

POSTGRADUATE PROGRAMMES

2024



No. 1 Private Non-Government Linked University

in Malaysia on the Times Higher Education World University Rankings 2024



QS World University Rankings 2024

Ranked Top 600 in the world



Talentbank Index

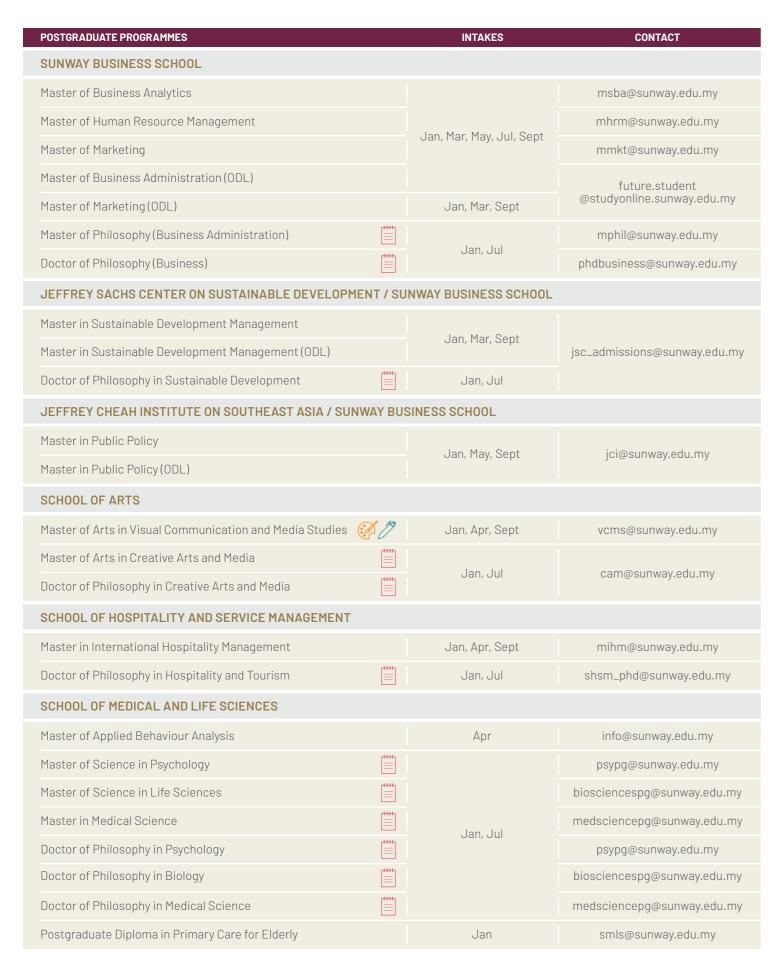
#1 in Graduate Employability 2022, 2023 & 2024

WORLD'S
TOP 2%
SCIENTISTS

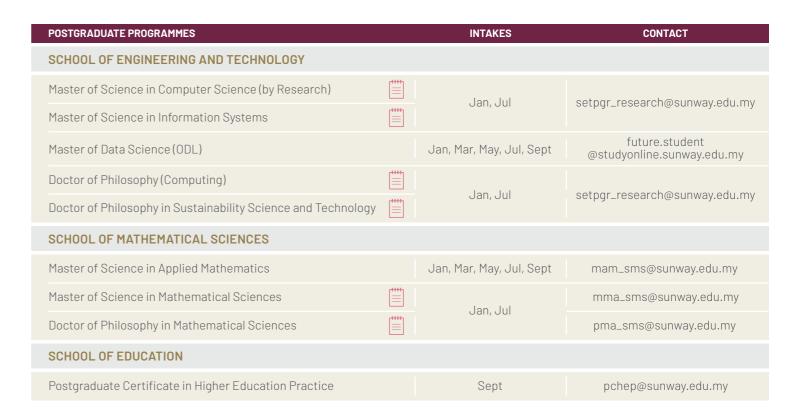
2023 Stanford University Rankings

Sunway University is the only private university in Malaysia with the highest number of top 2% of scientists in their respective disciplines

POSTGRADUATE PROGRAMMES ▶



Browse through the postgraduate programmes we offer at Sunway University



PRE-REOUISITE MODULE

ABOUT THE MODULE

The module was designed to provide a pathway for graduates from non-related discipline to enter our postgraduate (taught) masters programmes.

