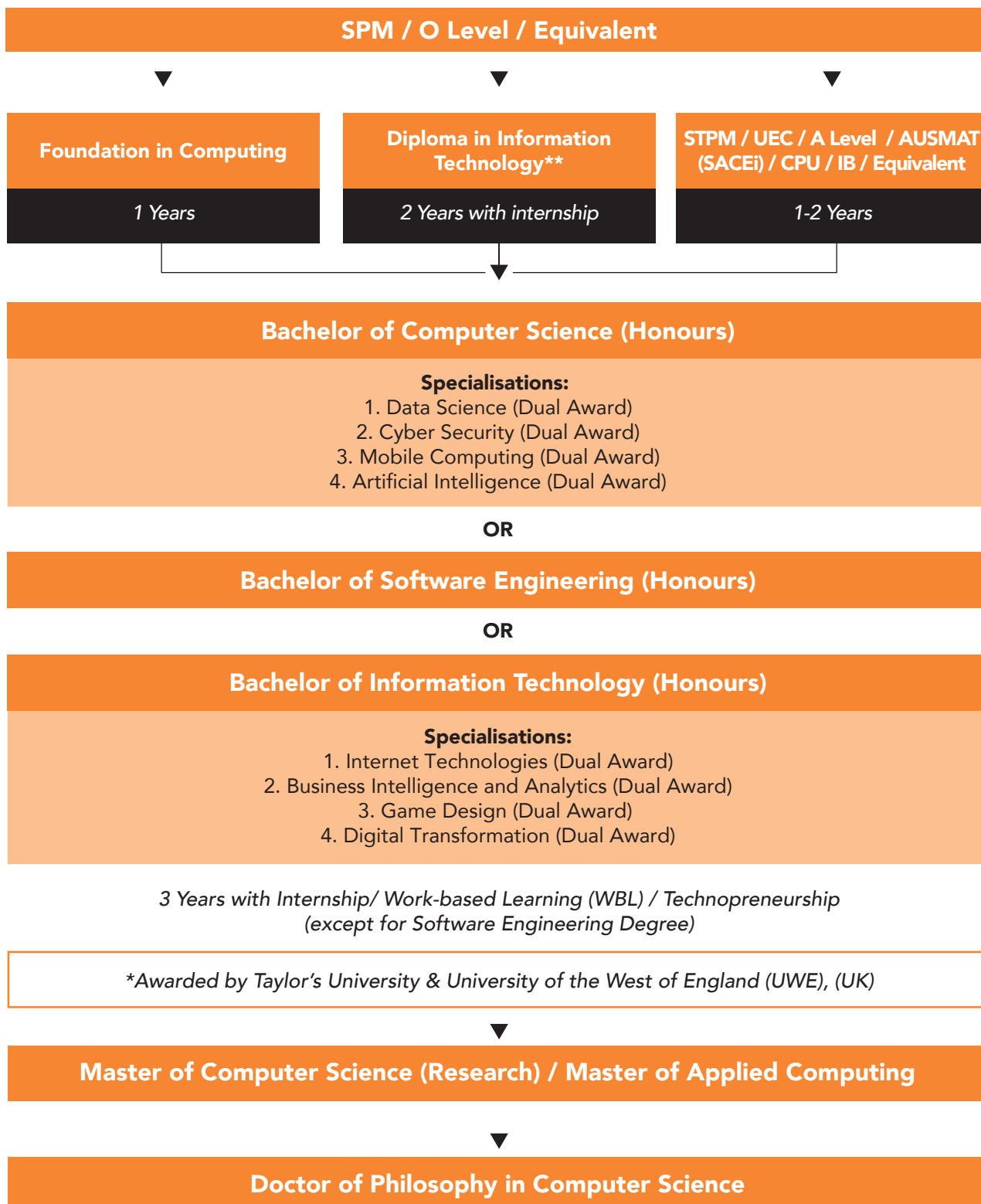
Specialisations:

1. Internet Technologies (Dual Award)
2. Business Intelligence and Analytics (Dual Award)
3. Game Design (Dual Award)
4. Digital Transformation (Dual Award)

Bachelor of Software Engineering (Honours)



CHART YOUR EDUCATION PATH



Note : All Diploma programmes that meet the requirements of Degree programmes will have advanced standing.

**Effective 1 January 2020, the Diploma in Information Technology which is presently offered by Taylor's University, will be moved to Taylor's College.

OVERSEAS EXPERIENCE VIA OUR PARTNERS*



UNITED KINGDOM

UNIVERSITY OF BIRMINGHAM

- BSc Computer Science
- MSc Computer Science
- BSc Artificial Intelligence with Computer Science
- MSc Artificial Intelligence with Computer Science

UNIVERSITY OF ESSEX

- Bachelor of Science Computer Games
- Bachelor of Science Computer Science
- Bachelor of Engineering Computer Networks
- Bachelor of Engineering Robotic Engineering
- Bachelor of Engineering Mechatronic Systems
- Bachelor of Engineering Computers with Electronics
- Bachelor of Engineering Computer Systems Engineering
- Bachelor of Data Science and Analytics

UNIVERSITY OF LEEDS

- BSc Computer Science
- MEng Computer Science

UNIVERSITY OF DUNDEE

- MSc Spatial Planning with Sustainable Urban Design
- MSc Biomedical Engineering
- MSc Medical Engineering
- MSc Industrial Engineering

UNIVERSITY OF PLYMOUTH

- BSc (Hons) Computer Science
- BSc (Hons) Computer Science (Artificial Intelligence)
- BSc (Hons) Computer Science (Cyber Security)
- BSc (Hons) Computer Science (Games Development)
- BSc (Hons) Computer Science (Software Engineering)

CARDIFF UNIVERSITY

- BSc Computer Science



AUSTRALIA

QUEENSLAND UNIVERSITY OF TECHNOLOGY

- Bachelor of Information Technology (Computer Science)
- Bachelor of Information Technology (Information Systems)

THE UNIVERSITY OF QUEENSLAND

- Bachelor of Information Technology
- Bachelor of Computer Science

UNIVERSITY OF SOUTH AUSTRALIA

- Bachelor of Information Technology
- Bachelor of Software Engineering (Honours)

