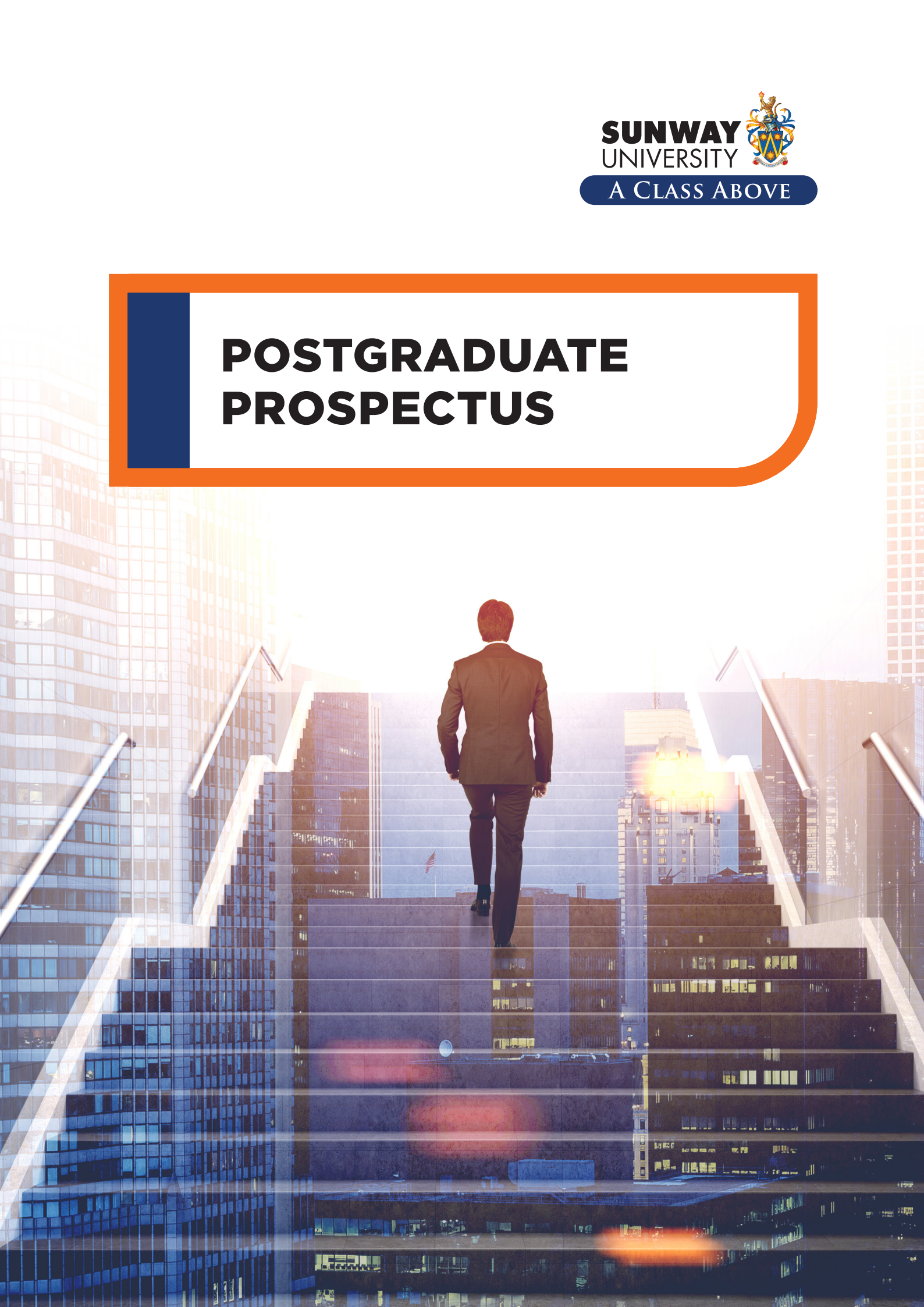


# POSTGRADUATE PROSPECTUS



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- |  |   |
|--|---|
| - Master of Business Administration          | - Master of Marketing (Online)                    |
| - Master of Business Administration (Online) | - Master of Management (Online)                   |
| - Master of Human Resource Management        | - Master of Philosophy (Business Administration)  |
| - Master of Finance (Online)                 | - Doctor of Philosophy (Business)                 |
| - Master of Business Analytics               | - Doctor of Business Administration               |
| - Master of Business Analytics (Online)      | - Master in Sustainable Development Management    |
| - Master of Marketing                        | - Doctor of Philosophy In Sustainable Development |

### 14 School of Education

- |                                  |                                     |
|----------------------------------|-------------------------------------|
| - Master of Education (Taught)   | - Doctor of Education               |
| - Master of Education (Online)   | - Doctor of Philosophy In Education |
| - Master of Education (Research) |                                     |

### 16 School of Mathematical Sciences

- |  |   |
|--|---|
| - Master of Science in Actuarial Analytics | - Master of Science in Mathematical Sciences    |
| - Master of Science in Applied Mathematics | - Doctor of Philosophy in Mathematical Sciences |

### 18 Faculty of Engineering and Technology

- |   |  |
|---|--|
| - Master in Artificial Intelligence     | - Doctor of Philosophy (Computing)                               |
| - Master in Advanced Computing          | - Doctor of Computing  |
| - Master in Digital Engineering         | - Doctor of Philosophy in Sustainability Science and Engineering |
| - Master in Data Science (Online)       | - Doctor of Engineering  |
| - Master of Science in Computer Science | - Research Centres   |

### 24 Faculty of Medical and Life Sciences

- |   |   |
|---|---|
| - Master of Applied Behaviour Analysis            | - Doctor of Philosophy in Biology                 |
| - Master of Counselling                           | - Master in Medical Science                       |
| - Masters of Counselling (Clinical Mental Health) | - Doctor of Philosophy in Medical Science         |
| - Master of Science in Psychology                 | - Master in Nursing                               |
| - Doctor of Philosophy in Psychology              | - Doctor of Philosophy in Nursing                 |
| - Master of Science in Life Sciences              | - Postgraduate Diploma in Primary Care of Elderly |

### 30 Faculty of Arts and Social Sciences

- |  |   |
|--|---|
| - Master of Arts in Communication                          | - Master of Arts in Creative Arts and Media       |
| - Master of Arts in Visual Communication and Media Studies | - Doctor of Philosophy in Creative Arts and Media |

### 32 School of Hospitality and Tourism Management

- Master in International Hospitality Management
- Doctor of Philosophy in Hospitality and Tourism

### 34 Scholarships

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# WELCOME TO SUNWAY UNIVERSITY

Sunway University is one of Malaysia's leading private universities dedicated to providing quality holistic education for all regardless of race, creed or financial standing. By upholding our core values of Integrity, Humility and Excellence, we support the discovery, advancement, transmission and application of knowledge that meets the needs of our society and the global community. Our values-based education guides our actions and behaviour. We strive to ensure our campus community develops a sustainable mindset by embracing an ecological worldview, by understanding systems perspective and by developing emotional intelligence.

Sunway University is part of the Sunway Education Group which is owned and governed by the Jeffrey Cheah Foundation (JCF), Malaysia's largest education-focused social enterprise. Through this unique not-for-profit structure, operating surpluses are channelled back into the institutions or disbursed as scholarships, research grants and expansion funds for faculty and facilities to ensure quality education in perpetuity.



## WHY STUDY AT SUNWAY UNIVERSITY?



#1

**PRIVATE UNIVERSITY IN THE ASEAN REGION**

AppliedHE ASEAN Private University Ranking 2025



#1

**MALAYSIAN NON-GOVERNMENT LINKED UNIVERSITY**

Times Higher Education World University Rankings 2026



#1

**PRIVATE UNIVERSITY RANKED IN MALAYSIA**

2025 UiGreenMetric World University Rankings

**ONLY MALAYSIAN PRIVATE UNIVERSITY IN ARWU 2024**

ShanghaiRanking Academic Ranking of World Universities 2024



**ONLY TRIPLE-RANKED PRIVATE UNIVERSITY IN ASEAN**



Ranked in:

- Times Higher Education World University Rankings
- Academic Ranking of World Universities
- QS World University Rankings

**TALENTBANK EMPLOYERS' CHOICE OF UNIVERSITY**

Sunway University has been named Talentbank's Employers' Choice of University for 5 consecutive years, a recognition 100% determined by leading graduate employers



#410 IN THE WORLD

QS World University Rankings 2026

**WORLD'S TOP 2% SCIENTISTS**

Multiple faculty members recognised in the 2025 Stanford / Elsevier's Top 2% Scientists list



TOP 500 IN THE WORLD

QS Sustainability Rankings 2025

# RESEARCH



Rapidly establishing itself as a University that advances multi-disciplinary 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. The University's focus areas are:

- Actuarial Science & Mathematical Modelling
- Climate Change & Planetary Health Sciences
- Creative Arts, Media, Communication & Culture
- Future & Emerging Technologies
- Hospitality & Tourism
- Medical & Health Services
- Psychological & Neurological Sciences
- Sustainable Business
- Sustainable Science & Technologies



## RESEARCH CENTRES

The University's research centres and other centres are multidisciplinary and some involve participation of researchers from other institutions and countries.

### Faculty of Arts and Social Sciences

- Sunway Centre for Digital Humanities and Cultural Heritage

### Faculty of Medical and Life Sciences

- Aging Health and Well-being Research Centre
- Sunway Biofunctional Molecules Discovery Centre
- Sunway Centre for Precision Health Analytics
- Sunway Microbiome Centre

### Faculty of Engineering and Technology

- Future Cities Research Institute
- Sunway Centre for Electrochemical Energy and Sustainable Technology
- Research Centre for Nano-Materials and Energy Technology
- Research Centre for Carbon Dioxide Capture and Utilisation
- Research Centre for Human-Machine Collaboration

### Sunway Business School

- Jeffrey Sachs Center on Sustainable Development
- Jeffrey Cheah Institute on Southeast Asia
- Sunway Centre for Environmental Social Governance
- Centre for Commercial Law and Justice
- Yunus Social Business Centre

### School of Hospitality and Tourism Management

- Asia Pacific Centre for Hospitality Research
- Centre for Hospitality Innovation and Leadership

### School of Mathematical Sciences

- Centre for Actuarial and Analytics Research

### School of Education

- Centre for Higher Education Research

## STAFF PROFILES

For more information about our staff, kindly scan the QR code or refer to [sunwayuniversity.edu.my/staff-profiles](https://sunwayuniversity.edu.my/staff-profiles)



## ENTRY REQUIREMENTS

Some programmes may have additional specific requirements i.e. interview, research statement, personal statement, portfolio, referral letters.

Kindly scan the QR code to access the individual programme website page to check for further details.



Sunway University  
Postgraduate Programmes  
[sunwayuniversity.edu.my/courses/postgraduate](https://sunwayuniversity.edu.my/courses/postgraduate)

Programme	Entry Requirements	English Language Requirements	Specific Requirements
<b>Sunway Business School</b>			
Master of Business Administration	A Bachelor's degree (Level 6, MQF) in related fields with a minimum CGPA of 2.50 <b>AND</b> minimum 3 years of relevant working experience		
Master of Business Administration (Online)		IELTS: 6.0	
Master of Business Analytics			
Master of Business Analytics (Online)			
Master of Management (Online)			
Master of Human Resource Management	A Bachelor's degree (Level 6, MQF) in related fields with a minimum CGPA of 2.50	IELTS: 6.5	
Master of Marketing			
Master of Marketing (Online)			
Master in Sustainable Development Management		IELTS: 6.0	
Master of Finance (Online)		IELTS: 6.5	
Master of Philosophy (Business Administration)	A Bachelor's degree (Level 6, MQF) in related fields with a minimum CGPA of 2.75	IELTS: 6.0	
Doctor of Business Administration			
Doctor of Philosophy (Business)	A Master's degree (Level 7, MQF) in related fields	IELTS: 7.0	
Doctor of Philosophy in Sustainable Development		IELTS: 6.0	
<b>School of Education</b>			
Master of Education (Online)	A Bachelor's degree (Level 6, MQF) in Education with a minimum CGPA of 2.50		
Master of Education (Taught)			
Master of Education (Research)	A Bachelor's degree (Level 6, MQF) in Education with a minimum CGPA of 2.75	IELTS: 6.0	
Doctor of Education			
Doctor of Philosophy in Education	A Master's degree (Level 7, MQF) in Education		

- Candidates without a qualification in a related field or relevant working experience may be able to enter the programme after completion of the relevant prerequisite course(s) (applicable for selected programmes only). Kindly check with the University for more details.
- Candidates without a Bachelor's degree or equivalent qualification but with relevant work experience may apply for admission into a postgraduate programme through the APEL (Accreditation of Prior Experiential Learning) assessment pathway. Kindly access this link for more details: <https://sunwayuniversity.edu.my/school-of-education/pace/apela>
- Direct entry from a Bachelor's degree to a PhD may be possible and will be considered on a case-to-case basis. Kindly check with the University for more details.

