

# MEDICAL & LIFE SCIENCES

- Prospectus 2025 -



A CLASS ABOVE



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Owned and governed by the

**Jeffrey Cheah  
Foundation**   
*Nurturing the Seeds of Wisdom*

## SUNWAY IS ONE OF THE TOP 150 UNIVERSITIES IN THE WORLD UNDER 50 YEARS OLD

As one of Malaysia's leading and internationally recognised private universities, Sunway University is positioned amongst top universities in the world by QS World University Rankings. Sunway University is ranked #1 private university in ASEAN region by AppliedHE ASEAN Private University Ranking 2025 and recognised as the #1 Malaysia's highest-ranked private non-government linked university in the Times Higher Education World University Rankings 2025. The University is also #539 in the QS World University Rankings 2025.

Sunway University has been awarded #1 in Graduate Employability among all universities in Malaysia, for the third consecutive year, by Talentbank Group through the National Graduate Employability Index.

The University has achieved a significant milestone by making its debut in the Academic Ranking of World Universities (ARWU) for 2024. This achievement places Sunway University among the top five universities in Malaysia, alongside the top four research-intensive public universities, and establishes it as the only private higher education institution in the country to be included in this prestigious global ranking.

Collaborating with world class partners - Lancaster University and Le Cordon Bleu International, Sunway University offers premier education with international repute. The University also partners University of Oxford, University of Cambridge, Harvard University, Massachusetts Institute of Technology and University of California, Berkeley.

**MALAYSIA'S #1  
NON-GLU\* PRIVATE UNIVERSITY**

as awarded by  
Times Higher Education



\*Government-Linked University

The Only Private University in Malaysia to  
be included in the Academic Ranking of  
World Universities (ARWU) 2024



# INTRODUCTION



## School of MEDICAL & LIFE SCIENCES

The significance of the medical and life sciences field has never been more pronounced as the world grapples with complex issues such as climate change, pandemics, and environmental degradation. Contributions from the knowledge and development of medical and life sciences have been invaluable, and will only continue shaping the future of healthcare and improving the quality of life.

Sunway University's School of Medical and Life Sciences is distinguished by our unwavering commitment to nurturing well-rounded graduates. With a team of committed academics and practitioners, we offer a positive learning environment that prizes practical skills alongside theoretical knowledge. Our curriculum is meticulously crafted to stimulate intellectual curiosity, critical thinking, and practical skills, ensuring that our graduates are well prepared for the real-world challenges. We firmly believe that academic achievements are just one facet of a successful career. Therefore, our programmes are designed not only to impart in-depth knowledge but also to cultivate 21st century skills. Our graduates stand out in the working world due to their exceptional communication skills, problem-solving abilities, and entrepreneurial mindset.

We foster robust partnerships with leading organisations to provide our students with a world-class opportunity to learn, lead and discover in a dynamic learning environment. Our exclusive partnership with Sunway Medical Centre gives students an edge when it comes to learning from the best. Our graduates also benefit from the countless opportunities to network and connect in the Sunway Group ecosystem and beyond. Through internships, clinical attachments, career days, and continuous exchanges with various industrial partners, our students gain invaluable practical experience and a deep understanding of the industry's demands. Our state-of-the-art facilities, equipment and labs such as clinical simulation labs, human performance labs, and biology labs provide students exceptional possibilities complex simulations experiences.

We warmly welcome you to a school with a vibrant community of faculty members who are passionate about educating the next generation and are research-active in their respective fields. Together, we look forward to guiding our students in exploring the intricacies of sciences and preparing them for successful and impactful careers in the ever-evolving world of medical and life sciences.

### VALIDATED BY: Lancaster University

- Bachelor of Science (Honours) in Psychology
- BSc (Hons) Medical Biotechnology
- Bachelor of Science (Honours) Biomedicine



Upon successful completion of the programme, graduates are awarded 2 certificates; one from Sunway University and another from Lancaster University.

# 10<sup>th</sup>

Joint 10<sup>th</sup>  
in the UK  
(The Complete  
University Guide  
2025)

### RECOGNISED BY:



### Malaysian Medical Council

- Doctor of Medicine



### Malaysia Nursing Board

- Diploma in Nursing
- Bachelor of Nursing (Honours)
- Post Basic in Intensive Care Nursing
- Post Basic in Oncology Nursing
- Post Basic in Perioperative Nursing
- Post Basic in Renal Nursing

# SUNWAY MEDICAL CENTRE

## CLINICAL PLACEMENT TRAINING FOR MEDICAL AND NURSING STUDENTS LOCATED AT SUNWAY MEDICAL CENTRE

One of the leading private quaternary medical centres in Malaysia

### ACCREDITATIONS & AWARDS

Sunway Medical Centre is committed in being a world-class health care organisation of choice. We strongly believe that operational excellence and patient safety form an integral part in meeting and exceeding our customers' expectations.



Healthcare Asia Awards 2024:  
Hospital of the Year (Malaysia)



Reader's Digest Trusted Brand 2024



Asia Pacific Oncology (Radiation) Service Provider of the Year 2020 - Sunway Cancer and Nuclear Medicine Centre



Joint Commission International



ACHS Accreditation



Malaysian Society for Quality in Health



Sunway Medical Centre is committed to the highest standards of patient care by providing quality healthcare services advanced technology and facilities, ensuring the best care for today's patients and future generations.



724

Licensed Beds



28

Centres of Excellence



>60

Medical Specialities



96

Critical Care Units



> 3800

Healthcare Professionals



18

Operating Theatres



33

Bays @ A&E



60

Haemodialysis bays



> 230

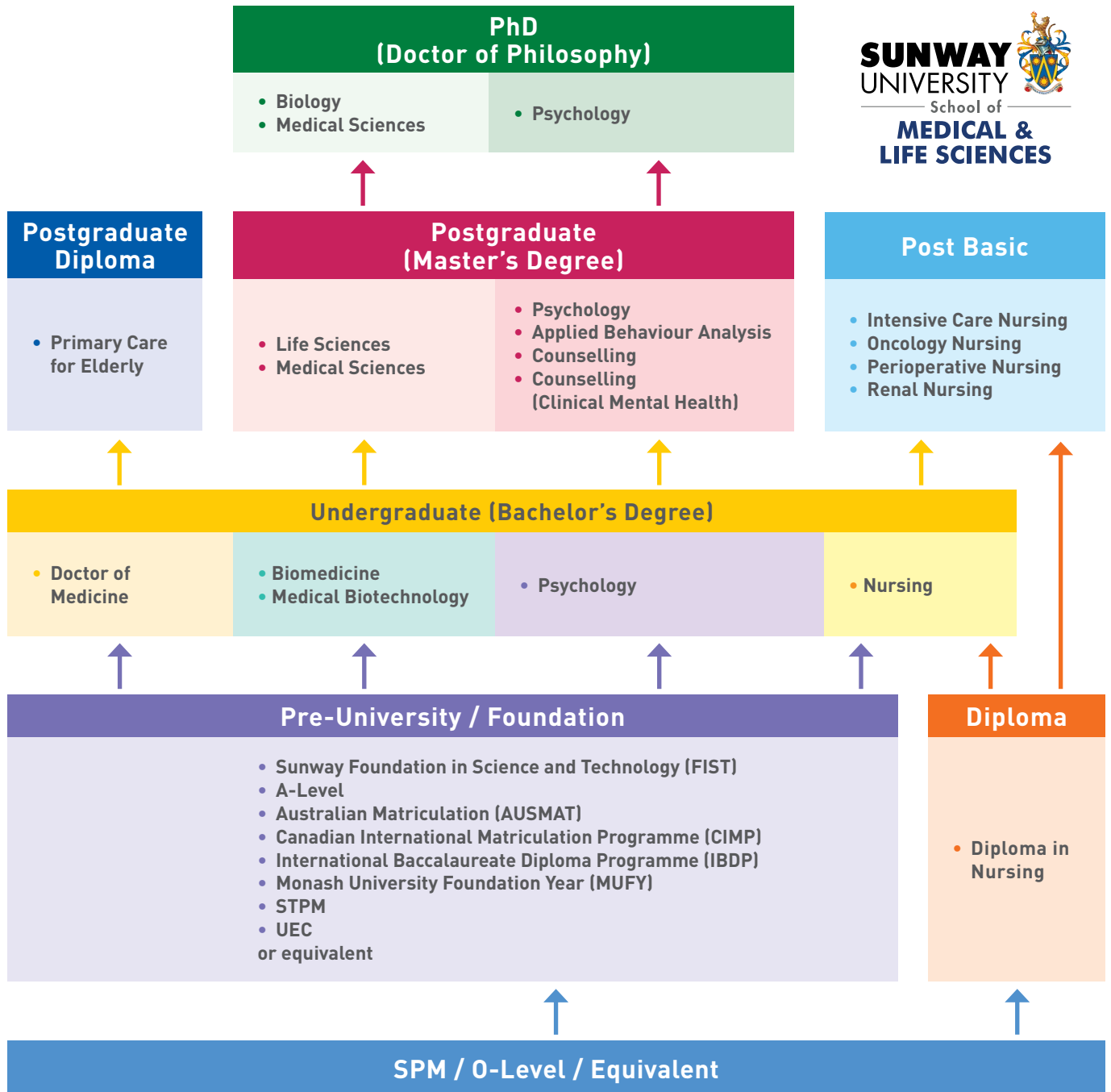
Consultation Suites



3

Catheterization Labs

# MEDICAL & LIFE SCIENCES PATHWAYS IN SUNWAY UNIVERSITY\*



Other postgraduate programmes available:  
(Offered by Sunway Business School)

**Masters**

- Business Administration
- Business Analytics
- Human Resources Management
- Management
- Marketing
- Sustainable Development Management

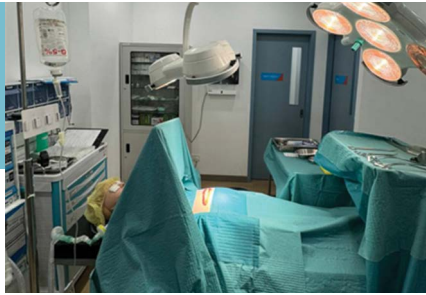
\*Subject to fulfilling requirements

# FACILITIES

The clinical simulation laboratory allows medical and nursing students to practice critical thinking, clinical decision-making, psychomotor skills in a safe, controlled environment without potential risk to a live patient.