UNIVERSITY OF TECHNOLOGY SYDNEY

- BSc Information Technology (Enterprise Systems Development)
- BSc Information Technology (Data Analytics)
- BSc Information Technology (Interaction Design)
- BSc Information Technology (Business Information Systems Management)
- BSc Information Technology (Networking and Cybersecurity)
- BSc Information Technology (Enterprise Systems Development)

UNIVERSITY OF WESTERN AUSTRALIA

- Bachelor of Science (Computer Science)
- Bachelor of Science (Computer Science & Cybersecurity)

FLINDERS UNIVERSITY

- Bachelor of Information Technology
- Bachelor of Information Technology (Business & Information Systems)
- Bachelor of Information Technology (Data Analytics)
- Bachelor of Information Technology (Game Development)
- Bachelor of Information Technology (Machine Learning)
- Bachelor of Information Technology (Networks & Cybersecurity Systems)
- Bachelor of Computer Science
- Bachelor of Computer Science (Artificial Intelligence)

GRIFFITH UNIVERSITY

- Bachelor of Computer Science
- Bachelor of Information Technology

UNLOCK MEANINGFUL CAREER OPPORTUNITIES

BACHELOR OF INFORMATION TECHNOLOGY (HONOURS)

- IT Consultant
- Data Analyst
- Data Engineer
- Data Scientist
- Database Administrator
- Information Manager
- Lecturer
- Mobile Developer
- Networking Engineer
- Project Manager
- System Developer
- System Manager
- User Experience Analyst
- User Experience Engineer
- Web Developer
- Applications developer
- Game Developer
- Information systems manager

BACHELOR OF COMPUTER SCIENCE (HONOURS)

- Software Developer
- Web Developer
- UX Designer
- Mobile App Developer
- IT Project Manager
- Information Security Analyst
- Systems Architect
- AI Engineer

BACHELOR OF SOFTWARE ENGINEERING (HONOURS)

- Applications developer
- Cyber security analyst
- Game developer
- Information systems manager
- IT consultant
- Multimedia programmer
- Web developer
- Web designer

*Admission is subject to the transfer requirement established by the respective universities

WHY COMPUTER SCIENCE AT TAYLOR'S?

Taylor'sphere, our balanced ecosystem of community, facilities and features, is focused on equipping students with intellect, creativity and practical wisdom to graduate in demand for the ever-evolving landscape. Your journey in computer science studies as a Taylorian will be immersed within this ecosystem that will empower your aspirations and enable you to rise with the best, where our community is our strength.





MULTIDISCIPLINARY LEARNING EXPERIENCE (MLE)

Taylor's was one of the pioneer institutions in the region to implement compulsory multidisciplinary projects across all its undergraduate programmes. Multidisciplinary solutions go beyond just collaborating, but rather having a good understanding of learning necessities across various disciplines against being discipline-specific which will no longer be enough.



TAYLOR'S CURRICULUM FRAMEWORK (TCF)

Breaking conventions to bring you the first-of-its-kind framework in Malaysia that allows you to mix and match modules to customise your degree.



MEETING INDUSTRY STANDARD

Established in 1998, Taylor's School of Computer Science offers a range of career-focused programmes, where graduates continue to meet industry standards, filling out the talent pool in ICT.



DRIVING INNOVATION THROUGH TECHNOLOGY

We aim to provide students with ample opportunities to influence the future of the modern world, pioneering the frontiers of Computer Science with a positive impact on society.



INDUSTRY-RELEVANT CURRICULUM

Our industry-relevant curriculum is a result of a conducive environment and multiple strong collaborations including close ties to the industry, professional bodies, government agencies, and academia.



COMPREHENSIVE PROGRAMMES

Our programmes offered are comprehensive in practical content, using relevant and latest learning technologies. We ensure that you are future-ready, as we enter the 4IR.



PERSONALISED AI-POWERED LEARNING

As one of Malaysia's pioneering institutions in AI-driven innovation, we offer personalised one-on-one 24/7 tutoring, focused Q&A sessions, assessments and instant feedback, supported by our AI teaching assistant. Students enjoy an engaging experience that encourages self-directed growth and better understanding.



DUAL AWARD

Taylor's School of Computer Science (SCS) offers dual award degree programme in collaboration with the Department of Computer Science and Creative Technologies, University of the West of England (UWE), UK.

A quality review committee, comprising academics from both institutions, is established for quality assurance and the moderation of the standards of the programmes, which includes curriculum and assessment. You will receive certification and academic transcripts from both Taylor's University and UWE upon completion of your degree at Taylor's.



UWE **Bristol** | University of the West of England

- Dating as far back as 1595, UWE represents a long and well-established tradition of first-class professional education and training.
- With over 30,000 students, UWE is a modern, growing university situated in the thriving harbour side of Bristol.
- UWE has over 500 available workstations in their teaching laboratories as well as large open-access labs providing PC and Unix-based machines. They also host their own servers to provide Windows, Linux and Unix-based operating systems.
- The Department of Computer Science and Creative Technologies has strong linkage with the industry, including a multi-million-pound strategic partnership with Hewlett-Packard, which has contributed towards an upgrade of computer technology and infrastructure across the campus.
- The Department has an active research community, which makes significant contribution towards various groups of studies such as Artificial Intelligence (AI), Complex Co-operative Systems and Unconventional Computing.





STUDENT APPS

We encourage you to not only think out of the box, but to break boundaries in experimenting and developing apps that have utility values.



TRAQUER

Traquer is an innovative solution that aims to reduce road accidents caused by buses and provide safety assurance to passengers. The app is a social-empowered road safety app and acts as a voice for public transport users.



ENSUERER

Ensuerer is an online-based insurance product that insures damaged, lost or stolen smartphones and other portable digital gadgets. Without the need for agents, Ensuerer crowdsources funds from people, who pay for monthly subscriptions for the product.



PROJECT FEEDON!

With the vision to solve world hunger, address food wastage and revolutionise charity food distribution in Malaysia, FeedOn! provides a platform to match manufacturing companies that have excess food production with charitable institutions.



POCKET MALL

Pocket Mall is an online platform for those who want to start their own business using the Internet. The app encourages users to sell new or hand-me-down clothes, shoes, accessories, or anything in between to gain extra points.