Each pre-requisite module will be conducted fully online and through self-paced learning. The student can complete the content (40 hours) at their own pace within 7 weeks and must not take longer than 2 months.





Pre-requisite module / s



Entry into a Taught Master's degree



APEL.A

Sunway University is an assessment centre for APEL.A.

APEL.A (Accreditation of Prior Experiential Learning for Access) provides an alternative entry for individuals with working experience but lack formal academic qualifications to pursue their Master's degree.

Individuals who pass the assessment for APEL.A will receive a certificate from the Malaysian Qualifications Agency (MQA). With this certificate, individuals will be eligible to enter our Master's degree*.

APEL.C

APEL.C presents an opportunity for students to leverage your work experiences and non-formal education into certified qualifications. Students will be able to complete their studies earlier.

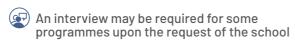
*For selected programmes only

SPECIFIC REQUIREMENTS | Refer to the back cover for further details

Research Statement







SUNWAY BUSINESS SCHOOL





Sunway Business School is the FIRST private Malaysian university to attain the globally prestigious AACSB accreditation. It is the gold standard for business schools as less than 6% of business schools worldwide have been accredited by AACSB.

(AACSB - Association to Advance Collegiate Schools of Business)



Times Higher Education (THE) **World University Rankings 2023**

#301-400 for Business & Management



QS World University Rankings by Subject 2023

#401-450 for **Business and Management Studies**

MASTER OF BUSINESS ANALYTICS

Transform into a business-savvy and data wizard

- Lead the Industrial Revolution 4.0 and change the way we live
- Comprehensive and industry-relevant programme
- Exposure to latest tools and software widely used by the industry
- Learn how to harness the power of data to drive strategic decisions and future-proof your career



MASTER OF HUMAN RESOURCE MANAGEMENT

Shape tomorrow's workplace today

- The only CIPD Level 7 approved programme in Southeast Asia
- For aspiring HR professionals
- Upgrade your status to Associate Membership CIPD

Validated by:

Chartered Institute of Personnel and Development



MASTER OF BUSINESS ADMINISTRATION (ODL)

Upgrade your career and expand your horizons from the comfort of your own space

- A flexible, forward-thinking qualification for business professionals
- Build fit-for-purpose skills to embrace the ever-changing modern business landscape
- Receive the opportunity to gain full membership from the Chartered Management Institute (CMI)

Validated by:



MASTER OF MARKETING (ODL)

- Ace agility, dominate data and evolve your career
- Designed to future-proof your career
- Industry-informed with highly relevant subjects to ensure transformative, dynamic, and optimised learning outcomes
- Soar to greater heights in the 21st marketing landscape
- Learn how to harness the latest cutting-edge tools used widely by the industry



MASTER OF MARKETING



- Shape perceptions, drive customer engagement and craft compelling narratives
- Excel and thrive in the ever-evolving marketing sphere with the latest cutting-edge technologies
- Receive the opportunity to gain The Chartered Institute of Marketing (CIM) Postgraduate Diploma











MASTER OF PHILOSOPHY (BUSINESS ADMINISTRATION)

Become the beacon of innovation in the business domain

- Uncover innovative solutions to transform organisations, industries and economies
- Unravel the complexities of modern business challenges
- Satisfy your intellectual curiosity and cultivate your skills in research design, rigorous analysis and data interpretation



R PhD IN BUSINESS



Leave your lasting mark in the business realm

- Contribute groundbreaking insights to the business discipline
- Revolutionise industries with your discoveries and configure the future of business practices
- Become an agent of change and a driver of innovation in the business world



- Energy finance
- Fintech
- Sustainability reporting
- Green supply chain management
- Sustainable cities and communities
- Women entrepreneurship
- IoT applications
- Social media analytics
- · Big data analytics
- Green marketing
- Sustainable communications
- Digital piracy

















JEFFREY SACHS CENTER ON / JEFFREY CHEAH INSTITUTE SUSTAINABLE DEVELOPMENT / ON SOUTHEAST ASIA

SUNWAY BUSINESS SCHOOL





The Jeffrey Sachs Center on Sustainable Development (JSC) tackles the sustainability agenda through education, training, research, and policy advisory. It is the Asian base of the United Nations Sustainable Development Solutions Network. The Center operates under the supervision of Professor Jeffrey D. Sachs, one of the world's leading experts in sustainable development.