Research Statement Personal Statement Interview Reference Letter

Programme	Entry Requirements	English Language Requirements	Specific Requirements	
<b>School of Mathematical Sciences</b>				
Master of Science in Actuarial Analytics	A Bachelor's degree (Level 6, MQF) in Actuarial Science or related fields with a minimum CGPA of 2.50	IELTS: 6.0		
Master of Science in Applied Mathematics	A Bachelor's degree (Level 6, MQF) in related fields in Mathematics, Applied Mathematics, Engineering, Computing, or Actuarial Science with a minimum CGPA of 2.50			
Master of Science in Mathematical Sciences	A Bachelor's degree (Level 6, MQF) in Mathematical Sciences or related fields with a minimum CGPA of 2.75			
Doctor of Philosophy in Mathematical Sciences	A Master's degree (Level 7, MQF) in Mathematical Sciences or related fields			
<b>Faculty of Engineering and Technology</b>				
Master in Artificial Intelligence	A Bachelor's degree (Level 6, MQF) in Computing or related fields with a minimum CGPA of 2.50	IELTS: 6.0	2x	
Master in Advanced Computing				
Master in Data Science (Online)				
Master in Digital Engineering	A Bachelor's degree (Level 6, MQF) in Engineering or equivalent with a minimum CGPA of 2.75			
Master of Science in Computer Science	A Bachelor's degree (Level 6, MQF) in Computing or related fields with a minimum CGPA of 3.00			
Doctor of Philosophy (Computing)	A Master's degree (Level 7, MQF) in Computing or related fields			
Doctor of Computing	A Master's degree (Level 7, MQF) in Engineering or related fields			
Doctor of Engineering	A Master's degree (Level 7, MQF) in Engineering or related fields			
Doctor of Philosophy in Sustainability Science and Technology	A Master's degree (Level 7, MQF) in Science, Engineering or related fields	1x		
<b>Faculty of Medical and Life Sciences</b>				
Master of Applied Behaviour Analysis	<ul style="list-style-type: none"> <li>A Bachelor's degree (Level 6, MQF) in Psychology with a minimum CGPA of 2.75</li> <li>Encouraged to have a minimum of one year of working experience in related fields</li> </ul>	IELTS: 6.0		
Master of Counselling	A Bachelor's degree (Level 6, MQF) in the field or related fields with a minimum CGPA of 2.50			
Masters of Counselling (Clinical Mental Health)				
Master of Science in Life Sciences	A Bachelor's degree (Level 6, MQF) in Biological Sciences or related fields with a minimum CGPA of 2.75			2x
Master in Medical Science	A Bachelor's degree (Level 6, MQF) in Medical Sciences with a minimum CGPA of 2.75			
Master in Nursing	A Bachelor's degree (Level 6, MQF) in Nursing with a minimum CGPA of 2.75			1x
Doctor of Philosophy in Nursing	A Master's degree (Level 7, MQF) in Nursing or related fields with a minimum CGPA of 2.75			
Doctor of Philosophy in Medical Science	A Master's degree (Level 7, MQF) in Medical Sciences or related fields			
Master of Science in Psychology	A Bachelor's degree (Level 6, MQF) in Psychology with a minimum CGPA of 2.75			
Doctor of Philosophy in Biology	A Master's degree (Level 7, MQF) in Biological Sciences or related fields	2x		

Programme	Entry Requirements	English Language Requirements	Specific Requirements
<b>Faculty of Medical and Life Sciences</b>			
Doctor of Philosophy in Psychology	A Bachelor's degree in Psychology or equivalent with a minimum CGPA of 3.00 <b>AND</b> A Master's degree (Level 7, MQF) in Psychology or equivalent with a minimum CGPA of 3.00	IELTS: 7.0	
Postgraduate Diploma in Primary Care of Elderly	<ul style="list-style-type: none"> <li>Registered Malaysia Medical Council (MMC) members or equivalent</li> <li>At least 1 year of post housemanship experience</li> <li>Minimum 6 months of direct patient care and/or in clinical medicine</li> </ul>	IELTS: 6.5	
<b>Faculty of Arts and Social Sciences</b>			
Master of Arts in Communication	A Bachelor's degree (Level 6, MQF) in Media and Communication or related fields with a minimum CGPA of 2.50	IELTS: 6.0	2x
Master of Arts in Visual Communication and Media Studies	A Bachelor's degree in relevant fields with a minimum CGPA of 2.75		
Master of Arts in Creative Arts and Media	A Bachelor's degree in relevant fields with a minimum CGPA of 2.75		
Doctor of Philosophy in Creative Arts and Media	A Master's degree (Level 7, MQF) in relevant fields with a minimum CGPA of 3.00		
<b>School of Hospitality and Tourism Management</b>			
Master in International Hospitality Management	A Bachelor's degree (Level 6, MQF) in related fields with a minimum CGPA of 2.50	IELTS: 6.0	
Doctor of Philosophy in Hospitality and Tourism	A Master's degree (Level 7, MQF) in Hospitality, Tourism or related fields		

- Candidates without a qualification in a related field or relevant working experience may be able to enter the programme after completion of the relevant prerequisite course(s) (applicable for selected programmes only). Kindly check with the University for more details.
- Candidates without a Bachelor's degree or equivalent qualification but with relevant work experience may apply for admission into a postgraduate programme through the APEL (Accreditation of Prior Experiential Learning) assessment pathway. Kindly access this link for more details: <https://sunwayuniversity.edu.my/school-of-education/pace/apela>
- Direct entry from a Bachelor's degree to a PhD may be possible and will be considered on a case-to-case basis. Kindly check with the University for more details.

Research Statement Personal Statement Interview Portfolio Reference Letter



# SUNWAY BUSINESS SCHOOL



Sunway Business School is a leading business school in the ASEAN region that has earned business accreditation from the global accrediting body for business schools, the Association to Advance Collegiate Schools of Business (AACSB). It is the first non-government linked private university in Malaysia to obtain this prestigious accreditation. It is the gold standard for business schools as less than 6% of business schools worldwide have been accredited by AACSB.



The School comprises the following departments, institutes, and centres:

- Department of Accounting, Finance and Economics
- Department of Business Analytics
- Department of Marketing Strategy and Innovation
- Department of Management
- Jeffrey Cheah Institute on Southeast Asia
- Jeffrey Sachs Center on Sustainable Development
- Sunway Centre for Environmental Social Governance
- Centre for Commercial Law and Justice
- Yunus Social Business Centre



Sunway Business School is also a member of the following prestigious global bodies:



## PRINCIPLES FOR RESPONSIBLE MANAGEMENT EDUCATION

PRME, a United Nations-supported initiative founded in 2007, aims to raise the profile of sustainability in business and management education through Seven Principles focused on serving society and safeguarding our planet. It is also the largest organised relationship between the United Nations and management-related higher education institutions. As a proud signatory of PRME, Sunway University is committed to fostering the next generation of responsible business leaders.

## EUROPEAN FOUNDATION FOR MANAGEMENT DEVELOPMENT

Founded in 1972, EFMD is a global, non-profit, membership-driven organisation dedicated to management development. It is recognised globally as an accreditation body for business schools and programmes, and corporate universities. EFMD is a network for schools and companies that aim to develop socially responsible leaders and managers looking for opportunities to connect. They emphasise on educational standards for management education, firmly believing in bringing companies and academic institutions together and work towards facilitating and strengthening exchanges between the two.

## BUSINESS GRADUATES ASSOCIATION

As a member of BGA, Sunway University provides students with exclusive access to a prestigious global network of business schools and employers. It is the fastest growing network in the world for business education. BGA is an international membership and quality assurance body for world-leading and high-potential business schools. BGA schools share their commitment to responsible management practices, lifelong-learning, and delivering positive impact for business school stakeholders.

## MASTER OF BUSINESS ADMINISTRATION

(R2/345/7/1094)(04/27)(MQA/FA1124)

**Duration**  
Part-time: 2 years

**Intakes**  
Jan, Apr, Sep

Accredited by:



Validated by:



**Class Schedule**  
Weekends: 10am - 5pm

- Tailored for aspiring managers who have the ambition to become strategic leaders in an increasingly complex business environment
- Develop into a change agent in both the business world and beyond
- Offered in collaboration with Lancaster University Management School

### Programme Structure

- Accounting & Finance for Managers
- Business Economics
- Business Ethics & Sustainability
- Entrepreneurship & Innovation
- Global Strategic Management
- Leadership & Organisational Behaviour
- Marketing Management
- Operations Management
- Research Methodology
- Elective 1
- Elective 2
- Project 1
- Project 2
- Electives (Choose 2)**
- Corporate Finance
- Innovation & Improvement Methods
- International Business in Context
- Leaders Leveraging Human Capital: Managing the Interface of HRM
- Mergers & Acquisitions
- Managing Strategic Change
- Quality Measurement & Improvement
- Responsible Leadership Challenges
- Strategic Brand Management
- Systems Thinking

*Availability of electives is based on best-effort basis. The School reserves the right to change the list of electives without prior notice.*

✉ [mba@sunway.edu.my](mailto:mba@sunway.edu.my)

## MASTER OF BUSINESS ADMINISTRATION (ONLINE)

(R-DL/0414/7/0251)(06/31)(MQA/FA14663)

**Duration**  
Part-time: 2 years

**Intakes**  
Jan, Mar, May, Jul, Sep

**Mode**  
Taught | Online

Validated by:



- Developed by leading academics, industry practitioners and digital learning specialists to equip professionals from diverse backgrounds with the strategic insight and leadership skills needed to navigate today's unpredictable and rapidly evolving business environment
- Enhance your capacity to lead, make informed decisions and thrive in international business settings through a learning experience that prepares you to navigate digital disruption, evolving market dynamics and the complexities of global operations

### Programme Structure

- Core Subjects**
- Business Research Methods
- Economics & Quantitative Analysis
- Finance & Accounting for Business Decisions
- Leadership for Sustainable Success
- Managing Global Business Operations
- Marketing Strategy & Technologies
- People & Organisations
- Strategic Management & Analysis
- Research Project**
- Research Project I
- Research Project II

✉ [future.student@studyonline.sunwayuniversity.edu.my](mailto:future.student@studyonline.sunwayuniversity.edu.my)

## MASTER OF HUMAN RESOURCE MANAGEMENT

(R/0414/7/0241)(10/30)(MQA/FA9782)

**Duration**  
Full-time: 1 year 3 months  
Part-time: 2 years

**Mode**  
Taught | Conventional

Validated by:



**Intakes**  
Jan, Mar, May, Jul, Sep

**Class Schedule**  
Full-time: Mon & Wed | 10.00am - 4.00pm  
Part-time: Sat | 9.30am - 3.30pm

- Designed in collaboration with the Chartered Institute of Personnel and Development (CIPD), the world's largest Chartered HR and development body, for aspiring managers and professionals with the ambition to become strategic leaders and human resource managers
- Graduates are awarded with dual certificates: the Master of Human Resource Management from Sunway University and the postgraduate-level Advanced Diploma in Human Resource Management from the CIPD, along with the CIPD Associate Membership