WAKKER APP

Wakker App is a precise journey planner that integrates all types of public transportation and routes. It wakes up commuters who have dozed off during their trip, calculates and informs commuters about public transport vehicle's estimated time of arrival and feeds location data to users who have already embarked on their journey.

EXPERIENTIAL LEARNING

COMPETITIONS

Students are given the opportunity to sharpen their programming and problem-solving skills through participating in various national and international competitions. This enables them to obtain feedback from experts, boost confidence as well as enhance communication and business presentation skills. Students live up to our unconventional methods as we encourage students to push boundaries and achieve more.

- AngelHack
- Celcom Project U.O.X
- Digi Mobile Challenge
- E-Genting Programming Competition
- F-Secure National Inter Varsity Security Tech Quiz
- Championship
- Hilti Big Data Analytics International Competition
- Microsoft Imagine Cup
- MNCC Computing Challenge
- Institute of Higher Learning - Multimedia Super Corridor
- Malaysia Start Up Challenge
- Standard Chartered ICT Competition
- NASA Space App Challenge
- MIT Global Start-up Labs (GSL)
- Enterprise Resources Management Challenge





E 2023

chnology Expo™

vation and Technology Event



Taylor's University excels in fostering a culturally inclusive, professional environment. Committed faculty and strategic industry networking enhance students' readiness. The institution delivers a comprehensive, sophisticated education, positioning graduates for success!

Vighnesh Sivanesan
Bachelor of Computer Science (Hons)
Cyber Security Engineer
Hilti Asia IT Services Sdn Bhd



WORLD-CLASS STANDARDS & FACILITIES

As your vested partner throughout your education journey, future-proofing you is our priority. We continuously provide our students with more than just academics, but also life skills to be business leaders and successful entrepreneurs of the future. Students gain valuable hands-on and real-life experience through our dedicated laboratories and workspace.

HUAWEI LAB

Equipped with routers and networking equipment

CYBERSECURITY LAB

Equipped with cybersecurity software





Mac LAB

The Mac Lab is equipped with the latest industry-standard design software and hardware.

MULTIMEDIA LAB

Equipped with powerful machines that allow students to work on 3-dimensional (3D) and animation projects.



BizPod

Birthing Ideas, Building Businesses

BizPod

BizPod is a hybrid Incubator and Accelerator for entrepreneurs. It provides a holistic four-stage structured, intensive entrepreneurship training programme that develops the entrepreneurs from idea stage to funding acquisition for pre-seed, seed and venture capitalist. The training modules provided are mainly built around a multidiscipline mentorship model by experienced professionals from various specialisations. BizPod also has unique co-working pods for budding entrepreneurs who wish to work in a collaborative space in a university setting.



Taylor's Me.reka Makerspace

Taylor's Me.Reka Makerspace aims to be a place enabling our students from across Schools to work collaboratively on multi-disciplinary projects focusing on real-world problems with the use of proven solution techniques. This platform also encourages Taylor's students to be self-directed learners with hands-on training using cutting-edge technology in the field of digital fabrication. It also seeks to establish win-win relationships with community (local as well as international) and industry.



We were pleased to have Traquer as one of the teams to undergo our Alpha Startups pre-accelerator programme. The team showed great perseverance to make their startup a success and the founder Shi Jin, had great determination and tenacity which gave us the confidence to help him open doors that led to his team pitching his idea to the CEO of S.P.A.D himself. We were glad to be able to guide the team in validating their market and via our design sprint coaching help them focus on the essentials for a quick MVP to launch. We look forward to seeing more founders from Taylor's University joining our programme to help them on their entrepreneurial journey.

Mr Bikesh Lakhmichand
CEO and Founder, 1337 Ventures

BECOME FUTURE-PROOF

GLOBAL & LOCAL COLLABORATIONS WITH
OUR INDUSTRY ADVISORY PANEL (IAP)

STUDENT INDUSTRY EXPOSURE

STUDENT TECHNOPRENEUR DEVELOPMENT

Taylor's School of Computer Science has strong initiatives to develop student Technopreneurship. The technopreneur modules will be taught over 4 semesters (one credit per semester) and much of the delivery will be via seminars, forums and workshops.

You will be grouped into teams to form start-up companies and taught to create jobs instead of to seek jobs. The school will provide the necessary support for the start-ups, such as coaching, nurturing ideas, and technical details.



INDUSTRY-DRIVEN FINAL-YEAR PROJECTS

Most of our final-year projects are done in collaboration with industry partners. You will be assigned to real-world industry problems from industries. This will expose you to some of the challenges faced by the industry and how your ideas could help solve some of these challenges. These projects will be co-supervised by industry partners. This has resulted in some excellent industry products such as:

BagBot

(Innovative Idea with Creative Designs)

Standard Chartered Bank

Info Banjir Malaysia

(Windows Phone App)

Microsoft

Instajob

Google

NoteFORensics

PwC Malaysia

Plus Toll Rate App (Android Platform)

PLUS

WiseCycle

(Windows Phone App)

Microsoft

Crowdfunding Platform for Students

Google Business Group (GBG) Malaysia

Social Collaboration Application

Hilti (Malaysia) Sdn Bhd

Final Year Project Management System

Taylor's University School of Computer Science

My Life Priorities

K365labs Sdn Bhd

Requirements Request Approval System

SharePoint Factory Sdn Bhd

STRONG INDUSTRY PARTNERSHIPS

In order to keep abreast with global trends and bridge the gap between academia and the industry, we have developed a web of relationships with international technology companies and entrepreneurs.



These pillars of the Information and Communications Technology (ICT) community provide Taylor's School of Computer Science with:

- valuable insight into the industry and shed light on the fundamental shifts in IT consumption and consumer behaviour.
- facilitate dynamic knowledge exchange, enabling you to reap the rewards of these collaborations.
- ability to serve as an ideation lab and a gateway to innovation, talent and research activities for the industry.



Soft skills are embedded throughout our curriculum:

- through project-based learning, internship programmes, field trips, as well as events and activities that stimulate the students to get involved in activities outside their chosen field and develop out-of-the-box thinking.
- providing you with industry exposure and enabling you to learn more about the application of technology in the real world.