## CLINICAL SIMULATION LABS

- Anthropometry room
- ICU simulation room
- Immunisation room
- Isolation room
- Medical Surgical simulation ward
- Mothers room
- Obstetric bed
- Oncology simulation ward
- Orthopaedic bed
- Paediatric simulation ward
- Perioperative simulation room
- Renal simulation ward



## PSYCHOLOGY LABS



The Human Performance Lab is equipped with an EEG machine used to measure brain activity.



Administering a psychological test at one of the psychology observation rooms.



Eye tracker being used to track attention and study visual perception.



The Sunway Baby Lab located in the Human Development Lab, one of the observation rooms to study how babies understand the world around them.



The Sunway Psychology & Counselling Centre is designed for postgraduate students to conduct research and in-house practicum.

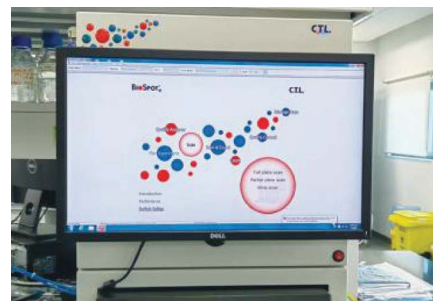
# BIOSCIENCES LABS



**High resolution gel imaging**  
To capture high quality agarose and protein gels for visualisation and quantification of biological samples.



**High Performance Liquid Chromatography**  
Sophisticated instrument to separate and identify biological components in a mixture.



**CTL Immunospot S6 Versa**  
Analysis of a variety of microtitre plate-based bioassays involving bacteria, yeast, stem cell, viral plagues, and tumor colonies.



**Flow cytometry**  
Analysis of individual cells labelled with fluorescent tags.



**Real-Time Quantitative PCR**  
The most sensitive technique for mRNA detection and quantification. Mostly used for molecular diagnostics and targeted gene expressions.



**Microscopes fitted with digital camera**  
Visualise biological sample by either taking images or capturing cellular activity on video.



**Microplate reader**  
Analysis of biochemical and cell-based assays. Application can be ranging from basic ELISA to high throughput detection such as absorbance, fluorescence and luminescence.



**AKTA Pure Chromatography**  
A flexible entry system that can be used for a wide variety of fast purification of peptides, proteins and nucleic acids.



**Precision Microtome**  
Used to make thin slices of tissue for microscopy observation.

# ACADEMIC LEADERS

Our academics are education focused, research intensive and impact driven

## AREAS OF SPECIALISATION:

### Biological Sciences

#### Biotechnology

##### Algae Biotechnology

- Assoc Prof Dr Yow Yoon Yen

##### Biofunctional Molecules

- Prof Goh Bey Hing

##### Chemistry, Nanotechnology

- Assoc Prof Dr Jane Gew Lai Ti

##### Bioinformatics, Biostatistics

- Dr Hazel Yean Ru Ann

#### Genetics

- Dr Ong Seng Kai
- Dr Say Yee How

##### Medical Genetics, Science

##### Communication & Leadership

- Prof Abhi Veerakumarasivam

#### Cancer Biology

- Assoc Prof Dr Felicia Chung Fei Lei
- Dr Gothai Sivapragasam
- Dr Lau Tze Pheng



#### Neuroscience

- Dr Amar Daud Iskandar Abdullah

#### Immunology

- Assoc Prof Dr Kavita Reginald

#### Microbiology

- Assoc Prof Chew Jacty
- Dr Ser Hooi Leng

##### Microbiology, Food Safety

- Prof Chai Lay Ching

#### Virology

- Dr Chook Jack Bee
- Dr Lim Hui Xuan

#### Pathology

##### Autoimmune Diseases

- Assoc Prof Dr Hwang Jung Shan

#### Pharmacology

##### Clinical Pharmacy, Health Economics

- Prof Long Chiau Ming

##### Molecular Pharmacology, Therapeutics

- Prof. Vetriselvan Subramaniam
- Dr Wu Yuan Seng

#### Ecology and conservation

- Dr Maverick Yap Fook Choy

### Psychology

#### Behaviour Analyst

- Lau Choo Ying
- Audrey Ooi Sue Wei

#### Clinical Psychology

- Prof Alvin Ng Lai Oon
- Prof Keng Shian-Ling
- Dr Michelle Anne
- Dr Samira Vafa

#### Cognitive Psychology

- Dr Lee Ai-Suan
- Dr Michael John Jenkins

#### Counselling Psychology

- Dr Chee Kwan Foong
- Jacqueline Gun Chin Hun
- Assoc Prof Dr Ooi Pei Boon
- Dr Erica Woo Jhia Mae
- Dr Leila May Nair

#### Developmental Psychology

- Dr Wu Shin Ling
- Dr Woo Pei Jun
- Elaine Yong
- Dr Fam Jia Yuin

#### Health Psychology

- Dr Elizaveta Berezina
- Dr Grace Yap Chin Choo
- Dr Wo Su Woan

#### Industrial Organisational Psychology

- Assoc Prof Dr Lin Mei-Hua

## Staff Profile

To view the staff profile of Sunway University School of Medical & Life Sciences, please visit <https://sunwayuniversity.edu.my/school-of-medical-life-sciences/staff-profiles> or scan





## Medicine

### Medical Education

- Prof. Raja Affendi Raja Ali
- Prof. Rebecca Wong Shin Yee
- Prof. Roslina Abdul Manap
- Prof. Dato Fitzgerald Henry
- Prof. Faridah Mohd Nor
- Dr Nancy Choon-Si Ng

### Academic Clinical Lecturers from Sunway Medical Centre:

- Dr Anis Siham Binti Zainal Abidin
- Dr Kow Ken Siong
- Dr Teh Hoon Lang
- Dr Sheikh Anwar Bin Abdullah
- Dr Suhail Suresh Abdullah
- Dr Jeffrey Chan Chee Yean
- Dr Tan Guan Hee
- Dr Anand Sachithanandan
- Dr Wong Chieh Lee
- Dr Wong Hin Seng
- Dr Thangesweran Ayakannu
- Dr Cheah Chee Ken
- Dr Nani Harlina Md Latar
- Dr Nurismah Md. Isa
- Dr Teoh Kean Hooi
- Dr Michael Wong Pak Kai
- Dr Raja Rizal Azman

## Nursing

### Children's and Reproductive Health

- Prof Dr Khatijah Lim Abdullah

### Intensive Care Nursing

- Harjit Kaur Ujagar Singh
- Prof Dr Khatijah Lim Abdullah

### Peroperative Nursing

- Kalivani Poongawanam
- Tulasi Dewi Visuranathan

### Renal Nursing

- Nitiakaliyani Balasubramaniam
- Wong Lee Sia
- Choo Peak Yean

### Oncology Nursing

- Ho Sweet Lee

## Research areas aligned with the UNSDGs



### INFECTIOUS DISEASES

- Amoebic diseases
- Viruses (Dengue, HIV-1, HFMD)
- Antibiotic-resistant microorganisms

#### Did you know?

- Assoc Prof Chew Jacty has shown that certain bacteria can survive inside amoeba, allowing them to thrive better in the environment.
- Dr Chook Jack Bee has shown that drinking three cups or more of coffee per day reduces Hepatitis B virus circulating in bloodstream.
- Dr Lim Hui Xuan has been developing new vaccines to fight against Hand Foot and Mouth Disease (HFMD) that is common among young children.



### BIOFUNCTIONAL MOLECULES & BIOTECHNOLOGY

- Genetic testing to identify candidate genes of complex diseases.
- Discovery of bioactive natural products with medicinal or cosmeceutical properties.



### ENVIRONMENT & SUSTAINABILITY

- Coral symbiosis interaction and heat tolerance of dinoflagellate algae
- Evaluation of environmental pollution levels using microplastics



### BIODIVERSITY & CONSERVATION

- Hornbill research and conservation



### R&D ECOSYSTEM

- Science integrity
- Science leadership
- Science communication

#### Did you know?

- Prof Abhi Veerakumarasivam is a geneticist, award-winning science communicator and promotes science through leadership excellence and integrity.

# STUDENTS' ACHIEVEMENTS & ACTIVITIES

## STUDENTS' ACHIEVEMENTS



### Soo Teik Yuan

A Medical Biotechnology student, and his group won third place in Fuel Asia 2022 among over 400 participants. Fuel Asia 2022 is a 9-day innovation challenge aiming to create new healthcare solutions to tackle non-communicable diseases.



### Mazen Wardany

Bachelor of Science (Honours) Biomedicine student, received the Conference Facilitator's Choice Prize at the Lancaster University Undergraduate Research Conference 2022. His research title is "Investigating new anti-amoebic agents to treat amoebic infections by combining Fluconazole with graphene oxide."

## STUDENTS' ACTIVITIES



### School of Medical & Life Sciences Industry Networking (iNET) Series 2024

The iNET (Industry Networking) event is a cornerstone academic-industry initiative organized annually that connects Sunway University's Biosciences students with leaders in the Biosciences industries. Since its inception in 2022, this event has enhanced student-industry engagement by fostering collaboration and providing platforms for internships, career opportunities, and specialized training programs.