### Programme Structure

- Core Modules**
- Coaching & Mentoring
- Compensation & Benefits
- Developing Skills for Business Leadership
- Employee Engagement & Human Relations
- Human Capital Development & Organisational Effectiveness
- International HR Management
- Legal Aspects of Industrial Relations
- Managing Performance
- Research Methods
- Strategic HR Management
- Talent Acquisition & Mobility
- Project**
- Research Project / Consultancy Project (3 months)

✉ [mhrm@sunway.edu.my](mailto:mhrm@sunway.edu.my)

## MASTER OF FINANCE (ONLINE)

(N-DL/0412/7/0011)(10/29)(MQA/PA17765)

**Duration**  
Part-time: 2 years

**Intakes**  
Jan, Mar, May, Jul, Sep

**Mode**  
Taught | Online

- Be equipped with advanced skills in corporate and personal finance, investing, data-driven financial decision-making and learn how to create sustainable strategies that adapt to today's rapidly shifting financial landscape
- Learn how to lead and innovate in the financial sector, drive business growth, optimise resources and succeed in the digital era of the financial sector

### Programme Structure

#### Core Subjects

- Business Research Methods
- Corporate Finance
- Financial Management

#### Specialisation Subjects

- Financial Analytics & Technology
- Financial Statement Analysis
- Global Financial Markets
- Investments

#### Elective (Choose 1)

- Accounting & Finance for Decision Making
- Managing Technology & Innovation
- Strategy Frameworks & Sustainability

#### Research Project

- Research Project I
- Research Project II

✉ future.student@studyonline.sunwayuniversity.edu.my

## MASTER OF BUSINESS ANALYTICS

(R/0419/7/0003)(12/30)(MQA/FA14138)

**Duration**  
Full-time: 1 year  
Part-time: 2 years

**Intakes**  
Jan, Mar, May, Jul, Sep

**Mode**  
Taught | Conventional

**Class Schedule**  
Full-time: Mon - Thurs | 7pm - 10pm  
Part-time: Mon & Wed | 7pm - 10pm

- A comprehensive, industry-relevant programme designed to incorporate three essential domains: business analytics, information technology and business innovation
- Apply data-driven analytical approaches to describe and diagnose business problems, predict future possibilities and prescribe solutions

### Programme Structure

#### Core Subjects

- Advanced Business Analytics & Visualisation
- Business Intelligence
- Business Statistics Using R
- Business Research Methods
- Data Mining
- Machine Learning for Business Decisions
- Management & Business Analytics
- Python for Business Analytics

#### Electives (Choose 2)

- AI & Decision Making
- IIoT: Business & Technology
- Time Series Analysis & Forecasting
- Web & Social Media Analytics

#### Capstone Project

This Business Analytics Capstone Project will serve to enhance and demonstrate cognitive skills surrounding the application and interpretation of business analytics in a real-world business context and develop communication skills to transfer knowledge clearly, effectively and appropriately in relation to data analytics issues

✉ msba@sunway.edu.my

## MASTER OF BUSINESS ANALYTICS (ONLINE)

(N-DL/0419/7/0006)(10/31)(MQA/PA17845)

**Duration**  
Part-time: 2 years

**Intakes**  
Jan, Mar, May, Jul, Sep

**Mode**  
Taught | Online

- Designed for professionals who want to deepen their analytical capabilities to make data-driven decisions and gain a competitive edge in a digital-first business environment
- Combines cutting-edge AI and machine learning techniques with business analytics, enabling you to transform data and statistics into effective strategies and bridge the tech-business gap

### Programme Structure

#### Core Subjects

- AI & Decision Making
- Business Research Methods
- Business Statistics Using R
- Data Mining
- Data Visualisation
- Python for Business Analytics

#### Electives (Choose 2)

- Design Thinking & Creative Problem Solving

- Foresight Leadership & Management
- Leading in the Age of Digital Disruption
- Marketing Strategy & Technologies
- Managing Technology & Innovation
- Strategy Frameworks & Sustainability

#### Research Project

- Research Project I
- Research Project II

✉ future.student@studyonline.sunwayuniversity.edu.my

## MASTER OF MARKETING

(R/0415/7/0002)(05/31)(MQA/FA10846)

**Duration**  
Full-time: 1 year  
Part-time: 2 years

**Mode**  
Taught | Conventional

**Intakes**  
Jan, Mar, May, Jul, Sep

### Class Schedule

Full-time: Fri (online live lecture) | 6pm - 10pm  
Sat & Sun | 9am - 6pm

Part-time: Fri (online live lecture) | 6pm - 10pm  
Sat / Sun | 9am - 6pm

- Become an expert marketing practitioner and gain an in-depth understanding of markets and how they work, coupled with the introduction of theories, tools and techniques in which firms can use to connect with and shape those markets
- Ideal for graduates from various disciplines such as IT, Psychology, Engineering and more, who wish to augment their CV to gain an edge in the employment market

### Programme Structure

#### Core Subjects

- Consumer Behaviour
- Global Marketing
- Marketing Communication
- Marketing Research Methods
- Marketing Theory & Practice
- Services Marketing
- Strategic Marketing

#### Elective (Choose 1)

- Business-to-Business Marketing
- Digital Marketing
- Marketing Analytics

#### Research Project

- Research Project I
- Research Project II

✉ mmkt@sunway.edu.my

## MASTER OF MARKETING (ONLINE)

(R-DL/0415/7/0009)(08/33)(MQA/PA14839)

**Duration**  
Part-time: 2 years

**Intakes**  
Jan, Mar, May, Jul, Sep

**Mode**  
Taught | Online

- Master in-demand digital marketing and traditional marketing skills optimised with data and technology to become a marketing highflyer with strategic leadership excellence
- Provides a top-tier educational experience designed to cater to the contemporary business professional, offering flexibility and interactive learning

### Programme Structure

#### Core Subjects

- Consumer Behaviour
- Global Marketing
- Marketing Communication
- Marketing Strategy & Technologies
- Marketing Theory & Application
- Marketing Research Methods
- Services Marketing

#### Elective (Choose 1)

- AI & Decision Making
- Business-to-Business Marketing
- Data Visualisation
- Design Thinking & Creative Problem Solving
- Strategy Frameworks & Sustainability

#### Research Project

- Research Project I
- Research Project II

✉ future.student@studyonline.sunwayuniversity.edu.my

## MASTER OF MANAGEMENT (ONLINE)

(N-DL/0414/7/0217)(10/29)(MQA/PA17764)

**Duration**  
Part-time: 2 years

**Intakes**  
Jan, Mar, May, Jul, Sep

**Mode**  
Taught | Online

- Cultivate a people-first leadership to navigate the workforce challenges and opportunities brought on by the Digital Age
- Be empowered to produce quality results with a rich set of skills that create value for teams, stakeholders, and organisations

### Programme Structure

#### Core Subjects

- Entrepreneurship
- Foresight Leadership & Management
- Leading in the Age of Digital Disruption
- Managing Technology & Innovation
- People & Organisations

- Project Management Process & Quality
- Strategic Management & Analysis
- Total Quality Management

#### Research Project

- Research Project I
- Research Project II

✉ future.student@studyonline.sunwayuniversity.edu.my

## MASTER OF PHILOSOPHY (BUSINESS ADMINISTRATION)

(N/0410/7/0001)(07/29)(MQA/PA15776)

Duration	Intakes	Mode	Class Schedule
Full-time: 2 years Part-time: 3 years	Jan, Jul (Rolling intake)	Research   Conventional	Full-time: approximately 3 - 6 hours per week for 6 weeks* *The schedule is specifically for the research methodology classes; classes may change if it happens to fall on a Public Holiday

- 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

### Programme Structure

Students will also have to proceed through a set of milestones throughout the programme which include:

- Research Methodology
- Professional Development Activities (academic activities such as workshops, seminars, conferences and talks)
- Thesis

### Research Areas

- Global Business
- Sustainable Supply Chain Management
- Diversity and Inclusion
- Financial Reporting and Disclosure
- Transformative and/or Digital Marketing
- Digital Automation
- Modern Workplace Behaviour
- Energy and/or Green Finance
- Corporate Social Responsibility and/or ESG
- Talent Management

✉ mphil@sunway.edu.my

## DOCTOR OF PHILOSOPHY (BUSINESS)

(R2/340/8/0154)(04/29)(MQA/FA1968)

Duration	Intakes	Mode	Class Schedule
Full-time: 3 years Part-time: 4 years	Jan, Jul (Rolling intake)	Research   Conventional	Full-time: approximately 3 - 6 hours per week for 6 weeks* *The schedule is specifically for the research methodology classes; classes may change if they happen to fall on a Public Holiday

- 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

### Programme Structure

Students will also have to proceed through a set of milestones throughout the programme which include:

- Research Methodology
- Professional Development Activities (academic activities such as workshops, seminars, conferences and talks)
- Thesis

### Research Areas

- 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

✉ phdbusiness@sunway.edu.my

## DOCTOR OF BUSINESS ADMINISTRATION

(N/0414/8/0101)(08/32)(MQA/PA18605)

Duration	Intakes	Mode	Class Schedule
Full-time: 3 years Part-time: 4 years	Jan, Apr, Sep	Taught   Conventional	Saturday: 9am - 6pm

- Hone your ability to generate original insights and frameworks that influence both academic knowledge and business practice
- Develop skills to address pressing challenges in sustainability, digitalisation, and global competitiveness through applied research
- Gain recognition as a scholar-practitioner who contributes meaningfully to organisational growth and industry innovation

### Programme Structure

- Accounting for Decision Making
- AI and Ethical Business Decision Making
- Business Economics
- Corporate Financial Strategies
- ESG - Environment, Social, Governance
- Managing People & Organisations
- Marketing Innovation & Design Thinking
- Planetary Health & Entrepreneurial Sustainability
- Qualitative Research Methods
- Quantitative Research Methods
- Thesis

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## JEFFREY SACHS CENTER ON SUSTAINABLE DEVELOPMENT



The Jeffrey Sachs Center on Sustainable Development (JSC) was established through a contribution by the Jeffrey Cheah Foundation - the biggest of its kind towards advancing the 17 Sustainable Development Goals. The Center operates under the supervision of Professor Jeffrey D. Sachs, one of the world's leading experts in sustainable development.

The JSC tackles the sustainability agenda through education, training, research, and policy advisory. Serving as a centre for research and policy implementation, it offers world-class programmes designed to educate students, professionals and policy influencers in the realm of sustainable initiatives. This collaborative approach involves partnerships with global industries, agencies, government entities, and universities. The centre also works closely with the Asian arm of the United Nations Sustainable Development Solutions Network (SDSN).

## MASTER IN SUSTAINABLE DEVELOPMENT MANAGEMENT

(R/0414/7/1075)(04/28)(MQA/FA9793) • (R-DL/0414/7/0186)(06/31)(MQA/FA14671)

Duration	Intakes	Mode	Class Schedule
Minimum 1 year	Jan, Mar, Sep	Taught   Conventional / Online	All lectures and tutorials are held in the weekends in the daytime and weekdays in the evening (Malaysia, UTC+8)

- 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

### Programme Structure

#### Core Courses

- Corporate Sustainability Strategies
- Earth's Climate System
- Economics of Sustainability Management
- Finance & Sustainability
- Global Foundation Course: Introduction to Sustainable Development
- Research Methods
- Social Entrepreneurship & Development
- Sustainable Management & Operations

#### Electives (Choose 4)

- Biodiversity
- Energy Systems & Management
- Governance in Sustainable Development
- Sustainable Agriculture & Food Systems
- Sustainable Forestry
- Sustainable Waste Management
- Smart Tech & IOT

#### Research Project

- Research Project I
- Research Project II

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## DOCTOR OF PHILOSOPHY IN SUSTAINABLE DEVELOPMENT

(N/310/8/0043)(04/28)(MQA/PA14576)

Duration	Intakes	Mode
Full-time: 3 years Part-time: 4 years	Jan, Jul (Rolling intake)	Research   Conventional

- Cultivate a people-first leadership to navigate the workforce challenges and opportunities brought on by the Digital Age
- Be empowered to produce quality results with a rich set of skills that create value for teams, stakeholders, and organisations

### Programme Structure

Students will also have to proceed through a set of milestones throughout the programme which include:

- Research Methodology
- Professional Development Activities (academic activities such as workshops, seminars, talks and conferences)
- Thesis

### Research Areas

- Bio-economy development
- Climate change adaptations
- Education reform
- Environmental & ecological systems
- Land-use system
- Plants and food system
- Public policy & sustainable development
- Social entrepreneurship
- Social progress & social inclusion
- Solid and hazardous waste management
- Sustainable economics, finance & international trade
- Sustainable infrastructure, transportation & mobility
- Sustainable tourism, hospitality & cultural heritage
- Urban sustainability
- Wildlife & forestry
- Renewable energy

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# SCHOOL OF EDUCATION



Sunway University's School of Education is where innovation meets excellence. The School comprises 1 department and 1 research centre:

- Department of Educational Development and Innovation which leads creative pedagogy through innovative curriculum development and educational technology
- Centre for Higher Education Research which explores the future of global higher education through research on key educational issues

The School of Education has a partnership with Teach For Malaysia (TFM) to offer the TFM Fellowship for the School's graduates.