Our holistic approach has successfully produced not just ICT graduates, but technopreneurs who are geared to meet and tackle the challenges of the future.



Completing my degree studies at Taylor's University Lakeside Campus was a rewarding experience, as they offered me a solid platform to develop both my technical and soft skills, which have contributed to my current success.

Mike Goh Chia Chung
Bachelor of Information Technology (Hons)
Network Automation & Compliance Engineer
IT Network Services Team (FIIN)
Hilti Asia IT Services (HAITS)

EXPERT FORUMS

Taylor's School of Computer Science provides various expert platforms that feature talks and lectures delivered by invited speakers from the industry as well as adjunct faculty members, who speak about the ICT industry and profession. Apart from strengthening the School's teaching profile, these industry practitioners also provide you with an opportunity to interact with professionals in specialised fields to enhance your learning.



Technopreneurship is not all about personal financial gain. It is about crafting a lifelong plan to make a positive impact for the society. True wealth should be built on integrity and ethics.

Mr Liow Ren Jan
Co-Founder & Executive Director,
O2O Commerce Sdn Bhd

The guest lectures provide the students at Taylor's University not only with different points-of-view, but also a vessel of knowledge that they can apply in later courses or in their internships.

Mr Ervin Loh Chuan Ho
Application Lifecycle Management Program Manager,
K365labs Sdn Bhd



GUEST LECTURES

We invite eminent personalities from various industries and institutions to lend valuable information from their experiences to our students. Our guest lectures enrich you with the latest knowledge about industry needs, technical updates, and trends.

Some of the organisations that have delivered guest lectures at Taylor's School of Computer Science include:

- ABS Technologies
- BAE Systems Applied Intelligence
- Blackberry
- Experian Information Solutions, Inc
- Founders Lab
- Google Singapore
- Hilti Asia IT Services
- IBM Malaysia
- iTrain (M) Sdn Bhd
- K365labs Sdn Bhd
- Kaapagam Technology
- Microsoft Malaysia
- Prosper Solutions Sdn Bhd
- Sensata Technologies
- Shell Business Operations Sdn Bhd
- Spektra Alucast (M) Sdn Bhd
- Standard Chartered Bank
- Tech in Asia, Singapore
- Xyler Technologies Sdn Bhd
- E-Centric Innovation, Australia
- Shared Point Factory
- Connectcloud
- O2O Commerce



INDUSTRY ADVISORY PANEL (IAP)

Taylor's School of Computer Science works closely with the IAP to ensure the programmes offered are relevant to current IT industry practices and requirements. The IAP provides valuable input in developing and offering new curriculum to meet current and future market demands.

Basis Bay
Reengineering IT



F-Secure

(ISC)²

pwc

 **Microsoft**

IBM

ASA
The Business Technology Architect Association

MDEC



AMONG OUR NOTABLE IAP ARE:

Mr Ganapathy Sirgunavel

Chief Executive Officer
Cloud Analytics Sdn. Bhd.

Mr Effendy Zulkifly

Chief Executive Officer
BLOCKWORQ Sdn Bhd

Dr Muhammed Dzulkhiflee

IT Cohort Lead Quality Assurance
Hilti Asia IT Services

Mr Ahmad Khalil Mohamad Nooh

Chief Executive Officer
MESOLITICA Sdn Bhd

Ts Dr Sanath Sukumaran

Director
Agile Consultancy Sdn Bhd

Mohamed Harun

Board Member
USIM Tijarah Holdings Sdn Bhd

"Taylor's School of Computer Science has 100% graduate employability rate for 3 years in a row. All our graduates have been successfully employed within 3 months of their graduation."

INDUSTRY NETWORKING SESSION

This event is supported by IT professionals and consultants from various national and multinational companies across Malaysia. It's a platform for industry leaders to discuss trends and demands of the IT industry. Such events provide opportunities for exchange of ideas amongst students and professionals.

EMPLOYABLE GRADUATES

Our top employers include:

- Accenture
- Allianz
- Basis Bay
- BMW
- Deloitte
- Experian
- Hilti
- IBM
- Microsoft
- PwC
- Siemens

INDUSTRIAL ATTACHMENT REAL-LIFE EXPERIENCE



You will undergo a 6-month industrial training for the last 2 semesters of your programme. This will provide you with the necessary industrial experience and the opportunity to explore your interest and apply the knowledge acquired from the programme. Many of our industrial attachment partners are top ICT companies. A good percentage of our students are offered jobs in the same company after their industrial attachment.



We are delighted to note the level of knowledge and insights Taylor's students have with regards to computer security. This was evident even amongst your 1st year students.

Mr. Jesmond Chang

Corporate Communications Manager,
Kaspersky Lab

Taylor's works closely with the industry to understand the industry needs. We look forward to Taylor's producing more relevant graduates for the Digital Technology industry.

Dato' Ng Wan Peng

Chief Operating Officer,
Malaysia Digital Economy Corporation



The fast-moving IT environment provides plenty of challenges to IT students equipped with the right soft and hard skills. The changing market will need bright, motivated individuals who can look forward to challenging and exciting careers as IT is pervasive in all industries. Now, more than ever, IT is going to reshape the world we live in. Taylor's School of Computer Science has provided the right platform to achieve the same.

Mr. Lee Yu Kit

Chief Technology Officer, IBM Malaysia



We had an intern from Taylor's School of Computer Science who has shown great passion in the new industry of Big Data by showcasing understanding of Microsoft Azure Machine Learning for analytics in various seminar speaking engagements and hands-on lab workshops.

Mr. Navin Danapal

Senior Audience Manager,
Microsoft Malaysia





INDUSTRY CERTIFICATION

The industrial badges awarded by Salesforce reflect our program's focus on real-world skills, comprehensive training modules, and practical projects. Students benefit from rigorous assessments and expert-led instruction, ensuring they are well-prepared for roles in customer relationship management and cloud-based solutions.

The industry-wide recognition attached to these accreditations greatly enhances our students' career opportunities and the quality of our teaching faculty. They also ease the pathway for our students to pursue a professional qualification or further their studies upon graduation.