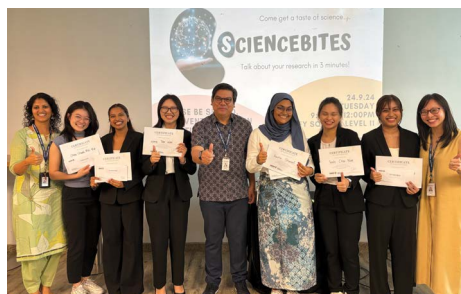
A highlight of iNET 2024 was the expert panel discussion "Developing Future Bioscience Leaders: Skills and Character for Industry Success," featuring panellists from the Academy of Sciences Malaysia, Invest Selangor, Roche Malaysia, Neurowyzr, and Synapse Laboratory. They shared insights into essential skills for bioscience graduates, including communication, adaptability, and networking.

In the second event, the department hosted the "Industry Meet & Mingle" session with representatives from 18 bio-based companies and NGOs, offering participants valuable industry perspectives and employability opportunities. Additionally, a career talk by Zuellig Pharma Sdn. Bhd. provided insights into different career pathways within the sector.



### ScienceBites: A Science Communication Competition

Effective science communication is essential in bridging the gap between complex research and the wider community, fostering understanding and driving meaningful impact. In September 2024, the Departments of Psychology and Biological Sciences at the School of Medical and Life Sciences jointly organized ScienceBites, a 3-minute science communication competition designed to empower final-year students to present their academic research to a general audience.



The event celebrated the success of students as they captivated judges representing academia, industry, and alumni with their ground-breaking research and innovations.

# DISTINCTIVE SUNWAY EXPERIENCE



### Fostering positive mental health

In line with Health Week 2023, Sunway Biological Society (SBioS) organized a nature walk through Bukit Jalil Recreational Park. With activities such as nature exploring and art sessions, the walk encourages the participant to foster a positive mental health status.



### Eco-warriors

Student ambassadors from the Department of Biological Sciences conducted a workshop on preparing "Seed Bombs". This hands-on activity conducted during the Sunway Education Open Day encouraged the participants to prepare little balls of seeds encased in food compost and clay that both protects the seeds, and provides nutrition for growth.



Field trip of Biodiversity students to Gua Damai, Batu Caves.



### Engagement with the public

The Department of Psychology frequently engages with the public through forums, talks, conferences, and industry collaborations such as the public forum on 'Responding to Crises: How are Clinical Psychologists Relevant?' in collaboration with the Malaysian Society of Clinical Psychology.



### Engagement with the university community and public

Psychology students and staff conduct experiments, demonstrations and talks during Psychology Day to pre-university students and the public on how psychological theories and principles are applied in our daily lives.



### Future-ready graduates

A career talk by Zuellig Pharma Sdn Bhd on the various career opportunities in the pharmaceutical industry to students of the department. Similar career talks are a regular feature of the Department of Biological Sciences to provide avenues for its students to engage with industrial partners.



Department of Biological Sciences students undergoing a 5-day Pharma Ready Programme at AstraZeneca



### Engagement with the community

To better address SDG 12 Responsible Consumption and Production, Biological Sciences students from School of Medical and Life Sciences, Sunway University organised a charity food compost sale to raise funds. The collection was donated to #BenderaPutih Fund through GivingHub and NGO such as The Lost Food Project.



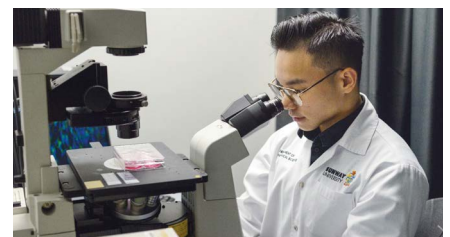
### Extra-curricular activities

Students are involved in various clubs and societies such as Sunway Psychology Club and Peer Counselling Volunteers. In these clubs, students organised various activities to encourage a deeper passion for the field of psychology while developing their teamwork and leadership skills.



### Future-ready graduates

Students are given various employability training such as interviewing and resume writing skills, internship training, forums and talks by employers and industry networking sessions to better prepare students for future employment.



Yong Shin Jie, a Masters of Life Sciences student, and an alumnus of the BSc (Hons) Biology with Psychology programme has been featured in the top 2% scientist by Stanford University in 2023.

# ENTRY REQUIREMENTS

PROGRAMME	ENTRY REQUIREMENTS	SPECIFIC REQUIREMENTS	ENGLISH REQUIREMENTS
Doctor of Medicine	<p><b>STPM</b> CGPA 3.0 with BBB, ABC or AAC in Biology, Chemistry, and Physics/Mathematics.</p> <p><b>A-Level</b> BBB, ABC or AAC in Biology, Chemistry, and Physics/Mathematics.</p> <p><b>UEC</b> B4 each in 5 subjects (Biology, Chemistry, Physics, Mathematics /Advanced Mathematics I, and Advanced Mathematics / Advanced Mathematics II)</p>	<p><b>Age Requirement</b> As per the Malaysian Medical Council (MMC) guidelines, students need to be 18 years of age at the commencement of this programme.</p> <p><b>Interview and medical check-up</b> Applicants are required to pass an interview and a medical check-up.</p>	<p><b>MUET</b> Band 4</p> <p><b>IELTS or equivalent</b> 6.0</p> <p><b>SPM English</b> B+</p> <p><b>UEC English</b> B4</p> <p><b>O-Level English (1119)</b> Credit</p> <p><b>Sunway Intensive English Programme (IEP)</b> Pass Level 4 with minimum 65%</p> <p><b>Pre-University/ Diploma/Foundation or equivalent</b> Programme conducted in English</p>
	<p><b>Australian Matriculation</b> ATAR 80 provided the subjects include Biology, Chemistry and Physics/Mathematics OR Aggregate or the equivalent of B in 3 subjects (Biology, Chemistry and Physics/Mathematics)</p> <p><b>Canadian International Matriculation Programme</b> 80% aggregate in 6 subjects with an average of 80% in Biology, Chemistry, and Physics/ Mathematics.</p> <p><b>MUFY</b> 80% including Biology, Chemistry, and Physics/ Mathematics.</p> <p><b>Sunway Foundation in Science and Technology</b> CGPA 3.0 (including Biology, Chemistry and Physics/Mathematics). The minimum grade of each subject is C.</p> <p><b>IB Diploma</b> Minimum overall score 33 points with a minimum score of 5 in Biology, Chemistry, and Mathematics at Higher Level (HL)</p> <p><b>Other qualifications</b> Any other qualifications will be considered on a case-to-case basis.</p>	<p>Attained 5Bs in Biology, Chemistry, Physics, Mathematics / Additional Mathematics and another subject at SPM / O-Level or its equivalent.</p> <p><b>Age Requirement</b> As per the Malaysian Medical Council (MMC) guidelines, students need to be 18 years of age at the commencement of this programme.</p> <p><b>Interview and medical check-up</b> Applicants are required to pass an interview and a medical check-up.</p>	

**Notes:**

1. Please note that all information is subject to change. Readers are responsible to verify any relevant details by contacting the university directly.
2. Malaysian citizens seeking employment in the public sector must fulfill the criteria set by the Public Services Commission of Malaysia (SPA).

Note: For A-Level points calculation

A = 10 points    B = 8 points    C = 6 points    D = 4 points    E = 2 points

**INTAKE**  
SEPTEMBER

**DURATION**  
5 YEARS

PROGRAMME	ENTRY REQUIREMENTS	SPECIFIC REQUIREMENTS	ENGLISH REQUIREMENTS
<b>BSc (Hons) Medical Biotechnology</b>	<p><b>STPM</b> Average C+ or CGPA 2.33 (Minimum 2 principals)</p> <p><b>A-Level</b> Minimum 12 points (Minimum Grade D in at least 2 subjects)</p> <p><b>Australian Matriculation</b> ATAR 60</p> <p><b>Canadian International Matriculation Programme</b> 60%</p> <p><b>MUFY</b> 60%</p>	-	<p><b>IELTS or equivalent</b> 6.0</p> <p><b>MUET</b> Band 4</p> <p><b>SPM English</b> B+</p> <p><b>UEC English</b> B4</p> <p><b>O-Level English (1119)</b> Credit</p> <p><b>Sunway Intensive English Programme (IEP)</b> Pass Level 4 with minimum 65%</p>
	<p><b>Sunway Foundation in Science &amp; Technology</b> CGPA 2.30</p> <p><b>UEC</b> Maximum 26 points from 5 subjects (all Grade Bs)</p> <p><b>IB Diploma</b> Completed with minimum 25 points (excluding bonus points)</p> <p><b>Other qualifications</b> Any other qualifications will be considered on a case-to-case basis.</p>	<p><b>STPM/Pre-University/ Matriculation</b> 2 principals in two of the following subjects: Biology, Physics/Mathematics or Chemistry.</p> <p><b>A-Level</b> Minimum Grade D in two of the following subjects: Biology, Physics / Mathematics and Chemistry.</p>	<p><b>ESL/English</b> Satisfactory level in Pre-University programmes, where the medium of instruction is English.</p> <p><i>For Malaysian students entering <b>Bachelor of Science (Honours) Biomedicine</b> using an entry qualification whereby the medium of instruction is not in English, MQA requires the student to possess a MUET or international English proficiency qualification in order to register for the programme.</i></p>
<b>Bachelor of Science (Honours) Biomedicine</b>	<p><b>STPM</b> Average C+ or CGPA 2.33 (Minimum 2 principals)</p> <p><b>A-Level</b> Minimum 12 points (Minimum Grade D in at least 2 subjects)</p> <p><b>Australian Matriculation</b> ATAR 60</p> <p><b>Canadian International Matriculation Programme</b> 60%</p> <p><b>MUFY</b> 60%</p> <p><b>Sunway Foundation in Arts</b> CGPA 2.30</p> <p><b>Sunway Foundation in Science &amp; Technology</b> CGPA 2.30</p> <p><b>UEC</b> Maximum 26 points from 5 subjects (all Grade Bs)</p> <p><b>IB Diploma</b> Completed with minimum 25 points (excluding bonus points)</p> <p><b>Other qualifications</b> Applicant with no standard qualification will be considered on a case-to-case basis.</p>	<p>Credit in Mathematics and one Science subject at SPM level or Pre-University level or its equivalent.</p>	<p><b>IELTS or equivalent</b> 6.0</p> <p><b>MUET</b> Band 5</p> <p><b>SPM English</b> A-</p> <p><b>UEC English</b> B3</p> <p><b>O-Level English (1119)</b> B3</p> <p><b>Sunway Intensive English Programme (IEP)</b> Pass Level 4 with minimum 65%</p> <p><b>ESL/English</b> Satisfactory level in Pre-University programmes, where the medium of instruction is English.</p>
<b>Bachelor of Science (Honours) in Psychology</b>	<p><b>STPM</b> Average C+ or CGPA 2.33 (Minimum 2 principals)</p> <p><b>A-Level</b> Minimum 12 points (Minimum Grade D in at least 2 subjects)</p> <p><b>Australian Matriculation</b> ATAR 60</p> <p><b>Canadian International Matriculation Programme</b> 60%</p> <p><b>MUFY</b> 60%</p> <p><b>Sunway Foundation in Arts</b> CGPA 2.30</p> <p><b>Sunway Foundation in Science &amp; Technology</b> CGPA 2.30</p> <p><b>UEC</b> Maximum 26 points from 5 subjects (all Grade Bs)</p> <p><b>IB Diploma</b> Completed with minimum 25 points (excluding bonus points)</p> <p><b>Other qualifications</b> Applicant with no standard qualification will be considered on a case-to-case basis.</p>	<p>Credit in Mathematics and one Science subject at SPM level or Pre-University level or its equivalent.</p>	<p><b>IELTS or equivalent</b> 6.0</p> <p><b>MUET</b> Band 5</p> <p><b>SPM English</b> A-</p> <p><b>UEC English</b> B3</p> <p><b>O-Level English (1119)</b> B3</p> <p><b>Sunway Intensive English Programme (IEP)</b> Pass Level 4 with minimum 65%</p> <p><b>ESL/English</b> Satisfactory level in Pre-University programmes, where the medium of instruction is English.</p>