The Fellowship is a full-time, full paid two years Leadership Development Programme. The School's graduates will have the opportunity to fast-track their Fellowship application.



## MASTER OF EDUCATION (TAUGHT)

(N/0111/7/0022)(11/29)(MQA/PA17929)

<b>Duration</b> Full-time: 1-3 years Part-time: 2-5 years	<b>Intakes</b> Jan, Mar, May, Jul, Sep	<b>Mode</b> Taught   Conventional
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- Future-focused curriculum with modules addressing AI integration, digital transformation and leadership in education
- Specialisations tailored for your career path: Instructional Technology, Educational Management or Early Childhood Education
- Elevate your professional competencies, adopt innovative teaching strategies and expand your leadership potential

### Programme Structure

#### Core Subjects

- AI in Education
- Educational Research Methodology
- Learning & Cognition
- Measurement, Assessment & Evaluation

#### Elective Specialisations (Choose 1)

- **Instructional Technology**
- Design & Innovation in Sustainable Teaching & Learning
- Digital & Expanding Literacies
- Global Issues in Educational Technology
- Trends & Futures in Digital Learning

#### Educational Management

- Global Issues & Sustainable Education
- Human Resource Management in Education
- Policy & Educational Planning
- Strategic Leadership in Education

#### Early Childhood Education

- Child Growth & Development
- Global Issues in Early Childhood Education
- Inclusive Teaching & Learning
- Theories & Practices in Early Childhood

#### Research Project

- Research Project I
- Research Project II

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## MASTER OF EDUCATION (ONLINE)

(N-DL/0111/7/0012)(05/29)(MQA/PA17458)

<b>Duration</b> Part-time: 2-5 years	<b>Intakes</b> Jan, Mar, May, Jul, Sep	<b>Mode</b> Taught   Online
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- Meet the demands of Digital Age teaching and learning
- Shape the future of education with technology-enhanced pedagogies
- Acquire the knowledge and skills to champion impactful transformation in education

### Programme Structure

#### Core Subjects

- Design & Innovation in Sustainable Teaching and Learning
- Digital & Expanding Literacies
- Learning & Cognition
- Measurement, Assessment & Evaluation
- Philosophy & Sociology of Education
- Research Methodology
- Trends & Futures in Digital Learning

#### Elective (Choose 1)

- Global Issues & Sustainable Education
- People & Organisation
- Foresight Leadership & Management

#### Research Project

- Research Project I
- Research Project II

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## MASTER OF EDUCATION (RESEARCH)

(N/0110/7/0017)(05/29)(MQA/PA17459)

<b>Duration</b> Full-time: 2-3 years Part-time: 4-6 years	<b>Intakes</b> Jan, Jul (Rolling intake)	<b>Mode</b> Research   Conventional
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- Designed to empower passionate educators who want to make a significant impact in the field of education
- Shape the future of education with technology-enhanced pedagogies
- Acquire the knowledge and skills to champion impactful transformation in education

### Research Areas

- Education Psychology
- Curriculum & Instruction
- Leadership & Management
- Education Technology

### Programme Structure

The programme is entirely research-based, complemented by postgraduate research methodology workshops, an annual research colloquium and engaging data collection activities.

#### Subjects

- Research Methodology
- Thesis

#### Workshops

- Introduction to Research
- Reviewing the Literature
- Research Purpose, Research Objectives, Research Questions & Hypotheses
- Research Methodology for Quantitative Approach

- Research Methodology for Qualitative Approach
- Mastering Research Proposal & Thesis Writing
- Generative AI for Research
- SPSS for Beginners
- NVivo/AMOS for Beginners

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## DOCTOR OF EDUCATION

(N/0110/8/0026)(02/32)(MQA/PA18010)

<b>Duration</b> Full-time: 3-5 years Part-time: 4-7 years	<b>Intakes</b> Jan, May, Sep	<b>Mode</b> Taught   Conventional
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- Designed for education, policymakers and industry professional committed to driving innovation, shaping policy and leading educational transformation
- Expand your network and engage with global education leaders, policymakers and institutional directors

### Research Areas

Research within the areas of Educational Management and Educational Psychology. For more details, please scan the QR code:



### Programme Structure

#### Core Subjects

- Advanced Academic Writing
- Advanced Qualitative & Quantitative Research
- Educational Research Methodology
- Curriculum Design & Innovation
- Teaching & Learning in the Digital Age
- Doctoral Concept Paper (Seminar)
- Thesis

#### Elective Specialisations (Choose 1)

- **Educational Management**
- Human Resource Management in Education
- Strategic Leadership in Education

#### Educational Psychology

- Learning, Cognition & Motivation in Psychology
- Human Development in Psychology

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## DOCTOR OF PHILOSOPHY IN EDUCATION

(N/0110/8/0016)(05/31)(MQA/PA17460)

<b>Duration</b> Full-time: 3-6 years Part-time: 4-8 years	<b>Intakes</b> Jan, Jul (Rolling intake)	<b>Mode</b> Research   Conventional
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- Shape the future of education through groundbreaking research
- Be equipped with the necessary research, critical thinking and communication skills to thrive in today's dynamic educational landscape

### Research Areas

- Education Psychology
- Curriculum & Instruction
- Leadership & Management
- Education Technology

### Programme Structure

The programme is entirely research-based, complemented by postgraduate research methodology workshops, an annual research colloquium and engaging data collection activities.

#### Subjects

- Research Methodology
- Thesis

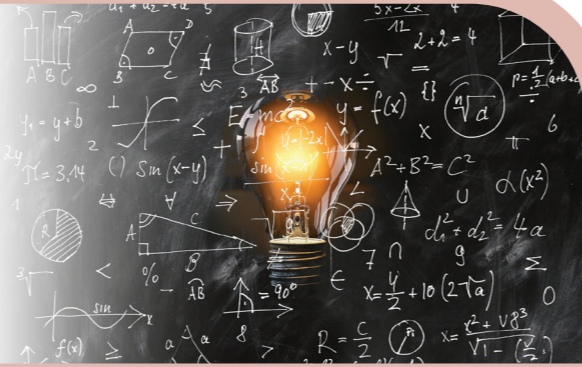
#### Workshops

- Introduction to Research
- Reviewing the Literature
- Research Purpose, Research Objectives, Research Questions & Hypotheses
- Research Methodology for Quantitative Approach

- Research Methodology for Qualitative Approach
- Mastering Research Proposal & Thesis Writing
- Generative AI for Research
- SPSS for Beginners
- NVivo/AMOS for Beginners

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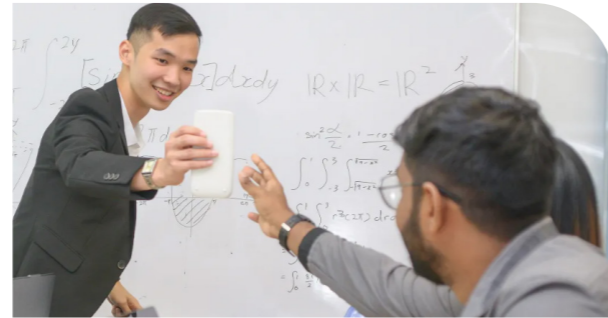
# SCHOOL OF MATHEMATICAL SCIENCES



The School of Mathematical Sciences at Sunway University nurtures future-ready graduates equipped with advanced analytical, mathematical, and computational skills to drive innovation in academia, research, finance and industries worldwide. Through strong interdisciplinary collaboration with computing, business analytics, and engineering disciplines, students gain useful skills to solve complex, real-world problems.

The School has a dynamic faculty of experts supported by cutting-edge facilities and strong collaborations with global partnerships and institutions creating a stimulating environment for intellectual growth and discovery. Under the academic guidance and leadership of a World Top 2% Scientist\* and a strong network with global researchers, graduates will have a competitive advantage.

\*2024 Stanford / Elsevier Top 2% Scientists list



## MASTER OF SCIENCE IN ACTUARIAL ANALYTICS

(N/0542/7/0003)(08/30)(MQA/PA18604)

**Duration**  
Full-time: 1 year  
Part-time: 2 years

**Intakes**  
Jan, May, Sep

**Mode**  
Taught | Conventional

**Class Schedule**  
Weekday evenings and/or on Saturdays



- Accredited by the Institute and Faculty of Actuaries (IFoA)
- Fast-track route for actuarial students to qualify as an actuary
- Gain the opportunity to obtain up to 3 IFoA exemptions (CP1, CP2, CP3)
- Be equipped with advanced analytics and AI-related techniques in a rapidly evolving professional landscape

### Programme Structure

#### Core Subjects

- Actuarial Practice 1
- Actuarial Practice 2
- Actuarial Modelling
- Machine Learning
- Predictive Models & Clustering Algorithm
- Professional Communication
- Research Methodology
- Research Project 1
- Research Project 2

#### Elective (Choose 1)

- Enterprise Risk Management
- Mathematical Modelling in Production Systems
- Optimisation Techniques

### Research Areas

- Claims Fraud Detection
- Clustering and Unsupervised Learning
- General Insurance
- Health Insurance and Morbidity Studies
- Life Insurance and Mortality Modelling
- Optimisation in Claims and Underwriting
- Risk Modelling

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## MASTER OF SCIENCE IN APPLIED MATHEMATICS

(N/541/7/0001)(04/27)(MQA/FA15477)

**Duration**  
Full-time: 1 year  
Part-time: 2 years

**Intakes**  
Jan, Mar, May, Jul, Sep

**Mode**  
Taught | Conventional

**Class Schedule**  
Weekday evenings and/or on Saturdays

- Be equipped with the latest knowledge and industry-relevant skills such as optimisation, optimal control and mathematical modelling
- Learn how to address ongoing developments and potential future impact of unpredictable global events faced by businesses, industries, companies and governments

### Programme Structure

#### Core Subjects

- Graphs & Networks
- Machine Learning
- Optimisation Techniques
- Predictive Models & Clustering Algorithms
- Research Methodology
- Scientific Programming

- Applied & Computational Dynamical Systems
- Control Theory
- Mathematical Modelling in Production Systems
- Numerical Analysis with Applications
- Optimal Control

#### Research Project

- Research Project I
- Research Project II

#### Electives (Choose 2)

- Applied Combinatorics

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## MASTER OF SCIENCE IN MATHEMATICAL SCIENCES

(N/0540/7/0002)(08/29)(MQA/PA15829)

**Duration**  
Full-time: 2 years  
Part-time: 3 years

**Intakes**  
Jan, Jul  
(Rolling intake)

**Mode**  
Research | Conventional

**Class Schedule for Research Methodology**  
2 hours of class per week on a weekday, for a duration of 20 weeks

- Designed to empower students with a competitive edge in research through in-depth training mediated by experts
- Be equipped with a versatile range of skills that enable graduates to work in multiple industries