Some of the certifications undertaken by our students are as follows:

- Java Programming by Oracle Academy
- Online industrial badges by Salesforce
- AWS Cloud Practitioner Essentials by AWS
- Advanced Python Programming Professional (APPP) by CADS



Our highly-qualified faculty members also possess extensive industry experience and actively pursue professional certification in key areas of specialisation. Many of them are regarded as experts in their respective fields:

- Sun Certified Java 2 Programmer
- Certified Tester, Foundation Level, ISTQB
- Certified Professional for Requirements Engineering, IREB
- Project Management Professional (PMP)
- HUAWEI
- Red Hat Certified Administrator
- Introduction to SAP, ERP Trainer
- Data Modelling and Data-based Design, Oracle Intro to Oracle:
 - SQL & PL/SQL Oracle8i Managing Data, Oracle
- Salesforce Certification
- AWS Certification

AWARDS & RECOGNITION

2024



GOOGLE WORKSPACE HACKATHON 2024

Popularity Award and Consolation Prize
Group name: "SCAC"

Sim Hong Bing (BCS)

Ang Kar Kin (BCS)

Mentors:

Associate Professor Dr Goh Wei Wei (SCS)

Shaun Wong Tin Woi (TC)

Mr Phua Yeong Tsann (TC)

Consolation Prize

Group name: "dk what name"

Cheah Zixu (BCS)

Chow Suet Ling (BCS)

Ang Jia Min (BCS)

Ng Wan Qin (BCS)



ECONDEV 2024 INTERNATIONAL E-CONTENT DEVELOPMENT COMPETITION 2024

Enhancing Students Learning Using Simulation Tool in a Multidisciplinary Module
GOLD Medal

Mohammad Hadi Ahmadi

Milaghardan, Ariventhar A/L Ayahvoo

Mentors:

Associate Professor Ts Dr Goh Wei Wei

Ts Sumathi Balakrishnan



IUCEL X KNOVASI 2024

Utilising Gamification and Machine Learning to Foster Mental Well-Being in Education

Bronze Medal

Mohammad Hadi Ahmadi Milaghardan

Mentors:

Associate Professor Ts Dr Goh Wei Wei

Ts Sumathi Balakrishnan

Transforming Generation Z's Education with Virtual Reality Innovation Tool

Bronze Medal

Lim Yun Xuan

Mentors:

Associate Professor Ts Dr Goh Wei Wei

Ts Dr Charles Sharma Naidu



HACKATHON: CYBERSECURITY BEYOND THINKABLE 2024

Champion RM5000 award

Sim Hong Bing (BCS)

Sean Lim Jhun Yu (BCS)

Joyanne Poong Qi Yue (DIT)

Yuen Tze Svern (DIT)



HACKATHON: CYBERSECURITY BEYOND THINKABLE 2024

Second runner-up RM2000 award

Mentor: Associate Professor Dr Husin Jazri

Eugene Chong Jie Shan (BCS)

See Thoo Jun Lok (BCS)

Phoon ye kang (BSE)

Anamallah Bin Samshul Kamar (BCS)



2023



HILTI COMPETITION RUNNERS-UP

Tan Jia Chun (BSE), Lau Jing En (BSE), Malcolm Tan Yu Xuen (BCS), Chai Qi Qian (BCS), and Yap Ming Xuan (BCS)



LOREAL BRAINSTORM 2023 AT PARIS

Team F'oRéal from Taylor's University, Malaysia, comprised Brandon Tan Qi Loong, Caresse Tan Zhi Nie, and Teoh Wei Ean
Mentors: Ms. Norhidayah Hamzah (SCS) and Ms. Jamie Wan May San (Bizpod)



CAN YOU HACK IT 2023 COMPETITION

Top 5 teams to secure an Honourable Mention for the AI-powered Investment platform.
Tay Wei Shen, Yam Ke Li, and Ang Jia Min from School of Computer Science



MALAYSIA TECHNOLOGY EXPO (MTE)

Smartpeel: development of An internet of things (iot) Based medication adherence Monitoring and smart Reminder application – Bronze Medal

Bau Yi Sheng, Tan Shih Huang, Joash Chua Shu Xian, Pang Ren Jie, Tan Yi Khang
Mentors: Associate Professor Ts Dr Goh Wei Wei
Dr Navid Ali Khan



MALAYSIA TECHNOLOGY EXPO (MTE) 2023

Neurolytics - milddepression detection using eeg data in machine learning model – Bronze Medal
Vendella Hellena
Vighnesh Sivanesan
Loo Keat Jie
Mike Goh Chia Chung
Mentors: Associate Professor Ts Dr Goh Wei Wei
Ts. Sumathi Balakrishnan
Ts. Lim Eng Lye



MALAYSIA TECHNOLOGY EXPO (MTE) 2023

Crisis Management
Impact Lab: Digital Innovation and Smart Society
Bronze Medal
Ti Shin Kir, Edward Ooi Jing Kai, Choo Jer Lyn, Adrian Ngui Ming Fai, Jin Pukai.
Mentors: Ts. Sumathi Balakrishnan, Tee Wee Jing
Associate Professor Dr. Afizan Azman



IUCEL 2023 INTERNATIONAL UNIVERSITY CARNIVAL ON E- LEARNING (IUCEL)

Immersive Presentations with Personalization and Customization in Virtual Reality Environments (VLE) to Enhance Classroom Pedagogy
GOLD Medal
Sumaiya Rahman Oishee
Mentors: Associate Professor Ts Dr Goh Wei Wei
Ts Dr Charles Sharma Naidu

2022



MALAYSIA TECHNOLOGY EXPO MTE 2022 SILVER AWARD

HealthCamp – Fitness Video Streaming Android Application
Mohammed Saifeldeen Mohammed Ahmed, Asif Karim, Gong Lihao, Faris Mohamed Ahmed Hassan, Ts Dr Goh Wei Wei, Ts Sukhminder Kaur, Tee Wee Jing
Mentors: Associate Professor Ts Dr Goh Wei Wei
Dr Navid Ali Khan



HILTI COMPETITION 2022 CHAMPION (1st PLACE)