Note: For A-Level points calculation  
A = 10 points    B = 8 points    C = 6 points    D = 4 points    E = 2 points

## INTAKES

FEBRUARY • APRIL • SEPTEMBER

## DURATION

3 YEARS

# ENTRY REQUIREMENTS

PROGRAMME	ENTRY REQUIREMENTS	SPECIFIC REQUIREMENTS	ENGLISH REQUIREMENTS
<b>Bachelor of Nursing (Honours)</b>	<p><b>STPM</b> Passed with CGPA 2.50 (minimum 2 principals)</p> <p><b>A-Level</b> Minimum Grade C in 3 subjects</p> <p><b>Australian Matriculation</b> ATAR 65</p> <p><b>Canadian International Matriculation Programme</b> 65%</p> <p><b>MUFY</b> 65%</p> <p><b>Sunway Foundation in Arts</b> CGPA 2.50</p> <p><b>Sunway Foundation in Science and Technology</b> CGPA 2.50</p> <p><b>UEC</b> Maximum 26 points from 5 subjects (all Grade B)</p> <p><b>IBDP</b> Completed with minimum 25 points (excluding bonus points)</p> <p><b>Diploma in Nursing</b> Passed Diploma in Nursing from a recognised institution by the Malaysian Nursing Board (MNB) with minimum 2 years clinical working experience (credit transfer allowed)</p> <p><b>Other Diplomas</b> Passed any Diploma with minimum CGPA 2.50 (no credit transfer)</p> <p><b>Other qualifications</b> Any other qualifications will be considered on a case-to-case basis.</p>	<p>All applicants (except those entering using a Diploma in Nursing) must pass SPM/ equivalent with:</p> <ul style="list-style-type: none"> <li>• Credit in Bahasa Melayu</li> <li>• Credit in Mathematics (Elementary/ Additional/Modern)</li> <li>• Either 1 of the credits in General Science/ Biology/Chemistry/ Physics/Applied Science</li> <li>• Credit in 2 other subjects</li> </ul> <p><b>Interview and medical check-up</b> Applicants are required to pass an interview and a medical check-up.</p>	<p><b>MUET</b> Band 3</p> <p><b>IELTS</b> 5.5</p> <p><b>TOEFL</b> 515 (Paper-based), 215 (Computer-based), 80 (Internet-based)</p> <p><b>SPM English</b> Credit</p> <p><b>UEC English</b> Credit</p> <p><b>O-Level English (1119)</b> Credit</p> <p><b>ESL/English</b> Satisfactory level in Pre-University programmes, where the medium of instruction is English</p> <p><i>For Malaysian students entering <b>Bachelor of Nursing (Honours)</b> using an entry qualification whereby the medium of instruction is not in English, and have not obtained a credit in SPM English, MNB requires the student to possess a MUET or international English proficiency qualification in order to register for the programme.</i></p>

Note: For A-Level points calculation

A = 10 points   B = 8 points   C = 6 points   D = 4 points   E = 2 points

**INTAKES**  
JULY • OCTOBER

**DURATION**  
4 YEARS

PROGRAMME	ENTRY REQUIREMENTS	SPECIFIC REQUIREMENTS	ENGLISH REQUIREMENTS
<b>Diploma in Nursing</b>	<p><b>SPM</b> Pass with minimum 5 credits (including Bahasa Melayu, English, Mathematics, Science/Biology/Chemistry/Physics/Applied Science, and one credit in any other subject)</p> <p><b>O-Level</b> Pass with minimum 5 credits (including English, Mathematics, Science/Biology/Chemistry/Physics/Applied Science, and one credit in any other subject) All local candidates who possess GCE O-Level MUST possess Credit in Bahasa Melayu.</p> <p><b>UEC</b> Pass with minimum 5 Bs (including English, Mathematics, Science/Biology/Chemistry/Physics/Applied Science, and one credit in any other subject) All local candidates who possess UEC MUST possess Credit in Bahasa Melayu.</p> <p><b>Other qualifications</b> Any other equivalent qualifications* Applicant with no standard qualification will be considered on a case-to-case basis.</p>	<p><b>Interview and medical check-up</b> Applicants are required to pass an interview and a medical check-up.</p>	<p><b>IELTS 5.5</b></p> <p><b>TOEFL</b> 515 (Paper-based), 215 (Computer-based), 80 (Internet-based)</p> <p><b>SPM English</b> Credit</p>

**INTAKES**  
JULY • OCTOBER

**DURATION**  
3 YEARS

PROGRAMME	ENTRY REQUIREMENTS	SPECIFIC REQUIREMENTS
<b>Post Basic Certificate in Intensive Care Nursing</b>	<ul style="list-style-type: none"> <li>• Possess a Diploma in Nursing from an institution recognised by the Malaysian Nursing Board (MNB)</li> <li>• Registered Nurse with MNB.</li> </ul>	<p><b>Perioperative Nursing:</b> All candidates must have Hepatitis blood test result. Positive test result and Hepatitis B carriers are not allowed to be enrolled in this course because they will be involved with invasive procedure during the practical session</p>
<b>Post Basic Certificate in Perioperative Nursing</b>	<ul style="list-style-type: none"> <li>• Possess current Annual Practising Certificate (APC) for nurses from MNB.</li> <li>• Minimum two (2) years clinical working experience.</li> <li>• Health Status:                             <ul style="list-style-type: none"> <li>– All candidates must be certified medically fit by a registered medical practitioner within one (1) month from commencement of the nursing programme.</li> <li>– A person with any of the following shall be disqualified from entry into a nursing programme:                                     <ul style="list-style-type: none"> <li>– Serious physical or mental illness, and/or</li> <li>– Serious communicable disease</li> <li>– Must not have any physical disabilities or impaired sense that hinder nursing dexterity</li> </ul> </li> </ul> </li> </ul>	
<b>Post Basic Certificate in Oncology Nursing</b>		
<b>Post Basic Certificate in Renal Nursing</b>		

**INTAKES**  
JUNE • DECEMBER

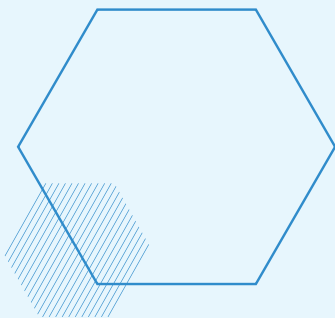
**DURATION**  
6 MONTHS

# DOCTOR OF MEDICINE

## PROGRAMME INTRODUCTION

Pursuing your aspirations to be a medical doctor requires extensive preparation, with a long and challenging pathway ahead, but it is also one that is impactful and fulfilling, both personally and professionally.

Begin your journey with the **Doctor of Medicine** programme at Sunway. Learn from an expert team of academic clinical lecturers from one of the leading healthcare providers in the nation and experience hands-on our state-of-the-art facilities. Be future ready in the everevolving healthcare landscape with our research-intensive, digital literacy embedded and sustainability-focused curriculum.