### Programme Structure

- Research Methodology
- Directed Readings
- Thesis

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### Research Areas

- Applications of statistics in finance & insurance
- Applied probability
- Applied stochastic processes
- Big data analytics
- Combinatorics
- Computational fluid dynamics
- Credit risk modelling
- Evolutionary computation
- Graph theory
- Linear and multilinear algebra
- Longevity studies
- Mathematics education
- Mathematical modelling
- Multivariate analysis
- Medical statistics
- Neural networks
- Numerical optimisation
- Optimal control
- Optimal control computation
- Optimisation
- Simulation
- Statistical modelling
- Statistical quality control
- Time series modelling

## DOCTOR OF PHILOSOPHY IN MATHEMATICAL SCIENCES

(R/0541/8/0002)04/32)(MQA/FA9751)

**Duration**  
Full-time: 3 years  
Part-time: 4 years

**Intakes**  
Jan, Jul  
(Rolling intake)

**Mode**  
Research | Conventional

**Class Schedule for Research Methodology**  
2 hours of class per week on a weekday, for a duration of 20 weeks

- Designed to equip students with strong mathematical, analytical and statistical data analysis skills
- Embark on high quality and innovative research in the broad field of mathematical sciences that demonstrates the beauty of numbers and algorithms, and their usefulness in decision making and problem solving

### Programme Structure

- Research Methodology
- Academic Writing
- Research Proposal
- Thesis

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# FACULTY OF ENGINEERING AND TECHNOLOGY



The Faculty of Engineering and Technology comprises two schools and four research centres:

- School of Computing and Artificial Intelligence
- School of Engineering
- Research Centre for Carbon Dioxide Capture and Utilisation
- Research Centre for Nano-Materials and Energy Technology
- Research Centre for Human-Machine Collaboration
- Sunway Centre for Electrochemical Energy and Sustainable Technology

The Faculty offers a superior learning experience with excellent teaching, personalised attention and strong administrative support. The highly qualified academic staff are from internationally well-known universities and have extensive experience in teaching and research to support the Faculty's commitment for academic excellence. In addition to teaching and research, many members have substantial industry experience.

The Faculty also spearheads many research-related activities by conducting cutting-edge research, scientific publications, research funding and project acquisitions, and establishment of new research centres. Various research awards have been awarded to the Faculty including the International Invention, Innovation & Technology Exhibition (ITEX) and best paper awards during conferences. The Faculty has also received external research grants, most notably from the Fundamental Research Grant Scheme (FRGS) by the Malaysian Ministry of Education and grants by the Asian Office of Aerospace Research and Development (AOARD).

Extensive research collaborations have been formed with local universities as well as international universities from various countries such as UK, USA, Australia, Singapore and Saudi Arabia. The Faculty's research centres provide students and researchers opportunities to work on specialised research areas. Partner with a diverse range of collaborators from academia and the industry, and publish high-impact papers in top-ranking journals.



**Awarded the MDEC Premier Digital Tech Institution by the Malaysian Digital Economy Corporation**



Sunway University has been designated as a Premier Digital Tech Institution (PDTI) by the Malaysia Digital Economy Corporation (MDEC) as a recommended university for tertiary digital technology and IT programmes. Sunway University has been awarded the "Premier Digital Tech Institution" status since 2017. The Faculty also won the BEST FACULTY 2021 award by MDEC.

**WORLD'S TOP 2% SCIENTISTS 2024**



According to Stanford University's List of World's Top 2% Scientists 2024, FET'S top scientists have been recognised among the top 2% of scientists worldwide. This prestigious achievement highlights the Faculty's dedication, innovation, and excellence.

## MASTER IN ARTIFICIAL INTELLIGENCE

(N/0613/7/0061)(07/30)(MQA/PA18508)

Duration	Intakes	Mode	Class Schedule
Full-time: 1 year Part-time: 2 years	Jan, Apr, Sep	Taught   Conventional	Weekday evenings

Validated by:



- Develop innovative AI-driven solutions to complex real-world and scientific challenges
- Experience a dedicated AI and Machine Learning Lab equipped with high-performance GPU-powered systems, NVIDIA Jetson Nano, and IoT prototyping kits
- Gain the capability to use various digital tools and techniques for innovative AI-based solutions

### Programme Structure

- Semester 1**
- Advances in Deep Learning
  - Applied Machine Learning
  - Digital Image Processing for Computer Vision
  - Ethics in AI
  - Machine Learning Operations (MLOps)
  - Research Methodology

- Semester 2**
- Project I

- Semester 3**
- Project II

- Electives (Choose 1 from the following)**
- AI Applications for Networking & Security
  - Swarm Intelligence & Evolutionary Computation
- (Choose 2 from the following)**
- AI in Robotics
  - AI in Software Engineering
  - Natural Language Processing with Conversational AI

### Research Areas

- AI in Robotics
- AI in Software Engineering
- Deep Learning
- Digital Image Processing for Computer Vision
- Natural Language Processing
- Swarm Intelligence

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## MASTER IN ADVANCED COMPUTING

(N/0613/7/0060)(07/30)(MQA/PA18510)

Duration	Intakes	Mode	Class Schedule
Full-time: 1 year Part-time: 2 years	Jan, Apr, Sep	Taught   Conventional	Weekday evenings

Validated by:



- Customise your learning journey with flexible tracks of software engineering, computer science, or cybersecurity, designed to match your interests and career goals
- Utilise the latest digital tools and technologies to develop innovative, advanced computing solutions
- Communicate and collaborate effectively with diverse stakeholders in managing business ventures and projects

### Programme Structure

- Semester 1**
- Advanced Software Engineering
  - Applied Machine Learning
  - Cloud Computing
  - Computer & Network Security
  - Data Management & Privacy Engineering
  - Research Methodology

- Semester 2**
- Project I

- Semester 3**
- Project II

- Electives (Choose 3 from any one track)**
- Computer Science:
- Advanced Algorithm Analysis & Design
  - Advanced Computer Architecture
  - Framework-Based Software Design & Development
  - Scalable Systems & Data
- Cyber Security:
- Advanced Penetration Testing & Security
  - AI Applications for Networking & Security
  - Cloud Security
  - Digital Forensics
- Software Engineering
- Formal Methods in Software Engineering
  - Framework-Based Software Design & Development
  - Scalable Systems & Data
  - Software Testing & Maintenance

### Research Areas

- Computer Science
- Cyber Security
- Software Engineering

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## MASTER IN DIGITAL ENGINEERING

(N/0713/7/0014)(11/30)(MQA/PA18724)

<b>Duration</b> Full-time: 1 year Part-time: 2 years	<b>Intakes</b> Jan, Apr, Sep	<b>Mode</b> Taught   Conventional	<b>Class Schedule</b> Mon - Fri: 6pm - 8pm   Sat: 10am - 4pm Full-time: 5 days per week Part-time: 4 days per week
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- Designed to address the growing demand for advanced digital knowledge and skills for current and future engineers to suit the rapidly evolving digital landscape in engineering-related industries
- Focuses on advanced computation and simulation, artificial intelligence and other advanced digital technologies

### Programme Structure

#### Core Subjects

- AI in Engineering Application
- Computational Methods & Simulation
- Digital Transformation & Sustainable Management
- Digital Twin Development & Application
- IoT & Intelligent System
- Research Methodology
- Project I
- Project II

#### Electives (Choose 3)

- Advances in Deep Learning
- Digital Image Processing for Computer Vision
- Extended Reality
- Robotics & Drone Technologies

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## MASTER IN DATA SCIENCE (ONLINE)

(R-DL/0613/7/0034)(08/31)(MQA/FA14838)

<b>Duration</b> Part-time: 2 years	<b>Intakes</b> Jan, Mar, May, Jul, Sep	<b>Mode</b> Taught   Online
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- Learn concepts, theories and tools of data science for real-world application
- Excel at analysis and develop your ability to manage and communicate complex data insights
- Learn to apply data-driven insights alongside technical and managerial capabilities

### Programme Structure

#### Core Subjects

- Big Data Management
- Data Mining
- Data Visualisation
- Principles & Practice of Data Science
- Programming for Data Science
- Research Methodology
- Statistical Methods for Data Science

#### Electives (Choose 3)

- Artificial Intelligence
- Cloud Infrastructure & Services
- Data Science Ethics
- Deep Learning for Data Science
- Forecasting Analytics
- Social & Digital Media Analytics

#### Research Project

- Research Project I
- Research Project II

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## MASTER OF SCIENCE IN COMPUTER SCIENCE

(R3/0613/7/0025)(03/33)(A9654)

<b>Duration</b> Full-time: 2 years Part-time: 3 years	<b>Intakes</b> Jan, Jul (Rolling intake)
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Validated by:



<b>Mode</b> Research   Conventional	<b>Class Schedule for Research Methodology</b> Full-time/Part-time: Tue & Thurs   2.00pm - 3.30pm*
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- Conduct research in current and emerging computing and information technology industries
- Acquire analytical and problem-solving skills to work as senior consultants or managerial positions
- Expand your intellect by nurturing advanced knowledge in specialist technical subject areas

\* Subject to change according to the intakes

### Programme Structure

- Research Methodology
- Thesis

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## DOCTOR OF PHILOSOPHY (COMPUTING)

(R2/0611/8/0032)(09/27)(MQA/FA0031)

<b>Duration</b> Full-time: 3 years Part-time: 4 years	<b>Intakes</b> Jan, Jul (Rolling intake)	<b>Mode</b> Research   Conventional
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<b>Class Schedule for Research Methodology</b> Full-time/Part-time: Tue & Thurs   2.00pm - 3.30pm*
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- Position yourself to influence the global landscape and spearhead advancements in the computing industry
- Solve modern challenges alongside our experienced and highly qualified faculty members

\* Subject to change according to the intakes

### Programme Structure

- Research Methodology
- Research Proposal
- Thesis

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## DOCTOR OF COMPUTING

(N/0610/8/0008)(11/32)(MQA/PA18663)

<b>Duration</b> Full-time: 3 years Part-time: 4 years	<b>Intakes</b> Jan, Apr, Sep	<b>Mode</b> Taught   Conventional	<b>Class Schedule</b> Mon - Fri: 6pm - 8pm   Sat: 10am - 4pm Full-time: 4 days per week Part-time: 2 days per week
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- Prepares professionals with advanced technical skills, problem-solving abilities, and specialist competencies
- Exposure to responsible and future-ready computing through ethical AI, sustainable technology practices and emerging areas of computing guided by academic supervisors and industry mentors

### Programme Structure

#### Year 1

- Applied Machine Learning
- Corporate Sustainability Strategies in Computing
- Digital Forensics
- Sustainable Management & Operations
- Technology Enabled Social Entrepreneurship & Development
- Research Methodology