Evelyn Chen Slaw Yin (BCS), Mike Goh Chia Chung (BIT), Ng Zhen Lu (BCS), Vighnesh A/L Sivanesan (BCS)
Mentors: Ts Dr Goh Wei Wei, Tee Wee Jing, Ts Sukhminder Kaur

SILVER AWARD

Student Attention Deficit Alert and Profiling System (SADA)
Kim Pyeong Gwon, Andy Kwet Man Ng Choy Hing, Abdullah Nazir, Ong Shu Rong, Ts Dr Goh Wei Wei, Lim Eng Lye

2021



32ND INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION MALAYSIA 2021 (ITEX 2021)

SILVER AWARD

Smart Medication Management And Medicine Delivery System
Li Jie, Ts Dr Goh Wei Wei, AP Dr Noor Zaman



MALAYSIA TECHNOLOGY EXPO MTE 2021 SILVER AWARD

People's Market Opportunity (PMO) - category - Health & Well-being
Ts Sukhminder Kaur, Lee Teck Yung, Ryan Isacc, Khoo Kiat Ling, Chow Yui Shian, IR Ts Dr SivaKumar

BRONZE AWARD

Maintain Your Mind - category - Health & Well-being
Ts Sukhminder Kaur, Kor Jia Hong, Yeow Zhen Cong, Tan Gian Boon, Luo Qi Chen, IR Ts Dr Siva Kumar Sivanesan

SILVER AWARD

UAV-Based Smart Medicine Case
Li Jie, Ts Dr Goh Wei Wei, AP Dr Noor Zaman
<https://mte.org.my/uav-based-smart-medicine-case/>

SILVER AWARD

The Use of Augmented Reality in Collaboration Within the Construction Industry
Vighnesh Sivanesan, Lim Tong Xir, Ng Zhen Lu, Mike Goh Chia Chung, Ts Dr Goh Wei Wei, Tee Wee Jing
<https://mte.org.my/the-use-of-augmented-reality-in-collaboration-within-the-construction-industry/>



Taylor's has enriched my university experience as I get to have invaluable industry connections and global exchange opportunities. The knowledge gained in class also proved to be highly beneficial in my current work.

Zara Basyirah
Bachelor of Software Engineering (Hons)
Data Engineers
Payments Network Malaysia

Many independent research companies have indicated that there is a shortage of people with relevant ICT skills especially in the area of integrated software, business intelligence and other related areas. I am pleased to see that Taylor's has excellent training curricula in ICT and is helping in addressing the shortage.

Mr. Man Mohan Kapur
Director, Education Services, SAP

NOTABLE ALUMNI

Yallini Chander

Bachelor of Software Engineering 2021
Software Engineer
Dell Technology"

Evelyn Toh

Bachelor of Information Technology (Honours) 2021
Software Engineer
Intel Inc.

Chua Boon Keong

Bachelor of Information Technology (Honours) 2021
Application Development Manager
Maxis

Ranushah Rajah

Bachelor of Information Technology (Honours) 2021
Mobile App Test Engineer
Hilti Group

Jazmine Tan Yan Jin

Bachelor of Information Technology (Honours) 2021
IT Business Analyst
Hilti Group

Roshen Maghhan

Bachelor of Computer Science (Honours) 2020
Project Lead
Bank Negara Malaysia

Andrew Ng

Bachelor of Computer Science (Honours) 2020
Digital Business Analyst
Hilti Group

Lee Wei Liang

Bachelor of Computer Science (Honours) 2018
Digital Business Analyst
Hilti Group

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IBM Malaysia

www.ibm.com.my

International Association of Software Architects (IASA)

www.iasaglobal.org

International Multilateral Partnership Against Cyber Threat

www.impact-alliance.org

International Requirements Engineering Board (IREB)

www.certified-re.de/en International

Software Testing Qualifications Board (ISTQB)

www.istqb.org

IScoop

<https://www.i-scoop.eu/internet-of-things-guide/edge-computing-iot/>

Kaspersky Malaysia

www.kaspersky-sea.com

Malaysian Communications and Multimedia Commission (MCMC)

www.skmm.gov.my

Malaysian National Computer Confederation

www.mncc.com.my

Malaysian Software Testing Board (MSTB)

www.mstb.org

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MIMOS

www.mimos.my

Ministry of Science, Technology and Innovation

www.mosti.gov.my

MSC Malaysia www.msomalaysia.my Multimedia Development

Corporation (MDeC)

www.mdec.my

PIKOM, The National ICT Association of Malaysia

www.pikom.org.my

University of the West of England (UWE)

www.uwe.ac.uk

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GLOBAL CONNECTIONS



OVER 200
UNIVERSITY PARTNERS

LEADERS

**IN THE
GLOBAL
COMMUNITY**



**STUDENT
EXCHANGE**

SHORT TERM

MOBILITY



Taylor's is strongly committed to its mission of empowering the youth of the world through education, so that they may take their productive places as leaders in the global community.

As one of Malaysia's oldest, most successful and reputable private education institutions, Taylor's provides quality education and exposes students to the vast possibilities that await them beyond the classroom walls.

Through its partnerships with international universities and industry members, Taylor's is committed to providing an outstanding educational experience, guiding and helping students realise their potential to obtain a world-class qualification that meets the requirements of a dynamic, global marketplace.

GLOBAL EXCHANGE EXPERIENCES

SCAN TO
LEARN MORE



Are you eager to become a global citizen, broaden your horizons, and enrich your international perspective? Taylor's Global Mobility Programme provides students with the opportunity to widen their international exposure allowing students to gain new knowledge and skills in an area that is of interest to them thus benefiting from a multi-disciplinary learning environment and give their Taylor's degree an international edge.

TAYLOR'SPHERE CONNECTIONS & SUPPORT

RESEARCH AND TECHNOLOGY INNOVATION

Taylor's University has a firm footing in research and technology innovation as we believe these efforts will contribute towards knowledge building and assist in the development of the industry and society at large now and for the future. We adopt a progressive outlook, embedding research components throughout our programmes and encouraging them at various levels in each faculty.

OUR RESEARCH CENTRES PLAY A CRUCIAL ROLE IN ELEVATING THE CAPABILITIES OF OUR FACULTY MEMBERS THROUGH VARIOUS TRAINING ACTIVITIES AND TECHNOLOGY, MAKING US WORLD-CLASS.