## PROGRAMME STRUCTURE - Subjects

### Pre-Clinical Phase (Year 1-2)

- Building the foundation of medical knowledge
- Problem-based learning, interactive lectures, laboratory sessions, small group discussions and early exposure to clinical skills

#### Year 1

- Cellular Biomolecules
- Tissues of Body
- Membrane and Receptor
- Metabolism
- Sustainability in Medicine
- Communication Skills
- Integrity & Anti-corruption
- Human Genetics
- Infection & Immunity
- Mechanisms of Diseases
- Behavioural Sciences
- Medicine & Society I
- Musculoskeletal System

#### Year 2

- Blood & Lymph
- Cardiovascular System
- Respiratory System
- Urinary System
- Clinical Science I
- Medicine & Society II
- Community Service for Planetary Health
- Gastrointestinal & Hepatobiliary System
- Endocrine System
- Neurosciences
- Reproductive System
- Clinical Science II
- Intensive Research Project in Medicine I
- Planetary Health in Medicine
- Entrepreneurial Mindset and Skills

## MOHE COMPULSORY GENERAL STUDIES SUBJECTS

### For Local students:

- Appreciation of Ethics & Civilisation
- Philosophy & Current Issues
- Bahasa Kebangsaan A  
(Applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu) OR  
Critical Thinking

### For International students:

- Appreciation of Ethics & Civilisation
- Critical Thinking
- Malay Language for Communication 2

### Clinical Clerkship (Year 3-5)

- Real-life patient care scenarios
- Rotation through various clinical specialties

#### Year 3

- Advancements in Healthcare & Digital Technology
- Elective
- Family Medicine I
- Internal Medicine I
- Medicine and Society III
- Radiology I
- Intensive Research Project in Medicine II
- Surgery I

#### Year 4

- Anaesthesiology
- Forensic Pathology
- Interprofessional Education
- Obstetrics & Gynaecology I
- Ophthalmology
- Orthopaedics
- Paediatrics I
- Psychiatry
- Radiology II

#### Year 5

- Emergency Medicine
- Family Medicine II
- Internal Medicine II
- Obstetrics & Gynaecology II
- Otorhinolaryngology
- Paediatrics II
- Surgery II





# WHY DOCTOR OF MEDICINE (MD) IN SUNWAY UNIVERSITY?

## NURTURING FUTURE-READY MEDICAL DOCTORS



### Sustainability in Medicine

Sustainability in medicine focuses on practices that minimise environmental impact, promoting the responsible use of resources in healthcare delivery.



### Inter-professional education

Be prepared for clinical practice and the next level of training by learning the roles and dynamics within a healthcare setting, and how best to collaborate in a multidisciplinary healthcare team.



### Behavioural sciences in a new normal era

Equip yourself with the knowledge and skills to understand and influence patient behavior to foster better communication and deliver effective care.



### World-class research ecosystem

Students can immerse themselves in research projects with Sunway University's established global partners such as the University of Cambridge, Oxford University, and Harvard University that seek to find innovative solutions to the most pressing healthcare challenges.



### Dynamic interplay between the health and well-being of humans and the planet

Examine the interconnection between planetary health conditions and human health, stressing the importance of addressing ecological issues to improve overall health and well-being.



### Transformative community initiatives

Through on-going community projects, get involved in raising awareness on environmental health, hygiene and nutrition, to safeguard and improve public health.



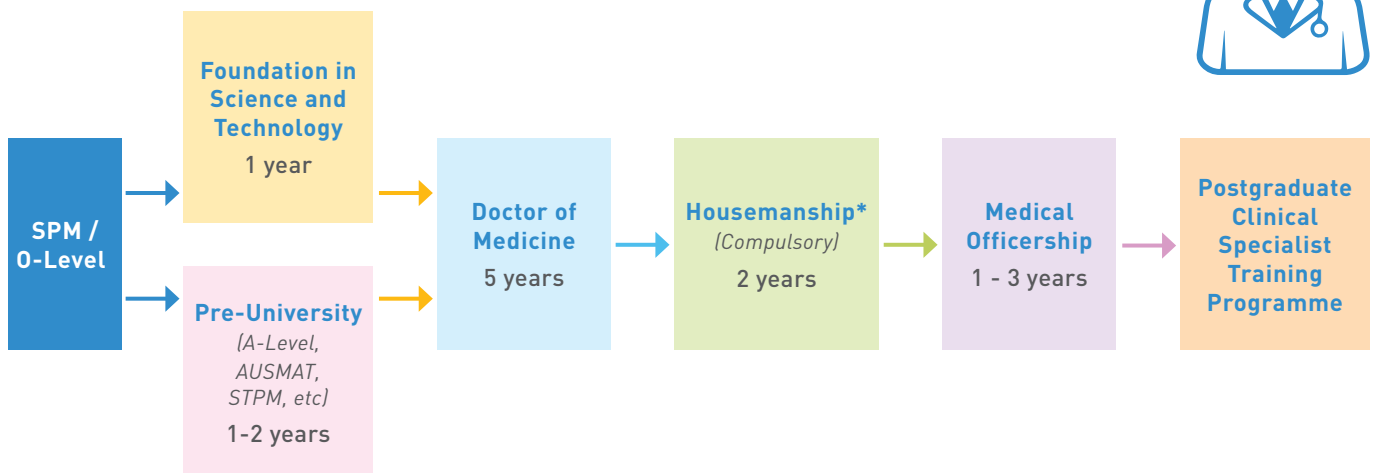
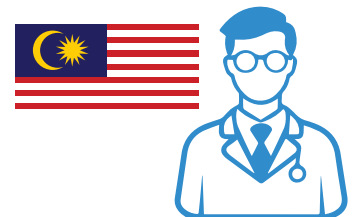
### Digital Health and Telemedicine

Be at the forefront of high-tech healthcare delivery with exposure to telemedicine platforms, digital health solutions and other technological advances.

## LEVERAGE ON THE SUNWAY ECOSYSTEM

Gain clinical training experience at Sunway Medical Centre, a leading private quaternary hospital in Malaysia with a range of comprehensive medical and specialised services. The Sunway Healthcare Group, with its network of hospitals, specialist centres, and ancillary healthcare services, provides abundant opportunities for exposure into a myriad of fields within healthcare.

## YOUR PATHWAY TO QUALIFY AS A MEDICAL DOCTOR IN MALAYSIA



\*Housemanship in Malaysia is currently not available to non-Malaysians

# BACHELOR OF NURSING (HONOURS)

## PROGRAMME INTRODUCTION

Sunway University's **Bachelor of Nursing** programme integrates conventional teaching methods with state-of-the-art technological applications. Tailored for individuals with a deep-seated passion for nurturing others' well-being, this programme offers a comprehensive education in nursing.

Students in this programme delve into the intricacies of human anatomy and physiology, acquiring essential skills in caring, rehabilitating, and counselling. Emphasising collaborative healthcare, students learn to work cohesively to provide holistic care for all patients.

This programme ensures that Sunway University nursing graduates emerge as knowledgeable, competent, and compassionate professionals equipped to address diverse healthcare needs.

Theoretical and practical assessments are conducted each semester throughout the three-year programme. Upon successfully passing the licensure examination, students are awarded with both Sunway University and Nursing Board of Malaysia Registration Certificates.



## CAREER PROSPECTS

- Clinical Instructor
- Dean of School of Nursing
- Director of Nursing
- Nurse Educator
- Nurse Researcher
- Nursing Administrator
- Nursing Lecturer
- Nursing Manager
- Nursing Professor
- Registered Nurse
- Tutor

## PROGRAMME STRUCTURE - Subjects

### Year 1

- Clinical Nursing Therapeutics
- Clinical Practicum I
- Clinical Practicum II
- Communication in Nursing
- Human Anatomy & Physiology I
- Human Anatomy & Physiology II
- Microbiology & Parasitology
- Nursing Fundamentals
- Pharmacology
- Psychology

### Year 2

- Care of patients with altered Cardiovascular and Respiratory System
- Care of patients with altered Gastrointestinal System
- Care of patients with altered Genitourinary System
- Care of patients with altered Haematological and Oncology System
- Care of patients with altered Musculoskeletal and Endocrine System
- Community Health Nursing
- Clinical Practicum III
- Clinical Practicum IV
- Law and Ethics
- Obstetrics and Gynaecology Nursing
- Sociology

### Year 3

- Care of patients with altered Central Nervous System and Special Sensory System
- Clinical Practicum V
- Clinical Practicum VI
- Communicable Disease
- Emergency, Critical Care & Perioperative Nursing
- Gerontological Nursing
- Management in Nursing
- Mental Health Nursing
- Paediatric Nursing
- Research Methodology for Nursing
- Statistics in Nursing

### Year 4

- Clinical Practicum VII
- Clinical Practicum VIII
- End of Life Care / Nursing Entrepreneurship
- Principles of Evidence-Based Nursing
- Research Project

## GENERAL MODULES (MPU SUBJECTS)

- Community Service for Planetary Health
- Critical Thinking or Bahasa Kebangsaan A
- English for Health Science
- Entrepreneurial Mindset and Skills
- Falsafah dan Isu Semasa (Local) / Bahasa Melayu Komunikasi 2 (International)
- Integrity and Anti-Corruption Course (KIAR)
- Penghayatan Etika dan Peradaban (Local) / Appreciation of Ethics and Civilisation (International)

The curriculum is subject to change. MPU modules are compulsory, imposed by the Ministry of Higher Education under the Private Higher Educational Institutions Act 1996 (Act 555). Every student must pass all modules as a prerequisite for awarding the degree.



*The curriculum is subject to change. MPU modules are compulsory, imposed by the Ministry of Higher Education under the Private Higher Educational Institutions Act 1996 (Act 555). Every student must pass all modules as a prerequisite for awarding the degree.*



## WHY A BACHELOR'S DEGREE IN NURSING AT SUNWAY?

### ENGAGING LEARNING ENVIRONMENT

Experience dynamic learning through simulations, bedside teaching, and interactive discussions in both classroom and clinical settings.

### EXPERT FACULTY

Learn from highly qualified and experienced nursing educators who bring real-world expertise to the classroom.

### COMPREHENSIVE CURRICULUM

Benefit from a thorough and well-rounded curriculum that prepares you for all aspects of nursing practice.

### ADVANCED EDUCATION

Specialised knowledge & skills to handle complexities of modern healthcare systems. Broader scope of practice in performing advanced nursing interventions & procedures.

### CAREER ADVANCEMENT

A bachelor's degree offers greater career advancement opportunities, including roles in management, education, and research.

### COMPETITIVE GLOBAL ADVANTAGE

Many countries increasingly require nurses to hold a degree-level qualification, opening up opportunities to work abroad and in multinational healthcare organisations.