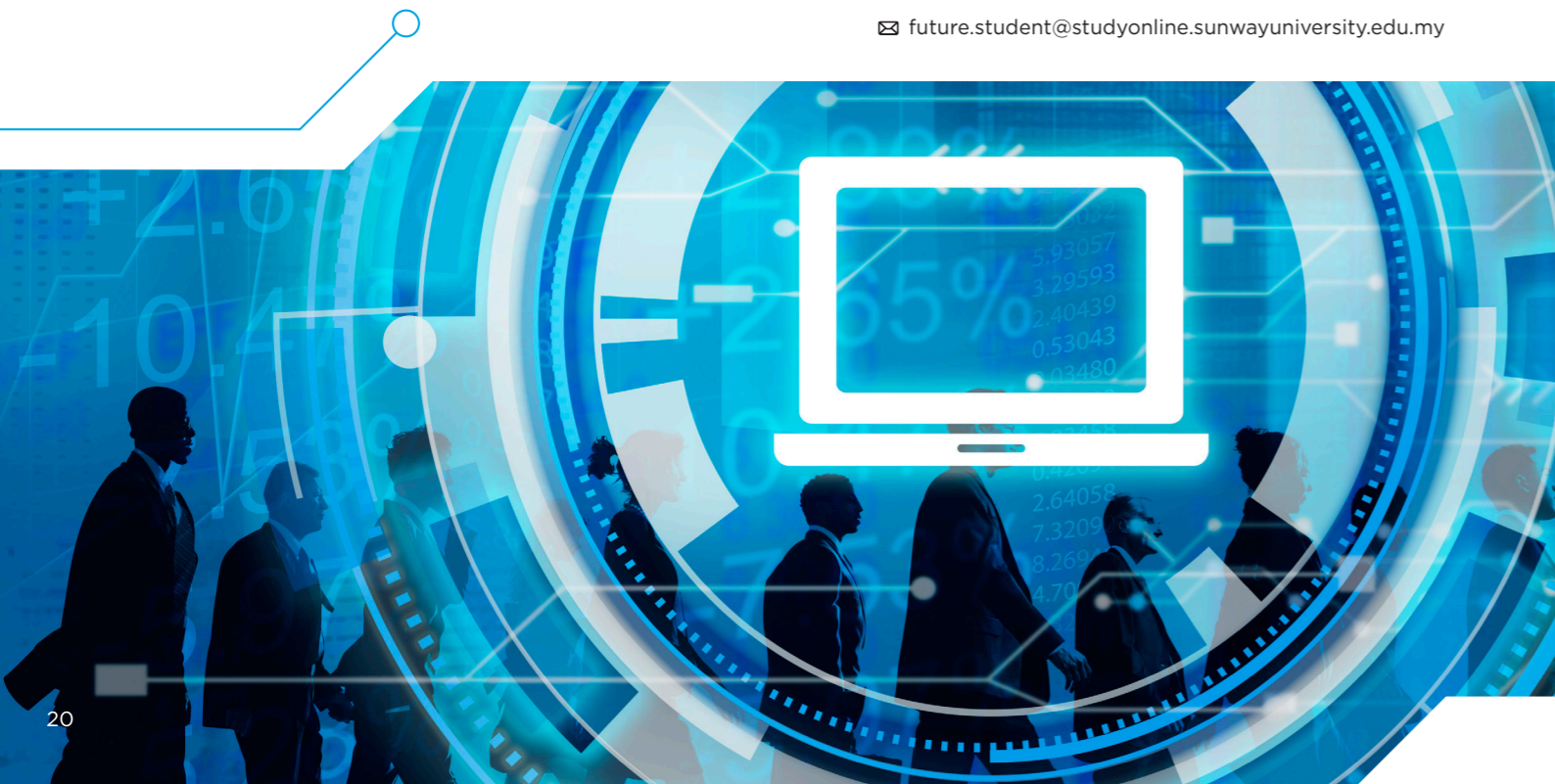
#### Year 2 - 4

- Doctoral Thesis

### Research Areas

- Artificial intelligence
- Augmented reality & virtual reality
- Blockchain
- Cognitive radio networks
- Computational statistics
- Computer & network security
- Computer vision
- Data mining
- Deep learning
- Digital holography & encryption
- Distributed and self-sustainable energy-efficient system
- Distributed overlay networks
- Education technology
- Electronic design and testing
- Empirical software engineering
- Evolutionary computation
- Green computing
- Haptics and multimodal senses
- Human-computer interaction
- Image processing
- Information security & privacy
- Information systems
- Instrumentation & measurement
- Internet of Things
- Knowledge management
- Machine learning
- Mobile computing
- Optical & radio communications
- Quantum computing
- Requirements engineering
- Robotics
- Sensors & embedded systems
- Sensory technology
- Smart transportation system
- Social computing
- Sustainability development technology
- Ubiquitous computing
- User experience (UX) research & design
- Wireless communication networks
- Wireless sensor networks

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## DOCTOR OF PHILOSOPHY IN SUSTAINABILITY SCIENCE AND ENGINEERING

(N/0710/8/0029)(06/27)(MQA/FA13722)

Duration	Intakes	Mode
Full-time: 3 years Part-time: 4 years	Jan, Jul (Rolling intake)	Research   Conventional

### Class Schedule for Research Methodology

Full-time/Part-time: Tue & Thurs | 2.00pm - 3.30pm\*

- Position yourself to influence the global landscape and spearhead advancements in the computing industry
- Solve modern challenges alongside our experienced and highly-qualified faculty members

### Programme Structure

- Research Methodology
- Thesis

\* Subject to change according to the intakes

### Research Areas

- Advanced energy materials
- Advanced heat transfer fluids
- Applications of ionising radiations in biomedicine & industry
- Artificial intelligence & machine learning for sustainable energy use
- Bio- and nano-composites, biomass processing & integrated biorefineries
- Biomass energy & waste management
- Carbon dioxide capture
- Utilisation & conversion to value-added chemicals
- Circular economy for net zero
- COSMO-RS Modelling
- Development & optimisation of CO2 conversion processes
- Development & optimisation of renewable energy systems
- Development of new solid sorbents for CO2 capture
- Dye-sensitised solar cells
- Electrochemical & adsorption processes using activated carbon
- Electrochemical conversions
- Electrochemical energy storage
- Electrochemical sensors
- Emerging nanomaterials
- Energy efficiency
- Energy policy
- Energy storage
- Graphene & 2D material synthesis & application
- Heat transfer
- Intelligent systems in power & energy applications
- Liquid thermophysical characterisation
- Microgrid/Smart grid; internet of energy
- Nano-enhanced phase change materials
- Nanofluids/Nanolubricants & nanoadditives
- Novel green solvents with properties tuned for CO2 capture
- Particle radiation for effective treatment of difficult-to-treat cancers
- Phase change materials
- Photovoltaics/Thermal (PV/T)
- Power Electronics; intelligent inverter controller; custom power devices; intelligent embedded system
- Renewable & sustainable energy technologies
- Radiation biology and radiation protection diagnostic & therapeutic medical radionuclides
- Radiation dosimetry
- Radiation physics
- Radiological risks associated with Naturally Occurring Radioactive Materials (NORM)
- Separation processes: membrane technology, adsorption, absorption
- Solar energy
- Solar photovoltaics
- Sustainability science & technology
- Sustainable smart city
- Sustainable value chain
- Techno-economic, energy & exergy analysis
- Thermoelectrics & energy harvesting
- Water & wastewater treatment

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## DOCTOR OF ENGINEERING

(N/0710/8/0023)(11/32)(MQA/PA18664)

Duration	Intakes	Mode	Class Schedule
Full-time: 3 years Part-time: 4 years	Jan, Apr, Sep	Taught   Conventional	Mon - Fri: 6pm - 8pm   Sat: 10am - 4pm Full-time: 4 days per week Part-time: 2 days per week

- Designed for working practitioners who aspire to innovate, lead complex projects and deliver impactful solution within their industries
- Provides a strong foundation in entrepreneurship, sustainability, and strategic management while complemented by 4.0 industry-demand electives such as artificial intelligence, smart systems and robotics

### Programme Structure

#### Year 1

- Corporate Sustainability Strategies in Computing & Engineering
- Sustainable Management & Operations for Technologists & Engineers
- Technology Enabled Social Entrepreneurship & Development
- Research Methodology

#### Electives (choose 2)

- AI in Engineering Application
- Advanced Materials for Engineering Applications
- Digital Twin Development & Application
- Next-Generation Wireless Communication for Smart Systems
- Robotic Systems

#### Year 2 - 4

- Doctoral Thesis

✉ fet\_pg@sunway.edu.my

## RESEARCH CENTRES



Research Centre for Carbon Dioxide Capture and Utilisation



Research Centre for Nano-Materials and Energy Technology



Sunway Centre for Electrochemical Energy and Sustainable Technology



Research Centre for Human-Machine Collaboration

# FACULTY OF MEDICAL AND LIFE SCIENCES



The Faculty of Medical and Life Sciences is dedicated to revolutionising healthcare development in the region. With the mission to nurture well-rounded individuals and make significant contributions to medical and life sciences knowledge, the Faculty consists of a team of committed academics and practitioners to offer a positive learning environment that prioritises practical skills alongside theoretical knowledge. The Faculty comprises four schools and three research centres:

- Sir Jeffrey Cheah Sunway Medical School
- School of Nursing
- School of Pharmacy
- School of Psychology
- Ageing Health and Well-being Research Centre
- Sunway Biofunctional Molecules Discovery Centre
- Sunway Microbiome Centre



## MASTER OF APPLIED BEHAVIOUR ANALYSIS

(N/0314/7/0002)(07/30)(MQA/PA16713)

<b>Duration</b> Full-time: 2 years Part-time: 3 years	<b>Intake</b> April	<b>Mode</b> Taught   Conventional
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Adhering to the standards of



### Class Schedule

- Mon – Fri, including day classes | 8am – 5pm and / or evening classes | 6pm – 8pm
- Sat | 10am – 4pm

- Your pathway to become a Malaysia Certified Behaviour Analyst (MCBA)
- Create and design programmes for behaviour modification
- Build your network and access MCBA-approved supervisors and clinics at diverse settings

### Programme Structure

#### Core Subjects

- Behaviour Change Applications
- Concepts & Principles of Behavioural Analysis
- Ethical & Professional Conduct
- Identification & Assessment
- Intervention & Implementation

- Measurement & Experimental Design
- Practicum 1
- Practicum 2

#### Research Project

- Research Project I
- Research Project II

✉ info@sunway.edu.my

## MASTER OF COUNSELLING

(N/0923/7/0005)(08/29)(MQA/PA16892)

## MASTERS OF COUNSELLING (CLINICAL MENTAL HEALTH)

(N/0923/7/0006)(08/29)(MQA/PA16474)

<b>Master of Counselling:</b>	<b>Duration</b> Full-time: 1 year 8 months Part-time: 3 years 4 months	<b>Intake</b> September	<b>Mode</b> Taught   Conventional	<b>Class Schedule</b> • Full-time: 3 days per week on weekdays (daytime and evening classes) • Part-time: 3 days per week on weekdays (evening classes)
<b>Masters of Counselling (Clinical Mental Health):</b>	<b>Duration</b> Full-time: 2 years Part-time: 4 years			

- Designed to cultivate highly knowledgeable and skilled counselling professionals ready to address mental health issues within the community
- Your pathway to become a registered and licensed counsellor under Lembaga Kaunselor Malaysia (Malaysia Board of Counsellor)
- Develop a deep understanding of fundamental counselling principles and the ability to apply critical and creative thinking to solve mental health issues using scientific approaches

### Programme Structure

#### Core Subjects

- Assessment in Counselling
- Career Counselling in Practice
- Counselling Research Design & Statistics
- Development Across the Lifespan
- Foundation of Counselling Skills
- Legal & Ethics in Counselling
- Multicultural Counselling
- Psychological Testing
- Research Project
- Theories & Process of Counselling
- Theories & Techniques of Group Counselling

#### Practicum

- Inhouse: 3 credits, 252 hours inclusive of 96 client contact hours

#### Internship

- External placement: 6 credits, 504 hours inclusive of 192 client contact hours

#### For Masters of Counselling (Clinical Mental Health) only

- Children & Adolescent Mental Health
  - Clinical Mental Health Counselling
  - Crisis Intervention in Counselling
  - Psychopathology in Counselling
- Elective (Choose 1)**
- Entrepreneurship in Counselling
  - Marital & Family Counselling
  - Tele-Mental Health Counselling

✉ info@sunway.edu.my

## MASTER OF SCIENCE IN PSYCHOLOGY

(R3/0313/7/0006)(04/32)(MQA/FA1400)

<b>Duration</b> Full-time: 2 years Part-time: 3 years	<b>Intakes</b> Jan, Jul (Rolling intake)	<b>Mode</b> Research   Conventional	<b>Class Schedule for Intermediate Research Methods</b> Full-time/Part-time: 2 hours per week; Mon – Fri   8am – 6pm
			<b>Class Schedule for Intermediate Statistics</b> Full-time/Part-time: 3 hours per week; Mon – Fri   8am – 6pm

- Designed to enable students to develop their research skills and to undertake an independent investigation into a topic of interest while broadening knowledge and understanding of an area of psychology
- A springboard for those wishing to continue their studies through to the PhD level