MASTER IN SUSTAINABLE DEVELOPMENT MANAGEMENT

Learn under the Asian base of the United Nations Sustainable Development Solutions Network

- Under the Jeffrey Sachs Center on Sustainable Development (JSC)
- Become adept at management and problem-solving using analytics and systems thinking guided by global concerns
- Create innovative solutions to achieve the Sustainable Development Goals (SDGs) in scientific, economic, business and technological aspects



PhD IN SUSTAINABLE **DEVELOPMENT**

Lead the next generation to achieve the 17 Sustainable Development Goals (SDGs)

- Tackle pressing global challenges in the current climate
- Engage with leading academics and scientists to combat against the urgent sustainability adversities of the century
- Become a catalyst for change and contribute to a more sustainable future



- Climate change
- Waste management
- Energy systems
- Wildlife and forestry
- Transportation and mobility
- Sustainable tourism
- Smart technologies Renewable energy

- Corporate strategies and operations
- Green finance









The Jeffrey Cheah Institute on Southeast Asia (JCI) is an independent public policy think-tank which works closely with the Jeffrey Sachs Center on Sustainable Development (JSC). The mission of JCl is to develop efficient and equitable solutions to some of the region's most pressing development problems.



MASTER IN PUBLIC POLICY



Drive impactful change and shape the world as a policy protagonist

- Create practical solutions for real-world policy problems
- Develop skills that are highly transferable across sectors, issues and regions
- A multidisciplinary focus in economics, quantitative analysis and public policy management



JCI'S RESEARCH PILLARS

ECONOMICS

- Development Economics
- Monetary Economics
- Political Economy
- Capital Markets
- Productivity & Economic Growth
- Regional Economics
- Human Capital Development
- Foreign Direct Investment & Trade

GOVERNANCE

- Political Science
- Public Administration
- Institutional Reform
- Electoral Reform

EDUCATION & SOCIAL PROGRESS

- Social Policy & Welfare
- Education Reform
- Social Protection
- Urban Studies
- Pandemic Resilience





















SCHOOL OF ARTS





MASTER OF ARTS IN VISUAL COMMUNICATION AND MEDIA STUDIES

Level up as a technological storyteller

- Learn how to use contemporary media to develop new narratives
- Apply storytelling into the latest forms of technology
- Experience utilisation of latest technologies: 360° video, augmented reality, virtual reality and social media



RESEARCH

AREAS



MASTER OF ARTS IN CREATIVE ARTS AND MEDIA

Be an artistic engineer of the creative economy

- Network with fellow creative minds and professionals
- Contribute new understandings and insights to disciplines aligned in the creative arts and media area

PhD IN CREATIVE ARTS AND MEDIA



Lead as a cultural engineer in the field of Arts

- Develop research outcomes of national and international significance
- Engage with leading scholars, researchers and practitioners
- Solidify your position and expand your influence within the Creative Arts and Media fields through your research and findings

Digital worlds and media

Virtual reality, immersive experiences, broadcasting, social media, new media, branding and advertising

Cities

Space, streets, architecture

Performance and creation

Film, music theatre, traditional arts, design, performance and creative processes

Culture and heritage

History of cultures, history of art, material culture, crafts, popular cultures, gender studies, ethnomusicology, Southeast Asian film

RESEARCH CENTRES

Centre for Research-Creation in Digital Media (CRCDM)

CRCDM seeks to be a cornerstone for transformative digital media research, scholarship, transcultural collaboration, metadesign and innovation to advance Sunway University onto the global new media-scape.