### SPONSORSHIP FROM SUNWAY MEDICAL CENTRE

Sponsorship coverage includes:

- Academic bonus
- Accommodation
- Book allowance
- Meal allowance
- Medical benefits
- Monthly student allowance
- Registration fee
- Resource fee
- Tuition fee

**SUNWAY**  
MEDICAL CENTRE

### CONTACT

**Ms Kalivani Poongawanam**

Email:

[kalivanip@sunway.edu.my](mailto:kalivanip@sunway.edu.my)

Phone Number:

**03-74918622 ext 7416**

# BACHELOR OF SCIENCE (HONOURS) IN PSYCHOLOGY

## PROGRAMME INTRODUCTION

We offer you a 3-year degree programme with an extensive combination of topics taught by research-active academics with international experiences.

Throughout the programme, you will be taught core concepts in psychology and how they are informed by scientific research, beginning from basic concepts in the first year, to a more in-depth look in the second year, and in the final year, you get to select special electives to focus on while carrying out an independent final-year research project. You will also be given an internship opportunity where you get to apply what you learn in a workplace setting.

You will be exposed to basic research methods and analyses in psychological investigations to equip you with lifelong learning skills essential for sustainable development. You will also learn the international communication methods of psychology (i.e. APA Style) to facilitate your presentation of ideas and scientific investigations.

VALIDATED BY:



## CAREER PROSPECTS

- Advertising and marketing manager
- Behaviour therapist
- Case manager
- Child development consultant
- Educator
- Entrepreneur
- General manager
- Human resources manager
- Journalist
- Management consultant
- Market research consultant
- Patient care coordinator
- Psychiatric aide
- Public relations consultant
- Recruitment specialist
- Social policy analyst
- Special education teacher
- Wellness coach

## PROGRAMME STRUCTURE - Subjects

### Year 1

- Communication Skills
- Ethics in Psychology
- English for Psychology
- Human Physiology
- History of Psychology
- Introduction to Psychology
- Motivation & Emotion
- Research Methods in Psychology 1
- Free Electives I
- Free Electives II

### Year 2

- Biological Psychology
- Cognitive Psychology
- Community Service for Planetary Health
- Developmental Psychology
- Entrepreneurial Mindset & Skills
- Integrity & Anti-corruption
- Personality Psychology
- Psychological Disorders
- Psychological Testing
- Research Methods in Psychology 2
- Social Psychology

### Year 3

- Behaviour Modification
- Counselling Psychology
- Industrial Exposure
- Organisational Psychology
- Research Project 1
- Research Project 2

### Electives (choose 3)

- Applied Developmental Psychology
- Community Mental Health
- Cross Cultural Psychology
- Educational Psychology
- Health Psychology
- Human Neuropsychology
- Learning Disabilities
- Positive Psychology
- Sensation & Perception

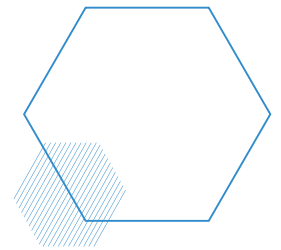
### MOHE COMPULSORY GENERAL STUDIES SUBJECTS

#### For Local students:

- Appreciation of Ethics & Civilisation
- Philosophy & Current Issues
- Bahasa Kebangsaan A  
*(Applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu) OR*
- Critical Thinking

#### For International students:

- Appreciation of Ethics & Civilisation
- Critical Thinking
- Malay Language for Communication 2



\* Free electives are courses offered university-wide. Students are encouraged to take the electives offered by other schools and departments.



JPT/BPP[U][R3/0313/6/0018/A5452]07/29

# MOBILITY & STUDY ABROAD \*

## LANCASTER UNIVERSITY

### SUMMER PROGRAMME

3 weeks (July/August)

### STUDY ABROAD

2<sup>nd</sup> year of study

### STUDENT EXCHANGE

### 1 + 2 ARTICULATION

2 years • 2<sup>nd</sup> year entry

- COVENTRY UNIVERSITY
- UNIVERSITY OF EAST ANGLIA
- UNIVERSITY OF ESSEX
- UNIVERSITY OF WESTERN AUSTRALIA

Study abroad (1+2)

2 years • 2<sup>nd</sup> year entry

### QUEEN'S UNIVERSITY BELFAST SUMMER PROGRAMME

2 weeks  
(July/August)

### KOREAN SUMMER / WINTER PROGRAMME

2 weeks  
Summer: August  
Winter: December/January

*\*Subject to meeting requirements. Terms and conditions apply.*



# BSC (HONS) MEDICAL BIOTECHNOLOGY

## PROGRAMME INTRODUCTION

Medical Biotechnology is the study and use of living cells and organisms to develop products, techniques, or devices for medical and healthcare applications. The world of medicine has been revolutionised by numerous applications of medical biotechnology, such as the production of synthetic insulin for diabetes treatment, the creation of non-invasive capsules for assessing gastrointestinal conditions, and the invention of vaccines.

The BSc (Hons) Medical Biotechnology curriculum is updated to include the latest advances in Biotechnology, delivered by research-active faculty members. Students are also taught practical laboratory techniques, foundations of scientific research, and critical thinking and communication skills. These skills help them navigate the dynamic and thrilling world of medical biotechnology.

## PROGRAMME STRUCTURE - Subjects

### Year 1

- Basic Biostatistics
- Cell Biology
- Clinical Chemistry
- Communication Skills
- English for Life Sciences
- Human Anatomy
- Human Physiology
- Impact of Microbes on Human Life
- Introduction to Organic Chemistry
- Principles of Genetics

### Year 2

- Biochemistry
- Bioinformatics
- Community Service for Planetary Health
- Entrepreneurial Mindset and Skills
- Epidemiology & Public Health
- Human Molecular Genetics
- Instrumental Analysis
- Integrity & Anti-Corruption
- Pharmacology and Toxicology
- Medical Microbiology
- Research & Publications
- Free Elective I
- Free Elective II

### Year 3

- Immunology
- Internship
- Research Project

### Electives (Choose 3)

- Current Topics in Biomedical Science
- Molecular Diagnostics
- Neurobiology
- Parasitology and Virology
- Pharmaceutical Technology

### MOHE COMPULSORY GENERAL STUDIES SUBJECTS

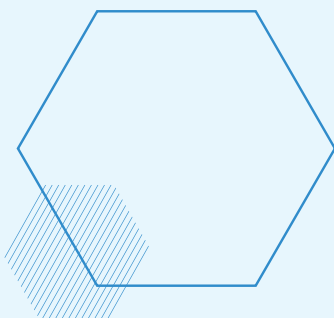
#### For Local students:

- Appreciation of Ethics & Civilisation
- Philosophy & Current Issues
- Bahasa Kebangsaan A  
*(Applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu) OR*  
Critical Thinking

#### For International students:

- Appreciation of Ethics & Civilisation
- Critical Thinking
- Malay Language for Communication 2

VALIDATED BY:



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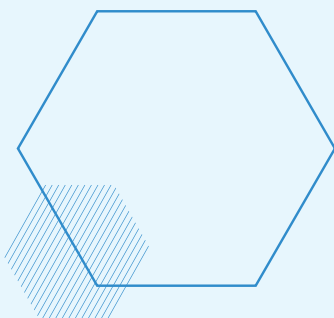
# BACHELOR OF SCIENCE (HONOURS) BIOMEDICINE

## PROGRAMME INTRODUCTION

Get involved in the healthcare sector with this medically-oriented degree. Our Biomedicine degree provides an ideal platform for careers in biology and biomedicine, including further postgraduate study.

Biomedicine is a branch of medical science that deals with the development of diagnostic modalities and treatments for current and emerging threats to human health. This programme imparts the knowledge of anatomy, physiology, pharmacology, biochemistry, cell biology, and genetics which are important for modern medicine and public health. Graduates will develop fundamental skills in critical thinking, problem solving, and communication which are invaluable in understanding the global health trends and biomedical research advances.

VALIDATED BY:



## PROGRAMME STRUCTURE - Subjects

### Year 1

- Basic Biochemistry
- Basic Biostatistics
- Basic Genetics
- Cell Biology
- Clinical Chemistry
- Communication Skills
- English for Life Sciences
- Ethics in Healthcare Science
- General Microbiology
- Human Anatomy
- Human Physiology

### Year 2

- Bioinformatics
- Community Service for Planetary Health
- Entrepreneurial Mindset & Skills
- Epidemiology & Public Health
- Human Molecular Genetics
- Integrity & Anti-Corruption
- Medical Biochemistry
- Medical Microbiology
- Pathology
- Pharmacology & Toxicology
- Research & Publications

### Electives (Choose 1)

- Instrumental Analysis
- Medical Entomology

### Year 3

- Clinical Biochemistry Practice
- Haematology & Transfusion Science
- Histology & Cytology
- Immunology
- Molecular Diagnostics
- Internship
- Neurobiology
- Parasitology & Virology
- Research Project

### Electives (Choose 1)

- Current Topics in Biomedical Science
- Pharmaceutical Technology

### MOHE COMPULSORY GENERAL STUDIES SUBJECTS

#### For Local students:

- Appreciation of Ethics & Civilisation
- Philosophy & Current Issues
- Bahasa Kebangsaan A  
*(Applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu) OR*  
Critical Thinking

#### For International students:

- Appreciation of Ethics & Civilisation
- Critical Thinking
- Malay Language for Communication 2



# CAREER PROSPECTS

- BSC (HONS) MEDICAL BIOTECHNOLOGY
- BACHELOR OF SCIENCE (HONOURS) BIOMEDICINE



- Academia
- Academia (specialist educators)
- Clinical research scientist
- Entrepreneurs and marketing professionals
- Food industries (new food manufacturing processes, probiotics formulation)
- Forensics (DNA fingerprinting, paternity identification)
- Healthcare research (research officer in CRO, therapeutic medicines, innovation of diagnostic detection kits)
- Insurance industry (insurance product development)
- Medical and scientific product specialist
- Patent law (intellectual property consultants, regulatory affairs specialists)
- Pharmaceutical industries (quality assurance personnel, product specialists, bioprocessing and biomufacturing executives)
- Pharmaceutical research and development
- Writer (scientific writer, novelist)





# MOBILITY & STUDY ABROAD

PROGRAMME	MOBILITY OPTIONS*			
	Lancaster University			Korean Summer/Winter programme
	Summer programme	Study abroad	1+2 articulation	
	3 weeks	1 semester	2 years	2 weeks
BSc (Hons) Medical Biotechnology	✓	✓	✓	✓
Bachelor of Science (Honours) Biomedicine	✓	✓	✓	✓

\*Subject to meeting requirements. Terms and conditions apply.