### Programme Structure

- Intermediate Research Methods
- Intermediate Statistics
- Thesis

✉ psyypg@sunway.edu.my



## DOCTOR OF PHILOSOPHY IN PSYCHOLOGY

(R/0313/8/0003)(04/32)(MQA/FA9382)

Duration	Intakes	Mode	Class Schedule for Advanced Research Methods
Full-time: 3 years Part-time: 4 years	Jan, Jul (Rolling intake)	Research   Conventional	Full-time/Part-time: 2 hours per week; Mon - Fri   8am - 6pm
			Class Schedule for Advanced Statistics
			Full-time/Part-time: 3 hours per week; Mon - Fri   8am - 6pm

- Designed to enable students to conduct original research which extends the frontiers of knowledge in a specialised area of psychology
- Become an expert ready to facilitate and contribute to the advancement of psychology with problem-solving and critical thinking skills applicable to future learning and work environments

### Programme Structure

- Advanced Research Methods
- Advanced Statistics
- Thesis

✉ psypg@sunway.edu.my

### Psychology Research Areas

The Psychology department has three research groups:

- Well-being & Community Psychology
- Organisational & Work Psychology
- Cognitive & Experimental Psychology

This broad range of expertise enables the School of Psychology guide students in the following areas:

- Biological Psychology** - the areas of hormones and behaviour, brain function and genetics
- Cognitive Psychology** - the areas of attention, perception, learning and language
- Developmental Psychology** - the areas of lifespan development, and the social and cultural contexts of development
- Individual Differences** - the areas of personality, intelligence, motivation and mental health
- Social Psychology** - the areas of attribution, attitudes, group processes and the intergroup relations and close relationships
- Applied Psychology** - the areas of clinical and health psychology, education or school psychology, and industrial and organisational psychology

## PSYCHOLOGY RESEARCH FACILITIES



Sunway Psychology & Counselling Centre



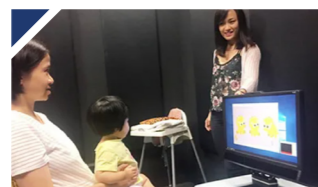
Tobii TX300 Eyetracker



Dry EEG Headset



Human Development Lab, also known as Sunway Baby Lab



Observation Playroom



Looking Time Lab

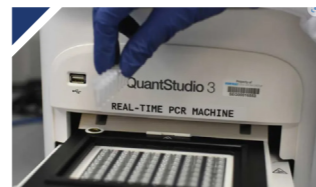
## BIOLOGICAL RESEARCH FACILITIES



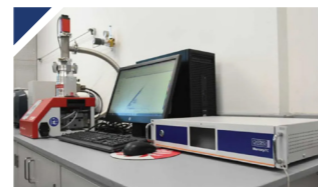
CellenONE® X1 Neo (for single-cell research)



Single Crystal X-ray Diffractometer



QuantStudio 3 Real-Time PCR System



Photoluminescence Spectrophotometer



CTL Immunospot S6 Versa



AKTA Pure Chromatography



NMR Bruker Ascend 400 MHz Spectrometer



Flow Cytometry

## MASTER OF SCIENCE IN LIFE SCIENCES

(R2/0510/7/0005)(03/33)(MQA/FA4534)

Duration	Intakes	Mode
Full-time: 2 years Part-time: 3 years	Jan, Jul (Rolling intake)	Research   Conventional

Validated by:



### Class Schedule for Research Methodology

Full-time/Part-time: Once a week on a weekday, subject to arrangement

- Designed for students in researching all branches of biological and life sciences, from ecology and conservation to phylogenetics and molecular biology
- Graduates will develop advanced knowledge and training in research methods applicable to researchers, practitioners and administrators in education, health and bio-pharmaceutical industries

### Programme Structure

- Research Methodology
- Thesis

✉ biosciencespg@sunway.edu.my

## DOCTOR OF PHILOSOPHY IN BIOLOGY

(R/0511/8/0001)(12/27)(MQA/FA8022)

Duration	Intakes	Mode	Class Schedule for Research Methodology
Full-time: 3 years Part-time: 4 years	Jan, Jul (Rolling intake)	Research   Conventional	Full-time/Part-time: Once a week on a weekday, subject to arrangement

- Contribute nationally and globally to developments in biological sciences with advanced research
- Develop a strong foundation in science and advanced research skills to critically think, apply and synthesise concepts in the field of biology alongside effective leadership, entrepreneurial and information management skills

### Programme Structure

- Research Methodology
- Thesis

✉ biosciencespg@sunway.edu.my

### Biological Research Areas

- Allergy and immunology
- Antimicrobials
- Biodiversity
- Bioinformatics
- Biomanufacturing and biomaterials
- Cancer biology and therapeutics
- Cell biology
- Ecology and conservation
- Environmental security
- Food security
- Infectious diseases
- Microbiology
- Molecular biochemistry
- Molecular biology and genetics
- Molecular pharmacology and therapeutics
- Nanobiotechnology
- Nanodrug delivery
- Neurobiology
- Virology

## MASTER IN MEDICAL SCIENCE

(N/0910/7/0020)(01/27)(MQA/FA12125)

Duration	Intakes	Mode
Full-time: 2 years Part-time: 3 years	Jan, Jul (Rolling intake)	Research   Conventional

Validated by:



### Class Schedule for Research Methodology

Full-time/Part-time: Once a week on a weekday | 5pm - 7pm

- A research-based programme designed for students to develop research capabilities in the medical science or a related field
- Learn sustainable research approaches from biomedical, medical biotechnology and clinical experts through national and international collaborations

### Programme Structure

- Research Methodology
- Thesis

✉ medsciencepg@sunway.edu.my

## DOCTOR OF PHILOSOPHY IN MEDICAL SCIENCE

(R/0910/8/0010)(06/33)(MQA/FA11941)

Duration	Intakes	Mode	Class Schedule for Clinical Research Methodology
Full-time: 3 years Part-time: 4 years	Jan, Jul	Research   Conventional	Full-time/Part-time: Once a week on a weekday   5pm - 7pm

- Engage in bidirectional translational medicine, bridge laboratory and clinical practice
- Emphasises on bringing current issues from patients and medical care to laboratory settings, or take scientific discoveries from the laboratory and transform them into new treatments and approaches to improve health and medical care in the community

### Programme Structure

- Clinical Research Methodology
- Thesis

✉ medsciencepg@sunway.edu.my

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Ageing</li> <li>Anatomy</li> <li>Behavioural Health</li> <li>Biochemistry</li> <li>Biostatistics</li> <li>Cancer</li> <li>Cardiovascular Disease</li> <li>Cell Biology</li> <li>Counselling Psychology</li> <li>Diabetes Mellitus</li> <li>Genetics</li> <li>Histology</li> <li>Heart Failure</li> <li>High Blood Pressure (Hypertension)</li> <li>Immunology</li> <li>Medical Imaging</li> <li>Medical Physics</li> </ul> | <ul style="list-style-type: none"> <li>Metabolic Syndrome</li> <li>Microbiology</li> <li>Molecular Biology</li> <li>Neuroscience</li> <li>Nuclear Medicine</li> <li>Nutrition Science</li> <li>Pathology</li> <li>Pharmacology</li> <li>Pharmacy</li> <li>Physiology</li> <li>Primary Care Geriatrics</li> <li>Radiation</li> <li>Radiotherapy</li> <li>Tissue Engineering</li> <li>Toxicology</li> <li>Virology</li> </ul> |
|---|---|

### MEDICAL SCIENCE RESEARCH AREAS

Medical science studies the biological mechanisms underlying the function of the human body, with the emphasis on diagnosis, treatment and prevention of diseases. Research coverage of medical science is very broad and ranges from basic biology to oncology, chemistry to pharmacology, and physics to radiotherapy.

The department has 4 key focus research areas:

**Diseases** – Improve the knowledge of diseases and understand the underlying causes, the molecular pathways and their genes involved in the disease. This fundamental knowledge of disease can then be used to develop diagnostic methods

**Therapy and Cures** – Explore the use of modern technologies or natural resources to address the diseases and any other medical challenges. It can be a “proof of concept” study or a prototyping approach

**Epidemiology** – Determine the pattern of distribution and effects of disease in the community so that the future occurrence of disease can be prevented. Observational studies can be used to study distribution and analytical studies are used to study effects of disease.

**Sustainable Well-being** – Promote human health and subsequently life satisfaction at all ages. Measure, analyse and manage well-being in response to uncertainty and with respect to ageing, nutrition, climate change, physical, mental and social health.

## MASTER IN NURSING

(N/0913/7/0013)(11/32)(MQA/PA18759)

Duration	Intakes	Mode	Class Schedule for Research Methodology
Full-time: 2 years Part-time: 3 years	Jan, Jul (Rolling intake)	Research   Conventional	Mon - Fri   8am - 6pm Full-time/Part-time   3 hours per week

- Designed to develop nurse researchers who contribute to the advancement of nursing knowledge and evidence-based practice
- Strong focus on contemporary issues in nursing, healthcare delivery, education and health systems
- Students are encouraged to engage critically with real-world problems that influence patient care, professional practice, service delivery, and health outcomes

### Programme Structure

- Research Methodology
- Thesis

✉ nursingpg@sunway.edu.my

### Research Areas

- Clinical Nursing Research
- Community & Public Health
- Intensive Care Nursing
- Nursing Education & Curriculum Development
- Nursing Management

## DOCTOR OF PHILOSOPHY IN NURSING

(N/0913/8/0007)(12/32)(MQA/PA18802)

Duration	Intakes	Mode	Class Schedule for Research Methodology
Full-time: 3 years Part-time: 4 years	Jan, Jul (Rolling intake)	Research   Conventional	Mon - Fri   8am - 6pm Full-time/Part-time   3 hours per week

- Students will undertake supervised, original research grounded in appropriate theoretical and methodological frameworks, addressing complex and contemporary issues relevant to nursing and health systems
- Graduates are prepared for leadership roles in academia, research institutions, healthcare organisations, and policy settings

### Programme Structure

- Academic Writing
- Research Methodology
- Research Proposal
- Thesis

✉ nursingpg@sunway.edu.my

### Research Areas

- Clinical Nursing Research
- Nursing Education in Curriculum Development
- Nursing Management
- Intensive Care Nursing
- Community and Public Health
- Midwifery and Women Health

## POSTGRADUATE DIPLOMA IN PRIMARY CARE OF ELDERLY

(R/0913/7/0003)(08/33)(MQA/FA10099)

Duration	Intake	Mode
Full-time: 1 year Part-time: 2 years	September	Taught   Conventional

In collaboration with:



### Class Schedule

- Online teaching once a week | 8pm
- Weekend workshops on Sat & Sun in Jan, Apr, Jun & Sep | 9am - 5pm
- Clinical attachment is 3 days every 6 weeks

### Programme Structure

#### Core Subjects

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>Communication, Counselling &amp; Cognitive Spectrum Disorders, Legal &amp; Ethical Aspects of Ageing</li> <li>Fundamentals of Geriatric Medicine</li> <li>General Medical Condition in Older Persons: Cardiovascular &amp; Respiratory Diseases</li> <li>General Medical Condition in Older Persons: Metabolic Renal &amp; Musculoskeletal Diseases</li> </ul> | <ul style="list-style-type: none"> <li>General Medical Condition in Older Persons: Nervous, Endocrine, Gastroenterology &amp; Genitourinary Diseases</li> <li>Postural Instability &amp; Falls</li> <li>Preventive Health, Rehabilitation &amp; Integrated Care of the Older Person</li> </ul> |
|---|--|

#### Elective (Choose 1)

- Death & Dying in Older Person
- Nutrition & Oral Health in the Older Person
- Psychology & Ageing

✉ fmls@sunway.edu.my



# FACULTY OF ARTS AND SOCIAL SCIENCES



Animated film, Musnad, by Abdulrahman Moqbel (Master of Arts in Visual Communication and Media Studies alumnus) won the Best Animated Film Award at the Saudi Film Festival



Noktah – a research-creation project by PhD in Creative Arts and Media students and lecturers

The Faculty of Arts and Social Sciences focuses on excellent teaching and project-based learning. With state-of-the-art facilities and expert faculty, students are provided the resources needed to launch their future with a personalised approach in a supportive environment. The Faculty empowers the next generation of innovative thinkers, creators, and researchers by preparing them for the future of creative digital media by merging arts, sciences, humanities, media, and technology.