Collaborating Institutions

- · School of Art, Design and Media, Nanyang Technological University
- Lancaster Institute for the Comtemporary Arts, Lancaster University
- UNSW Art & Design, University of New South Wales
- University of South Australia
- Electronic Cultural Atlas Initiative, UC Berkeley
- The University of Nottingham Ningbo, China
- University of Bradford
- City University of Hong Kong and more!

Centre for South Asian and Indian Ocean Studies

SAIOS is an interdisciplinary research centre established to study the shared culture of countries surrounding the Indian Ocean. A particular focus will be on the history, society and economy of South Asia (India, Pakistan, Bangladesh and Sri Lanka).

Collaborating Institutions

- The Asian Consortium for South Asian Studies
- The Indian Association for South Asian Studies
- · Integrated Area Studies on South Asia (INDAS), Japan
- Graduate School of African and Asian Studies (ASAFAS), University of Kyoto
- Indian Ocean Seminar, Georgetown University,
- · Centre for Gulf Studies, University of Qatar
- Department of History, University of Leeds
- Centre for South Asian Studies and School of History, University of Edinburgh

SCHOOL OF HOSPITALITY AND SERVICE MANAGEMENT



MASTER IN INTERNATIONAL HOSPITALITY MANAGEMENT

Evolve into an international hospitality and service maestro

- Curated to meet the constantly evolving hospitality industry needs
- Be equipped with industry insights, interdisciplinary knowledge, global management styles and strategic decision-making techniques
- Exposure to highly-qualified staff with industry experience





- Acquire research opportunities and collaborations with our national and international partners and networks within ASEAN and beyond
- Collaborate with our Asia Pacific Centre for Hospitality Research (APCHR) for research excellence
- Become part of an international community and a group of respected scholars who actively shape and promote the advancements in hospitality and tourism



- Islamic hospitality and tourism
 Heritage and conservation
- Sustainable tourism
- Destination branding
- Wine consumption trends and behaviour
- Hospitality marketing and branding
- Ecotourism
- Film-induced tourism
- Green marketing
- Food sustainability
- Food tourism branding
- Indigenous people & tourism







RESEARCH CENTRES



Asia Pacific Centre for Hospitality Research (APCHR)

- Established to foster research activities and advancements in the Hospitality and Service Management industry
- Develops collaboration with local and international partners
- Research Seminar: Scholars present and discuss recent issues and trends in the fields of hospitality, tourism, leisure, culinary arts and events

Centre for Hospitality Innovation and Leadership (CHIL)

- Bridges the gap between academia and the industry
- Contributes to talent development and business innovation
- Industry-relevant research and consultancy



















SCHOOL OF MEDICAL AND LIFE SCIENCES



MASTER OF APPLIED BEHAVIOUR ANALYSIS

Adhering to the standards of:

MABA



Empower positive change in society

- The FIRST and ONLY provider in the Southeast Asia region
- Your pathway to become a Malaysia Certified Behaviour Analyst (MCBA)
- Build your network and access MCBA-approved supervisors and clinics at diverse settings
- Subjects guided by the curriculum from Association for Behavior Analysis International® (ABAI®)
- Create and design programmes for behaviour modification
- · Work to improve the daily lives and interactions of people with neurodivergence i.e. autism



MASTER OF SCIENCE IN PSYCHOLOGY

Become a specialist in an area of Psychology

- Undertake independent investigation into your topic of interest in an area of Psychology
- Boost your career potential with expert skills and attributes
- Open the door to your PhD with this first step





- Facilitate and contribute towards the advancement of Psychology
- Develop applicable problem-solving and critical thinking skills for future learning and work environments
- Establish yourself as a premier Psychology scholar



- Biological psychology
- Cognitive psychology
- Social psychology
- Development psychology
- Individual differences
- Applied psychology
- Research methods











- In collaboration with Malaysian Society of Geriatric Medicine (MSGM)
- Combat the increase in the global ageing population
- Tackle the increased complexities in the field of medicine

In collaboration with:





MASTER OF SCIENCE IN LIFE SCIENCES

Validated by: Lancaster University

Lead in the industries of health, biopharmaceutical and education industries

- Exclusive access to specialist medical and biological facilities - Sunway Medical Centre and Sunway Wildlife Park
- Conduct original research and extend the frontiers of Life Sciences