For more information about Lancaster mobility options, visit <https://sunwayuniversity.edu.my/sunway-university-lancaster-university>



# DIPLOMA IN NURSING

## PROGRAMME INTRODUCTION

Sunway's Diploma in Nursing combines both conventional and state-of-the-art technological applications. The programme is catered for those with a passion for nurturing the well-being of others.

Students in this programme will be able to learn about the anatomy and physiology of the human body. The course ensures that students acquire skills in caring, rehabilitating and counselling, while also working as a unit to provide holistic healthcare for all patients. This programme ensures that Sunway University nursing graduates emerge as knowledgeable, competent and caring professionals when taking care of those in need of assistance from a healthcare perspective.

The theory and practical assessments are conducted for each semester throughout the 3-year programme. Students will be awarded with Sunway University and the Nursing Board of Malaysia Registration Certificates upon successfully passing the licensure examination.

Sunway Medical Centre offers exclusive sponsorship to students to pursue nursing studies at Sunway University, whereby employment is guaranteed upon graduation.

Some go on into fields such as

- Business Administration
- Counselling
- Hospital Management
- Human Resource

## CAREER PROSPECTS

- Clinical Instructor
- Dean of School of Nursing
- Director of Nursing
- Nursing Educators
- Nursing Manager  
(e.g. Emergency Care, Intensive Care, Operating Theatre, Midwife, Dialysis, Eye, Paediatric & Coronary Care)
- Registered Nurse

## PROGRAMME STRUCTURE - Subjects

### Year 1

- Anatomy & Physiology I
- Anatomy & Physiology II
- Communication and Counselling in Nursing
- Microbiology and Parasitology
- Pharmacology
- Principle & Practice in Nursing I
- Principle & Practice in Nursing II
- Professional Practice I
- Professional Practice II
- Psychology & Sociology
- Surgical Nursing

### Year 2

- Basic Communication Skills for Nurses
- Cardiovascular Nursing
- Community Health Nursing I
- Dermatological & Gerontology Nursing
- Gastrointestinal Nursing
- Haemopoietic & Oncology Nursing
- Obstetrics & Gynaecology Nursing
- Orthopedic Nursing
- Paediatric Nursing
- Professional Practice III
- Professional Practice IV
- Respiratory Nursing
- Urology Nursing

### Year 3

- Communicable Disease Nursing
- Community Health Nursing II
- Emergency & Critical Care
- Endocrine Nursing
- Law and Ethics in Nursing
- Management & Leadership in Nursing
- Neurological Nursing
- Ophthalmology & Otorhinolaryngology Nursing
- Professional Practice V
- Professional Practice VI
- Psychiatric Nursing
- Research Methodology

## CONTACT

**Nitiakaliyani balasubramaniam**

*Programme Leader –  
Diploma in Nursing*

**School of Medical and Life  
Sciences, Sunway University**

Email:

**nitiaab@sunway.edu.my**

Phone Number:

**03-74918622 Ext 7427**

## MOHE COMPULSORY GENERAL STUDIES SUBJECTS

### For Local students:

- Appreciation of Ethics & Civilisation
- Bahasa Kebangsaan A  
(Applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu)
- Community Service for Planetary Health
- English for Specific Purpose
- Integrity & Anti-Corruption
- Moral Education/Islamic Studies

### For International students:

- Community Service for Planetary Health
- English for Specific Purpose
- Integrity & Anti-Corruption
- Malay Language for Communication 1
- Moral Education/Islamic Studies

## FULL SPONSORSHIP AVAILABLE:

### Sponsorship coverage:

- Academic bonus
- Accommodation
- Book allowance
- Full tuition fee for 3 years
- Meal allowance
- Medical benefits
- Monthly allowance
- Registration fee
- Resource fee



Secured employment upon graduation

**SUNWAY  
MEDICAL CENTRE**



## OTHER SPONSORSHIPS:

1.



**BIASISWA KERAJAAN  
NEGERI SABAH**

*(for Sabah residents ONLY)*

2. PTPTN Loan



# POST BASIC IN NURSING

## POST BASIC IN INTENSIVE CARE NURSING

JPT/BPP(U)[R/0913/2/0006/FA12111]06/30

### PROGRAMME STRUCTURE - Subjects

- Applied Anatomy & Physiology
- Concepts of Critical Care Nursing
- Cardiovascular and Blood Disorders Nursing
- Respiratory Nursing
- Neurological and Endocrine Nursing
- Renal & Gastrointestinal Nursing
- Trauma & Emergency Nursing
- Professional Practice I
- Professional Practice II

### CONTACT

**Harjit Kaur**

*Programme Leader – Intensive Care Nursing*  
**School of Medical and Life Sciences, Sunway University**

Email : [harjits@sunway.edu.my](mailto:harjits@sunway.edu.my)

Phone Number : **03-74918622 Ext 7440**

## POST BASIC IN PERIOPERATIVE NURSING

JPT/BPP(U)[N/723/2/0007/FA12110]12/25

### PROGRAMME STRUCTURE - Subjects

- Fundamentals of Systemic Perioperative Nursing
- Principles of Microbiology and Infection Control
- Communication and Counselling
- Anesthesia Care in Perioperative Nursing
- Perioperative Care 1
- Perioperative Care 2
- Surgical Instrumentation and Equipment
- Professional Practice I
- Professional Practice II

### CONTACT

**Tulasi Dewi Visuranathan**

*Programme Leader - Perioperative Nursing*  
**School of Medical and Life Sciences, Sunway University**

Email : [tulasiv@sunway.edu.my](mailto:tulasiv@sunway.edu.my)

Phone Number : **03-74918622 Ext 7423**

## POST BASIC IN ONCOLOGY NURSING

JPT/BPP(U)[N/0913/2/0027/PA17301]11/29

### PROGRAMME STRUCTURE - Subjects

- Basic Medical Science in Oncology Nursing
- Behavioural Science in Oncology Nursing
- Nursing Science in Adult and Childhood Cancers
- Nursing Science in Cancer Treatment Modalities
- Nursing Science in Oncology Skills and Procedures
- Clinical Placement in Oncology Nursing

### CONTACT

**Ho Sweet Lee**

*Programme Leader – Oncology Nursing*  
**School of Medical and Life Sciences, Sunway University**

Email : [sweetleeh@sunway.edu.my](mailto:sweetleeh@sunway.edu.my)

Phone Number : **03-74918622 Ext: 7416**

## POST BASIC IN RENAL NURSING

JPT/BPP(U)[N/0913/2/0016/PA16439]06/29

### PROGRAMME STRUCTURE - Subjects

- Basic Nephrology
- Fundamental Aspects in Renal Nursing
- Renal Nursing I
- Renal Nursing II
- Renal Nursing III
- Renal Practice I
- Renal Practice II

### CONTACT

**Wong Lee Sia**

*Programme Leader – Renal Nursing,*  
**School of Medical and Life Sciences, Sunway University**

Email : [leesiaw@sunway.edu.my](mailto:leesiaw@sunway.edu.my)

Phone Number : **03-74918622 Ext 7422**



# BRINGING YOU FURTHER

## Internship providers and employers of our graduates:

### Biotechnology (Pharmaceutical, Diagnostic lab, medical supply and services, scientific supply)

- Abbott Labs
- Absolute Genetic Technologies
- Acumen Scientific Sdn. Bhd.
- Advance Genomics Sdn. Bhd.
- Agilent Technologies LDA (M) Sdn. Bhd.
- AGTC Genomics Sdn. Bhd.
- AHS Laboratories Supplies
- AJ Pharma Holding Sdn. Bhd.
- Alpha Fertility Centre
- ALS Technichem (M) Sdn. Bhd.
- Asia Assistance
- AstraZeneca Sdn. Bhd.
- Attest Research Sdn. Bhd.
- Asia Pacific Special Nutrients Sdn. Bhd.
- Boehringer Ingelheim Malaysia
- Biocon Sdn. Bhd.
- Biolife Lab Sdn. Bhd.
- Biomarketing Services Sdn. Bhd.
- Bionexus Gene Lab Sdn. Bhd.
- Biovalence Sdn. Bhd.
- CellSafe International Sdn. Bhd.
- Chemvi Laboratory Sdn. Bhd.
- Codon Genomics Sdn. Bhd.
- Compesti Sdn. Bhd.
- Cryocord Sdn. Bhd.
- Ecolab Malaysia Sdn. Bhd.
- Eppendorf Asia-Pacific Sdn. Bhd.

- ECRI Berhad
- Fisher Scientific (M) Sdn. Bhd.
- Gribbles Pathology
- IKA Works Sdn. Bhd.
- Interscience Sdn. Bhd.
- IQVIA (Formerly known as QuintilesIMS)
- Klinsel Sdn. Bhd.
- Medi-Life (M) Sdn. Bhd.
- Metro IVF Fertility Center
- Myco Medic Sdn. Bhd.
- Mygenome Sdn. Bhd.
- Neogenix Laboratoire
- Next Gene Scientific Sdn. Bhd.
- Peerhealth Malaysia
- Roche (Malaysia) Sdn. Bhd.
- SG Global Biotech Sdn. Bhd.
- Speedy Assay Sdn. Bhd.
- SuperDNA Sdn. Bhd.
- TeleMe Technologies Sdn. Bhd.
- Venn Biosciences Sdn. Bhd.
- Vision Diagnostic Centre
- Vivantis Technologies Sdn. Bhd.