BACHELOR OF COMPUTER SCIENCE (HONOURS)

KPT/JPS (R2/481/6/0256) (MQA/FA2541) 03/28

Bachelor of Science (Hons) Computing (UWE, UK)

3-Year Programme



- Data Science
- Cyber Security
- Mobile Computing
- Artificial Intelligence

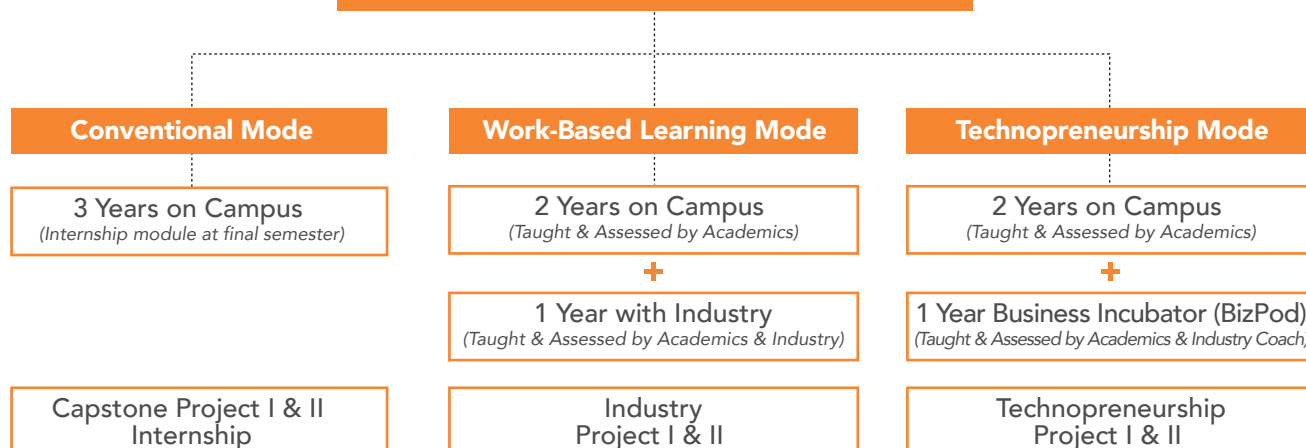
INTAKE: FEBRUARY, APRIL & SEPTEMBER

Computer Science is considered to be the foundational science that takes scientific and practical approaches to computerisation and its application. The programme will cover the methodical processes such as algorithms, in order to acquire, represent, process, store, communicate and access information.

This programme offers Work-based Learning and Technopreneurship mode. Please refer to the next page Industry Partners and mentors.

Primary Core	Complementary Studies
<p>Year 1</p> <ul style="list-style-type: none"> • Database Systems • Computer Architecture and Organisation • Object Oriented Programming • Discrete Structures • Principles of Software Engineering • System Analysis and Design • Data Structures and Algorithms • Operating Systems • Advanced Programming <p>Year 2</p> <ul style="list-style-type: none"> • Computer Networks • Machine Learning and Intelligent System • Ideating Start-up • Specialisation modules <p>Choose ONE (1) of the options:</p> <p>Option 1: Cyber Security (Dual Award)</p> <ul style="list-style-type: none"> • Computer and Network Security • Computer Intrusion Detection • Computer Crime and Digital Evidence • Wireless Networks and Security <p>Option 2: Data Science (Dual Award)</p> <ul style="list-style-type: none"> • Statistical inference and modeling • Data Science Principles • Data Mining • Big Data Technologies <p>Option 3: Mobile Computing (Dual Award)</p> <ul style="list-style-type: none"> • Introduction to Mobile Computing • Mobile Applications Development • Wireless Networks and Security • Internet of Things <p><small>*Work-based Learning mode or Technopreneurship mode available in third year. (Taught & Accessed by Academics & Industry)</small> <small>*Students must select their specialisation during enrolment. It is advised to make changes of specialisation within Year 1. Take note that any change of specialisation during studies can impact study duration and fees.</small></p>	<p>Choose ONE (1) of the below packages:</p> <p>Extension</p> <p>For Option 1: Cyber Security, choose one of the Extension package :</p> <ul style="list-style-type: none"> • Data Science • Artificial Intelligence • Business Intelligence and Analytics • Mobile Computing • Digital Transformation <p>For Option 2: Data Science, choose one of the Extension package :</p> <ul style="list-style-type: none"> • Mobile Computing • Cyber Security • Internet Technologies • Artificial Intelligence • Digital Transformation <p>For Option 3: Mobile Computing, choose one of the Extension package :</p> <ul style="list-style-type: none"> • Data Science • Artificial Intelligence • Business Intelligence and Analytics • Cyber Security • Digital Transformation <p>For Option 4: Artificial Intelligence, choose one of the Extension package :</p> <ul style="list-style-type: none"> • Cyber Security • Mobile Computing • Internet Technologies • Business Intelligence and Analytics • Data Science <p><i>Note: Students must choose an Extension package that is different from their chosen specialisation.</i></p> <p>or</p> <p>Minor</p> <p>Recommended Packages:</p> <ul style="list-style-type: none"> • Creative Media Design • Advertising • Biotechnology • Accounting • Management • International Business • Entrepreneurship • Finance • Marketing <p><i>Choose any Minor package* offered by Taylor's University. Refer to the Flexible Study Guide for the list of Minor packages.</i></p> <p>or</p> <p>Second Major</p> <p><i>Choose any Second Major package* offered by Taylor's University. Refer to the Flexible Study Guide for the list of Second Major packages.</i></p> <p>or</p> <p>Free Electives</p> <p><i>Choose any FIVE (5) Free Electives* offered by Taylor's University. Refer to the Flexible Study Guide for the list of Free Electives.</i></p> <p><small>*Subject to availability</small> <small>*Meet min. module pre & co-requisite</small></p>
<p>University Core</p> <ul style="list-style-type: none"> • Penghayatan Etika dan Peradaban / Bahasa Melayu Komunikasi 2 • Falsafah dan Isu Semasa • Emotional Intelligence in Action (EI) • Kursus Integriti dan Antirasuah (KIAR) • Social Innovation Project <p><small>*Students are requested to take Bahasa Kebangsaan A if they do not obtain a Credit for Bahasa Malaysia in SPM.</small></p>	<p>88 Credit Hours</p>
<p>12 Credit Hours</p>	<p>Note :</p> <p>Primary Core + University Core + Extension = Min. 3 Years (120 Credit Hours)</p> <p>Primary Core + University Core + Minor = Min. 3 Years (120 Credit Hours)</p> <p>Primary Core + University Core + Second Major = Min. 3.5 Years (148 Credit Hours)</p> <p>Primary Core + University Core + Free Electives = Min. 3 Years (120 Credit Hours)</p>