Spearhead the industry as an elite Biologist

- Collaborate and forge lasting relationships within both academia and industry
- Be supervised by Sunway University's qualified and experienced supervisors and leading academics



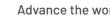
- Nanomedicine
- Virology and infectious diseases
- Ecosystem services
- Superbugs and antibiotic resistance
- Drug discovery
- Ecology and conservation
- Marine biotechnology
- Neurobiology



MASTER IN MEDICAL SCIENCE

- C Embark on your pathway in a specialised branch of Medical Science
 - Opportunities for national and international collaborations
 - Exposure to rich clinical experience and specialised training courses

PhD IN MEDICAL SCIENCE



Advance the world's health and medical care

- Be actively engaged in bidirectional translational medicine
- Study current issues from patients and medical in the laboratory setting
- Transform scientific discoveries into new treatments and approaches to improve community health and medical care



- Cancer
- Cell biology
- Immunology
- Medical imaging
 - Neuroscience
 - Nutrition science
- Pathology
- Pharmacology
- Radiation
- Toxicology

• Tissue engineering

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- Virology







Students from our postgraduate programmes often have the opportunity to collaborate with our outstanding research centres:

- Center for Vaccine and Virus Research
- Research Centre for Crystalline Materials
- Aging Health and Well-being Research Centre (CARE)
- ASEAN Microbiome Nutrition Centre (AMNC)

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SCHOOL OF ENGINEERING AND TECHNOLOGY







Validated by: Lancaster 🔀 University 🐫



Validated by: Lancaster University

Ensure the success of today's modern enterprises in IT

- Devise groundbreaking solutions for data systems aimed at facilitating decision-making and
- Enrich your critical thinking, research and analytical skills

management of information resources

• Enhance your skills and transition into leadership roles to enable digital transformation

Advance the boundaries of computing, technology and innovation

world of computing and technology

computing and technology domains • Meet the needs of the information-rich modern

• Conduct research in current and emerging

 Contribute pioneering and innovative advancements to the industry and academia

Spearhead advancements in the computing industry

- Position yourself to influence industries and the global landscape
- Solve modern challenges alongside our experienced and highly-qualified faculty members
- 5G networks

COMPUTING

PhD IN

- Telerobotics Artificial intelligence
- Big data analytics
- Blockchain

Mobile computing

Data mining

interaction

- Quantum computing
- AR and VR · Human-computer











to collaborate with our outstanding research centres:

- Research Centre for Nano-Materials and Energy Technology
- Sunway Centre for Electrochemical Energy and Sustainable Technology

Students from our postgraduate programmes often have the opportunity





Become a data science whiz

- Learn concepts, theories and tools of data science for real-world application
- Excel at analysis and manage a world of data
- Learn to apply data-driven insights alongside technical and managerial capabilities



Empower the world with your sustainable ideas

- Developed in line with the United Nation's (UN) Sustainable Development Goals (SDG)
- Supported by unique state-of-the-art lab facilities with brand-new and high-end equipment
- Emerging nanomaterials
- Energy storage
- Advanced heat transfer fluids
- Sustainable smart city
- Machine learning
- Renewable energy
- CO² capture and utilisation
- Radiation physics
- Waste and wastewater treatment
- Thermoelectrics and energy harvesting



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R Research











SCHOOL OF MATHEMATICAL SCIENCES





Become a mathematical and statistical mastermind

- Be equipped with globally-utilised mathematical tools and knowledge
- Focus on industry-relevant skills such as optimisation and optimal control
- Address ongoing and potential future impacts of global events

MASTER OF SCIENCE IN MATHEMATICAL SCIENCES

Become a miracle mathematics marvel

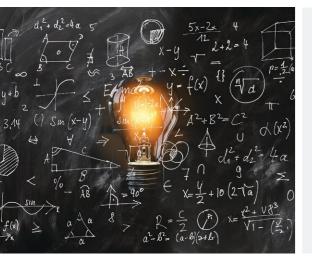
- Research your specialised interest in Mathematical Sciences
- A springboard for your pathway to PhD