### Education & Research (Including research institution)

- Burnet Institute, Australia
- Center for Drug Research, USM
- Clinical Research Malaysia
- EcoKnights
- Food and Drug Authority, Maldives

- Galen Centre for Health and Social Policy
- Malaysia Genome Institute
- Malaysian Biotechnology Information Centre (MABIC)
- Monash University Malaysia
- Nepal Health Research Council
- RIMBA
- Sunway Lagoon Wildlife Park
- University of Bristol
- University of Hong Kong
- University of Malaya
- University of Manchester

### Hospital

- Beacon International Specialist Centre
- Biolife Lab Sdn. Bhd.
- CMH Specialist Hospital
- Dawn Diagnostic Laboratory, Zambia
- Gribbles Pathology (M) Sdn. Bhd.
- Jerudong Park Medical Centre, Brunei
- Jesselton Medical Centre
- Pantai Premier Pathology
- Pathlab (Pathology & Clinical Laboratory Sdn. Bhd.)
- Prima Lab Sdn. Bhd.
- Subang Jaya Medical Centre
- Sunway Medical Centre
- Treetop Health Pvt. Ltd., Maldives

## CAREER READINESS

Develop students' potential & strength through better awareness of themselves and surrounding

### EXPLORATION

#### Activities

- Career planning workshop
- Company visits
- Discovery series
- Personal development sessions
- Psychology forum
- Psychology career talks

Equip students with professional skills & experience

### EXPERIENCE

#### Activities

- Internship workshops
- Resume & interview preparation modules
- Professionalism series
- Internship recruitment talks
- Industry-linked projects

Provide exposure to real world opportunities & outlook

### EMPLOYMENT

#### Activities

- Pre-employment workshop
- Industry focus groups
- Career building series
- Graduate recruitment talks
- Career fairs

**Accounting, Banking, Finance**

- AmBank
- CIMB Group
- Ernst & Young
- HSBC
- KPMG
- Maybank
- Public Bank
- Securities Commission Malaysia

**Advertising, Communication, Media**

- Business FM Radio
- Group M
- Leo Burnett PR
- The Star

**Biotechnology, Pharmaceutical**

- Agilent Technologies
- B. Braun Medical Supplies Sdn Bhd
- Novartis Corporation
- Pfizer

**Conglomerates**

- Sunway Group (Sunway Construction, Sunway Education Group, Sunway Pyramid, Sunway Lagoon, Sunway Medical Centre)

**Construction**

- Gamuda

**Consultancy, Market Research**

- AON Hewitt
- Deloitte
- Hays
- Insight Asia
- Ipsos
- Leadernomics
- Nielsen Consumer Insights
- Quality People Asia Sdn Bhd

**Education, Special Needs**

- Education**
- ADAPT Centre
  - ALRITE Autism Centre
  - Autism Behavioral Centre
  - Early Autism Project Malaysia
  - Kairos Centre
  - Oasis Place Sdn Bhd
  - Parenthood Preschool
  - Seed Autism
  - The Children House
  - The Happy Leaves Autism & Special Needs Therapy Centre
  - Trinity Kids Sdn Bhd

**Government Agency**

- Institut Sukan Negara
- Khazanah Nasional Berhad

**Information Technology**

- Accenture
- Bosch Malaysia
- IBM
- Microsoft (Malaysia) Sdn Bhd

**Mental Health Services**

- Bae Counselling
- Naluri Hidup
- Rekindle Therapy
- Relationaly
- The Mind
- Telos Mental Wellness
- Turning Point Integrated Wellness

**NGO, Non-profit organisation**

- All Women’s Action Society (AWAM)
- Malaysian Centre for Constitutionalism and Human Rights
- Malaysia Mental Health Association
- NGOhub
- SOLS 24/7 Malaysia
- Teach for Malaysia

**Oil & Gas**

- Shell

**Retail & Consumer Goods**

- Procter & Gamble
- Shopee



**Sunway University**  
**Tops Talentbank’s Graduate Employability**  
**Ranking for Third Consecutive Year**  
**2022, 2023 & 2024**



**Opportunities in Sunway Group**

The Sunway Group is one of Southeast Asia’s leading conglomerates with 13 business divisions across more than 50 locations worldwide and a 16,000-strong employee base. The 13 business divisions are:

- |                     |                                   |               |                                  |
|---------------------|-----------------------------------|---------------|----------------------------------|
| • Building Maetrial | • Healthcare                      | • Leisure     | • REIT & other real estate funds |
| • Construction      | • Hospitality                     | • Malls       | • Trading & Manufacturing        |
| • Digital           | • Investment & Financial Services | • Quarry      |                                  |
| • Education         |                                   | • Real Estate |                                  |



# WHERE ARE OUR GRADUATES NOW?



**Arjun A/L Thanaraju**  
BSc (Hons) Biology with Psychology

PhD student at Sunway University

**Research area :** Socioeconomic status and brain ageing



**Elise Chua**  
Bachelor of Science (Honours) in Psychology

**Company :** Mind to Heart Psychology, Australia

**Position :** Clinical Psychologist



**Dr Aditi Sachdev**  
Bachelor of Science (Honours) in Psychology

**Company :** PIMCO, USA

**Position :** Employee Experience and Analytics Manager



**Ethan Yeoh Zhen Hsien**  
BSc (Hons) Medical Biotechnology

**Company :** Next Gene Scientific Sdn Bhd

**Position :** Business Development Manager



**Carmen Kong**  
Bachelor of Science (Honours) in Psychology

**Company :** ABA Project

**Position :** Behaviour Consultant



**Evelyn Sze Zen, Low**  
Bachelor of Science (Honours) in Psychology

**Company :** Circles, Singapore

**Position :** Head of Organization and Talent Development



**Cassandra Pillay**  
Bachelor of Science (Honours) in Psychology

**Company :** World Bank Group, Austria

**Position :** Climate Change Consultant



**Foo Pao Jia**  
BSc (Hons) Biology with Psychology

**Company :** Boehringer Ingelheim

**Position :** Medical Sales Representative



**Chew Jeuvin**  
Bachelor of Science (Honours) Biomedicine

**Company :** Salford City Academy, UK

**Position :** Science Teacher



**Frederic Lorenzen**  
Bachelor of Science (Honours) in Psychology

**Company :** Dwi Emas International School

**Position :** Academic Director of Sciences



**Danesha Kaur A/P Gopal Singh**  
Diploma in Nursing

**Company :** Sunway Medical Centre

**Position :** Registered Nurse



**Ho Keat Yie**  
Bachelor of Science (Honours) Biomedicine

**Company :** Sunway Medical Centre

**Position :** Medical Lab Scientist

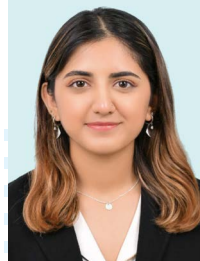


**Jacqueline Tung Yee Chien**

**Bachelor of Science (Honours)  
Biomedicine**

**Company :** ICON plc

**Position :** Site Management Associate



**Raahilah Zahir Essa**

**Bachelor of Science (Honours)  
Biomedicine**

PhD student at Sunway University

**Research area :** Nasopharyngeal Carcinoma



**Kularetnam A/L Vijayakumar**

**Bachelor of Science (Honours)  
in Psychology**

**Company :** Yayasan Tunku Abdul Rahman (YTAR)

**Position :** Programme Manager



**Weng Poh Peng**

**Post Basic Certificate in  
Intensive Care Nursing**

**Company :** Wellington Regional Hospital New Zealand

**Position :** Registered Nurse



**Lydia Esra Atak Binti  
Hikmet Atak**

**BSc (Hons) Medical Biotechnology**

**Company :** Johnson & Johnson

**Position :** Medical Science Liaison



**Will Chew**

**Bachelor of Science (Honours)  
in Psychology**

**Company :** Mak Tok Limited

**Position :** Founder



**Melanie Wong**

**Bachelor of Science (Honours)  
in Psychology**

**Company :** Unilever

**Position :** Organisation Design, Effectiveness & Analytics Partner



**Wong Han Zhiang**

**Bachelor of Science (Honours)  
in Psychology**

**Company :** Mars, China

**Position :** Associate Director Strategic Planning & Content Architect



**Muhammad Esmirrafil Helmi  
Bin Shahabudin Helmi**

**BSc (Hons) Medical Biotechnology**

**Company :** Belfast Health & Social Care Trust (BHSC) in the Royal Victoria Hospital, Belfast, Northern Ireland

**Position :** Medical Laboratory Assistant



**Vivian Lee Wooi Voon**

**MSc International Management,  
University of the West of England (UK)**

**Company :** Microsoft Malaysia

**Position :** Integrated Marketing Manager



**Nadia Azmie**

**Bachelor of Science (Honours)  
in Psychology**

**Company :** Rekindle Service for Systematic Therapy

**Position :** Clinical Psychologist



**Yong Shin Jie**

**BSc (Hons) Biology with Psychology  
Masters of Life Sciences, Sunway University**

**Company :** Self employed

**Position :** Science writer, Sunway University Adjunct Lecturer

**SUNWAY**  
UNIVERSITY



**A CLASS ABOVE**

# MALAYSIA'S



# IN GRADUATE EMPLOYABILITY

For the 3<sup>rd</sup> consecutive year, Sunway University has been recognised as Malaysia's No. 1 in Graduate Employability\*.

We are immensely proud of the accomplishments of our graduates who have gone on to make a huge positive impact to the success of major Malaysian companies and indeed some of the world's leading organisations.

SUNWAY UNIVERSITY GRADUATES, TRULY A CLASS ABOVE

\*Talentbank GE Index 2024