Triple Track Degree Programme



ELEVATE YOUR CAREER READINESS

Work-based learning (WBL) provides students hands-on experience with industry partners for a year. During this duration, students will gain real world, practical learning experiences. This complements the classroom learning that students would have gained in their first two years of their degree, increasing their career readiness.

WORK-BASED LEARNING INDUSTRY PARTNERS (WBL)

Companies	Nature of the Company
Edge Asia Digital Services Sdn Bhd (Aleph Labs Malaysia)	Personal Care Services
Axiata Digital & Analytics Sdn Bhd (ADA)	Data transformation, sales transformation, and digital marketing
Finexus International Sdn Bhd	Financial and technology services
Glueck Technologies Sdn Bhd	Innovative emotion analysis technologies
Hilti Asia IT Services Sdn Bhd	Professional IT Services
Hitachi eBworx Sdn Bhd	Fintech Solutions
Juris Technologies Sdn Bhd	Software / Mobile Application Development
K365 Labs Sdn. Bhd	Software Quality Engineering
LeadAlways Technology (M) Sdn Bhd	Software / Mobile Application Development
Macro Kiosk Berhad	Mobility Solutions
SeeSharp Solutions Sdn Bhd	Software / Mobile Application Development
Sunmaker Energy Uganda Ltd	Oil and Gas services and solutions
Western Digital (M) Sdn Bhd	Firmware and Software Development
Cloud-Kinetics (NEW)	Cloud and digital transformation
FusionQB Sdn Bhd (NEW)	Information technology and services
Strateq Group of Companies (NEW)	Integrated enterprise solution and services

Note: List of Industry Partners is accurate at the time of printing. The list will continue to expand.

TECHNOPRENEURSHIP

In the Technopreneurship track, students in their final year of study can work on their own start-up project in an incubator known as BizPod to analyse and design a product that has technological and entrepreneurship potential.

Be coached by experienced industry mentors who are successful in their fields and knowledgeable in start-ups, in addition to academic supervisors.

BIZPOD INDUSTRY MENTORS

Mentor	Profile
Jessie Chong Director of BizPod Founder of BoozeEat	Passionate in transforming the way start-ups ignite launch and grow their businesses
Heislyc Loh Founder of StartupMamak Managing Director of Founder Institute Malaysia	Community builder and thought leader on tech startups entrepreneurship in Southeast Asia
Kim Lim CEO and co-founder of PichaEats	Her innovation social enterprise helps refugees make both food and a living
Vincent Kok Chief Executive Officer of VMO	Veteran of the digital industry in Malaysia with his involvement in digital media developments of information
Mohd Atasha Chief Executive of Foxymojo	Business advisor enthusiast active in tech start-ups ecosystem dealing extensively with founders, investors, corporate & government
Dr Aly Alias Stephen Nah Co-founder of Hair Transplant Solutions	Medical doctor turned successful Doctorpreneur
Dr Ingky (Dr Lim Ing Kien) Founder of Skynfyx	Pioneer of the World's First Digital Skin Clinic
Dato' James Foo Co-founder of Authority Institute Co-creator of the New Profits Framework	Global serial entrepreneur, published author and a sought-after keynote speaker
Ng Sai Kit Chief Executive of Captii Ventures	Heads multi-stage investor in Southeast Asia and connects tech start-ups across Southeast Asia
Kenneth Ho Founder and executive director of BEAMSTART	Serial entrepreneur and angel investor

TEACHING & LEARNING SUPPORT



TEACHING & EDUCATIONAL DEVELOPMENT (TED)

Teaching and Educational Development (TED) at Centre For Future Learning is an award-winning department that supports the work of academic staff to create excellence in teaching through practice, development, and innovation.

TED offers workshops and seminars that address a range of timely topics associated with teaching, learning and technology in higher education.



E-LEARNING ACADEMY (eLA)

eLA's task is to help our academic staff effectively implement the use of technology in ensuring our students learning journey is seamless enabling them to learn in a collaborative, self-directed and personalised manner, anytime and anywhere.

Academics are recommended to utilise technology and tools such as ReWIND videos, Zoom, Microsoft Teams meeting, Google Classroom, Screencast-O-Matic, to name a few.

Despite the unprecedented challenges, eLA is here to support Taylor's academics and students to continuously learn and teach via online modalities.



ACADEMIC ADVISORY

Centre for Academic Programme Management (CAPM) works with all academic faculties in providing necessary academic support to students so as to ensure they graduate on time. CAPM has mechanisms in place to keep track of students and intervene where need be.

FLAME (First Year Learning and Mentoring) is Taylor's signature mentoring programme developed to assist newly enrolled First-Year students to settle into University & College life and study, gearing them towards achieving their personal learning goals.





**TAYLOR'S
UNIVERSITY**

Wisdom · Integrity · Excellence

Rise With The Best™

Where our community is our strength

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JPT/BPP(D)1000-701/502(16) DU023 (B)

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Tel : +603-5629 5000

Fax : +603-5629 5001

Email : applications@taylors.edu.my

Website : university.taylors.edu.my

Taylor's Education Counselling Centres

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• Johor office	Tel: +607-351 3692 / 3694	Mobile: +6017-302 8188
• Sabah office	Tel: +6088-338898	Mobile: +6012-605 0802
• Sarawak office	Tel: +6082-384998	Mobile: +6016-760 7639
• Melaka Region	Mobile: +6012-655 0803	
• East Coast Region	Mobile: +6012-878 1907	

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