R | PhD IN MATHEMATICAL SCIENCES

- Push the boundaries of the mathematical realm
 - Develop strong mathematical, analytical and statistical data analysis skills
 - Be at the forefront of your specialised field as an expert and qualified researcher



- Applied statistics
- Combinatorics
- Computational fluid dynamics
- Credit risk modelling
- Evolutionary computation
- Graph theory
- Longevity study
- Neural networks
- Optimal control
- Time series modelling





Centre for Actuarial & Analytics Research (CAAARE)

The key functions of CAAARE are:

- Promote research activities and consultancy services to the general public and private sectors
- Develop new and existing collaborative research networks
- Build relationships with the relevant professional societies of researchers locally and internationally
- Provide expertise to support the emerging industry and applied economic research
- Partner with any relevant organisation to accelerate knowledge and technology transfer

SCHOOL OF EDUCATION





POSTGRADUATE CERTIFICATE IN HIGHER EDUCATION PRACTICE

Enhance your capabilities as a Higher Education practitioner

- Accredited by Advance HE gain a Fellowship of Advance HE
- Develop inclusive and effective teaching skills from educational theories
- Learn to integrate technology into your teaching to enhance student engagement
- Practice-based programme focused on improving teaching in higher education



SCHOLARSHIPS & BURSARIES

Sunway University **Taught Masters** Scholarship

Sunway University Postgraduate by Research Scholarship

SHSM Service Industry Scholarship for Postgraduate Studies

Sunway Alumni Bursary

and more!

For more information, kindly scan the QR code or refer to

https://scholarship.sunway.edu.my/



RESEARCH @ SUNWAY







INTERDISCIPLINARY

ENCOMPASSING

INCLUSIVE

Rapidly establishing itself as a university that advances multidisciplinary and interdisciplinary research on the global stage, Sunway University is committed to solving global challenges particularly in the areas of sustainable development and planetary health.

RESEARCH STRATEGY 2022 - 2025

The plan sets out seven thematic areas to build on our current research focus while providing the University's direction and focus.



Impact

Develop a world-class research culture and impact



Talent

Visibility

Creating global

research footprints

Retain, recruit, nurture and reward world-class research talent



Partnerships Deliver global impactful

R&D and innovation through collaborative research partnerships



impacts the society,

environment and economy

A resilient and agile research management workforce





Infrastructure

Enhance and enable

access to world-class

research infrastructure

For more information about our staff, kindly scan the QR code or refer to

https://sunwayuniversity.edu.my/staff-profiles

















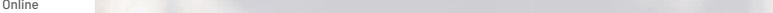
C Conventional

'AdvanceHE

Member

Sunway University is a member of Advance HE:







UPSKILL AND FURTHER ADVANCE YOUR CAREER WITH OUR POSTGRADUATE PROGRAMMES



Choose between full-time and part-time study options to accommodate your work schedule



Industry-relevant and job-ready programmes and curricula



Abundant networking opportunities with renowned lecturers, distinguished research supervisors and industry experts

Numerous research centres and research collaborations with leading international universities









HOW TO APPLY

Kindly email the following documents to the respective programme for an eligibility check.

After passing the eligibility check, the school administrator will brief the student further regarding the application process.

REQUIRED **DOCUMENTS**



Bachelor's / Master's degree transcript



Completion certificate



Curriculum Vitae

SPECIFIC REQUIREMENTS

Applicable to certain programmes (refer to indicators on page 2)



Research Statement/Proposal

Briefly describe the research question that you intend to pursue and the purpose of the research.

Please include the following:

- Working title
- Literature review
- Research methodology
- References

Personal Statement

Outline your interest and goals in pursuing graduate study.

Please include the following:

- Description of your background
- Areas of interest in this field
- Professional goals
- Outcomes you hope to get from this programme



Portfolio

5 - 15 examples of your own original creative work to demonstrate your expression of concepts through media. Any form of media is acceptable i.e. video, audio, photographs, drawings, 3D work, games or other applications.



Interview

An interview may be required for some programmes upon the request of the school.

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Sunway University



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