The Faculty of Arts and Social Sciences is composed of three schools and one research centre: the School of Architecture and Design, School of Communication and Media Studies, the School of Film and Performing Arts, and the Sunway Centre for Digital Humanities and Cultural Heritage.



## MASTER OF ARTS IN COMMUNICATION

(N/0323/7/0026)(08/30)(MQA/PA18593)

Duration	Intakes	Mode	Class Schedule
Full-time: 1 year Part-time: 2 years	Jan, May, Sep	Taught   Conventional	Weekday evenings and Saturdays

- Blending academic rigour with industry relevance, each course combines theoretical depth with hands-on learning, allowing students to apply insights to real-world contexts
- Through interactive classes, case studies, applied research, and industry-linked projects, students will learn to design effective strategies, analyse audiences, and develop compelling narratives that inspire meaningful action in sustainability, ethics, and leadership

### Programme Structure

#### Core Courses

- Brand Identity & Narrative
- Crisis Communication
- Interactive Communication
- Social Media Strategies
- Strategic Communication Management
- Research Methodology
- Research Project

#### Electives (Choose 2)

- Cross-cultural Communication
- Globalisation & Media
- Stakeholder Engagement & Communication

✉ mcom@sunway.edu.my

## MASTER OF ARTS IN VISUAL COMMUNICATION AND MEDIA STUDIES

(R2/0211/7/0011)(09/31)(MQA/FA8457)

Duration	Intakes	Mode
Full-time: 1 year Part-time: 2 years	Jan, Apr, Sep	Taught   Conventional

- Level up as a technological storyteller and learn how to use contemporary media to develop new narratives
- Apply storytelling into the latest forms of technology and utilise the latest technologies: 360° video, augmented reality, virtual reality and social media

### Programme Structure

#### Core Modules

- Interactive Communication
- Media Theory
- Narratives in Media
- Professional Practice & Ethics
- Research Methodologies
- Strategic Concept & Design

#### Electives (Choose 2)

- Brand Identity & Narrative
- Emerging Media
- Technology, Development & Media

#### Research Project

- Research-Creation Project

✉ vcms@sunway.edu.my

## MASTER OF ARTS IN CREATIVE ARTS AND MEDIA

(R/0210/7/0010)(08/33)(MQA/FA11950)

Duration	Intakes	Mode
Full-time: 2 years Part-time: 3 years	Jan, Jul (Rolling intake)	Research   Conventional

### Class Schedule

Classes are spread over 8 to 14 weeks with 12 to 15 hours per week. These classes are followed by tutorials where students conduct their research projects. Weekly schedules may vary from year to year.

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

### Programme Structure

Students will also have to proceed through a set of milestones throughout the programme which include:

- Research Methodologies
- Professional Development Activities (academic activities such as workshops, seminars, conferences, talks and research)
- Thesis

✉ cam@sunway.edu.my

## DOCTOR OF PHILOSOPHY IN CREATIVE ARTS AND MEDIA

(R/0210/8/0007)(04/33)(MQA/FA11423)

Duration	Intakes	Mode
Full-time: 3 years Part-time: 4 years	Jan, Jul (Rolling intake)	Research   Conventional

### Class Schedule

Classes are spread over 8 to 14 weeks with 12 to 15 hours per week. These classes are followed by tutorials where students conduct their research projects. Weekly schedules may vary from one year to another.

- 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

### Programme Structure

Students will also have to proceed through a set of milestones throughout the programme which include:

- Research Methodologies
- Professional Development Activities (academic activities such as workshops, seminars, conferences, talks and research)
- Thesis

✉ cam@sunway.edu.my

### Research Areas

#### Cities:

- History of the City & Urbanisation
- Architecture
- Southeast Asian/Tropical City
- Cities in the Global South
- Liveable Cities
- Green Cities
- Smart Cities
- Touristic Cities

#### Culture & Heritage:

- History of Cultures & Art
- Crafts
- Material Cultures
- Music Traditions & Popular Music
- Gender Studies
- Southeast Asian Cinema and Filmmaking
- Sustainable Cultures
- Urban Cultures

#### Performance & Creation:

- Music & Theatre Performance
- Graphic Design
- Visual Arts
- Fine Art

#### Digital Worlds & Media:

- Digital Humanities
- VR
- Digital Content Creation
- Media Studies
- Broadcasting
- Social Media
- New Media Creation

# SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT



The School of Hospitality and Tourism Management is the gateway to a world of excellence in the dynamic industries of hospitality, culinary, and events. With innovative teaching methods and state-of-the-art facilities, students are equipped with essential skills for success.

The school is ranked among the top 51-100 universities globally for Hospitality & Leisure Management (QS 2025). It is also home to a vibrant research culture supported by internationally respected researchers, access to top-tier academic databases, and competitive research grants.

Students have access to support and guidance from two departments and two research centres: the Department of Culinary and Food Studies, the Department of Hospitality and Events, the Asia Pacific Centre for Hospitality Research (APCHR), and the Centre for Hospitality Innovation and Leadership (CHIL).



## MASTER IN INTERNATIONAL HOSPITALITY MANAGEMENT

(R/1013/7/0009)(09/33)(MQA/FA11706)

<b>Duration</b> Full-time: 1 year Part-time: 2 years	<b>Intakes</b> Jan, Apr, Sep	<b>Mode</b> Taught   Conventional	<b>Class Schedule</b> • Weekday(s)   25% online learning (self-study) • Weekend(s)   75% physical class 9am - 4pm
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- 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

### Programme Structure

#### Core Subjects

- Advanced Revenue Management
- Brand Management for Hospitality Business
- Competitive Strategies for Hospitality Business
- Contemporary Issues in Hospitality
- Events Planning & Management
- Global Food Management
- Leadership for Hospitality Business
- Marketing Innovation for Hospitality Business
- Research Methods for Hospitality & Tourism

#### Research Project

- Hospitality Research Project

### Research Areas

- Branding and promotions in tourism & hospitality
- Business travel & MICE
- Communication in event studies
- Culinary studies
- Green events
- Halal food studies
- Heritage & cultural tourism
- Hospitality management
- Hotel studies
- Sustainability in tourism & hospitality
- Tourism & hospitality service marketing
- Tourism & hospitality human resources management

✉ [mihm@sunway.edu.my](mailto:mihm@sunway.edu.my)

### STUDENT MOBILITY - STUDENT EXCHANGE



#### Macau University of Tourism (UTM)

- 1 semester
- Master in International Hospitality Management



#### Burgundy School of Business, France

- 1 semester
- Master in International Hospitality Management

\* Terms and conditions apply. Participation in the Student Mobility Programme is typically for one semester and may involve additional costs such as travel, accommodation, visa, and living expenses. Students should note that mobility participation may extend their graduation timeline as credit transfer will be evaluated on a case-by-case basis. All participation is subject to academic eligibility, approval by the School, and compliance with both home and host institution regulations.

## DOCTOR OF PHILOSOPHY IN HOSPITALITY AND TOURISM

(N/810/8/0021)(04/28)(MQA/FA14575)

<b>Duration</b> Full-time: 3 years Part-time: 4 years	<b>Intakes</b> Jan, Jul (Rolling intake)	<b>Mode</b> Research   Conventional
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- 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

### Programme Structure

#### Core Subjects

- For this PhD programme by Research, students are required to complete:
- Research Methods
  - Professional Development Activities (regular consultations with supervisors, progress reports, research seminars, workshops, conference presentation and submission of a manuscript to an academic journal)
  - Thesis

#### Research Areas

##### Hospitality & Service Management:

- Branding
- Consumer behaviour
- Food & beverage management
- Human resources
- Islamic hospitality
- Service marketing
- Service quality & recovery
- Green marketing
- Social media marketing

##### Sustainability in Tourism & Service Industries:

- Cultural & heritage tourism
- Localising the SDGs
- Impacts of tourism
- Responsible travel
- Sustainable service industries

#### Food, Health & Well-being:

- Food choice & behaviour
- Gastronomic experience & culinary tourism
- Food cultural studies
- Halal food production & consumption
- Nutritional wellbeing
- Traditional & indigenous food

#### Events & Destination Management:

- Destination competitiveness
- Experience economy
- Sustainable events

#### Mobilities:

- Intersections of tourism & migration
- Tourism & citizenship

✉ [shtm\\_phd@sunway.edu.my](mailto:shtm_phd@sunway.edu.my)

# SCHOLARSHIPS

Scholarship	Value	Eligibility Criteria
Sunway University Taught Masters Scholarship	50% tuition fee waiver	A Bachelor's degree with a minimum CGPA of 3.50 or a First Class Honours
Sunway University Professional Doctorate Merit Scholarship		A Master's degree with a minimum CGPA of 3.50 or equivalent
Sunway University Professional Doctorate Full Scholarship	100% tuition fee waiver	Kindly refer to our scholarship website (QR code below) for further details
School of Hospitality and Tourism Management Service Industry Scholarship for Postgraduate Studies	50% tuition fee waiver	Must meet either one of the below criteria: <b>Criteria 1:</b> • A minimum of 3 years of working experience within the hospitality and tourism industry or other related service sector industries <b>OR</b> • A minimum of 2 years of working experience within the hospitality and tourism industry with a minimum supervisory role <b>Criteria 2:</b> • Possess a recognised pre-university certification (STPM, diploma, matriculation or equivalent) and have successfully attained the APEL T-7 certifications as awarded by the Malaysian Qualifications Agency <b>AND</b> • Possess evidence of a minimum of 5 years of working experience within the hospitality and tourism industry or other related service sector industries
Sunway University Postgraduate by Research Scholarship	60% tuition fee waiver for Master's (Research) 100% tuition fee waiver for PhD	Graduates who meet the programme entry requirements with a minimum CGPA of 3.50 or equivalent
Sunway University Studentship for PhD programmes	100% tuition fee waiver + monthly stipend	Graduates who meet the programme entry requirements with one of the below criteria: • A minimum CGPA of 3.50 <b>AND</b> one journal article indexed in WOS/SCOPUS/ERA <b>OR</b> • A minimum CGPA of 3.75 <b>AND</b> evidence of an individual research project <b>AND</b> completion of a research methodology course Eligible applicants will be interviewed and Studentships will be given on a competitive basis.

- Terms and conditions apply
- Scholarships and bursaries are applicable for selected programmes only, kindly check with the University for further details
- Applicants may be required to pass an interview for certain scholarships
- Scholarships are applicable to Sunway and non-Sunway graduates



For more information about our scholarships, kindly scan the QR code or refer to [scholarship.sunway.edu.my](http://scholarship.sunway.edu.my)

# APPLICATION



Sunway University  
Postgraduate Programmes  
[sunwayuniversity.edu.my/courses/postgraduate](http://sunwayuniversity.edu.my/courses/postgraduate)

All postgraduate applicants are required to undergo an eligibility check before submitting an application.

## POSTGRADUATE TAUGHT

Please submit your documents through the respective programme webpage for an eligibility check. Once the review is completed, the school will reach out to you with the outcome and advise on the next steps.

## POSTGRADUATE RESEARCH

Please email your documents to the email address(es) stated under the 'Contact Information' section on the respective programme webpage. Once the review is completed, the school will reach out to you with the outcome and advise on the next steps.

We strongly encourage reaching out to the School or our counsellors to clarify any questions you may have about the programme before submitting your documents for an eligibility check.

## SPECIFIC REQUIREMENTS

Some programmes have additional specific requirements. Kindly check on the respective programme webpage for further information.

### Research Statement

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.



### Other programme-specific documents

Reference letters and declaration forms may be required for certain programmes. Please refer to the programme webpage for more details.



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This prospectus is valid for our 2026 intakes.  
All information is correct at the time of printing (June 2026).

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