

SUNWAY
COLLEGE



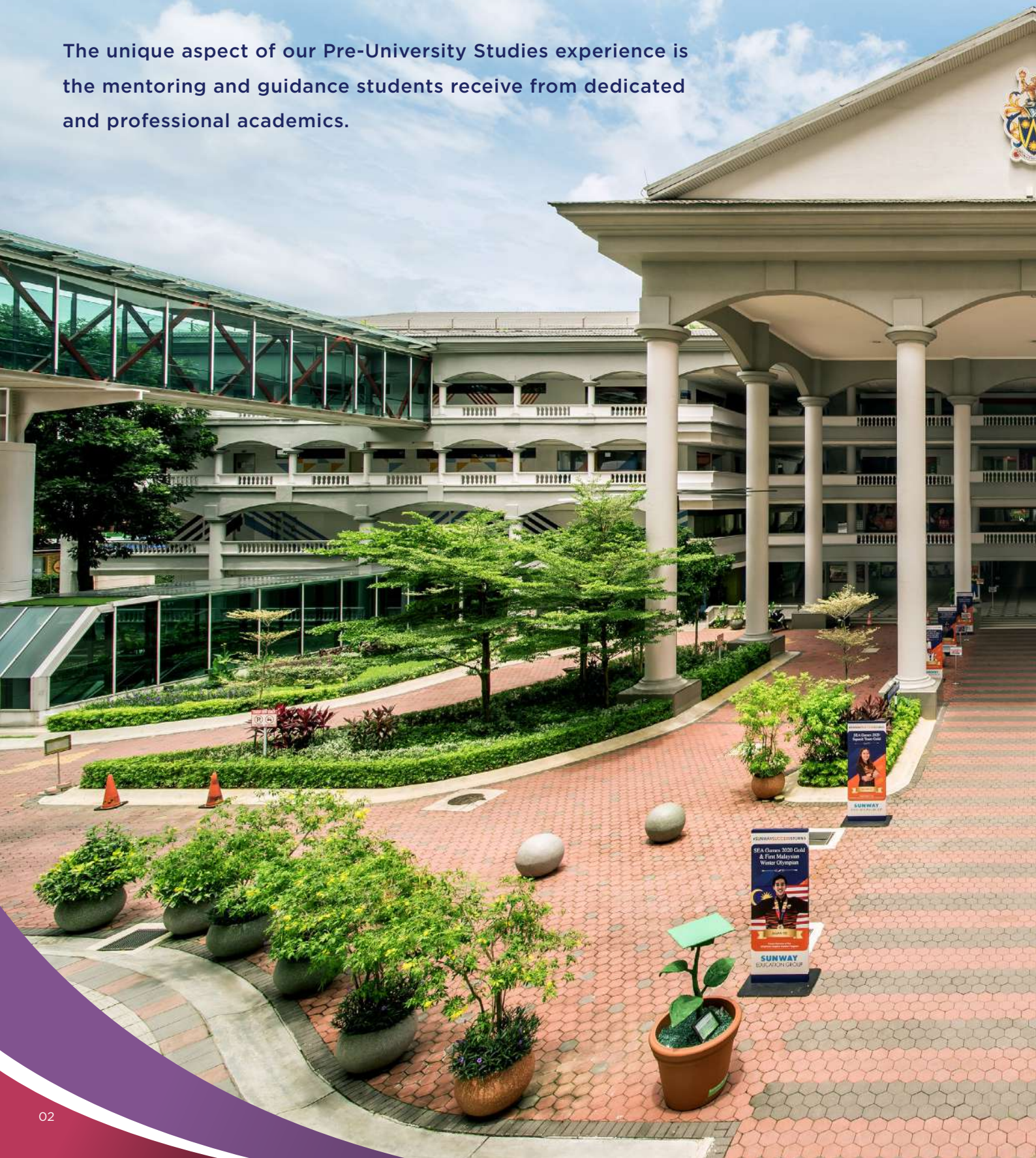
A Brighter Future

PRE-UNIVERSITY STUDIES 2023



Experienced in and committed to working with students in Pre-University Studies, our lecturers and the teaching-learning approaches bring out the best academic performance and leadership attributes in our students.

The unique aspect of our Pre-University Studies experience is the mentoring and guidance students receive from dedicated and professional academics.





AUSTRALIAN MATRICULATION PROGRAMME
(AUSMAT)



CAMBRIDGE GCE
ADVANCED-LEVEL (A-LEVEL)



CANADIAN INTERNATIONAL MATRICULATION
PROGRAMME (CIMP)



MONASH UNIVERSITY
FOUNDATION YEAR (MU FY)



SUNWAY FOUNDATION PROGRAMME
• FOUNDATION IN ARTS (FIA)
• FOUNDATION IN SCIENCE
AND TECHNOLOGY (FIST)

YOUR PATHWAY TO A BRIGHTER FUTURE

FOUNDATION FOR TERTIARY STUDIES

The six internationally recognised Pre-University programmes are tailored to suit individual student's academic pathway. Every success story is a testimony of Sunway College's high degree of pastoral care and academic guidance.

- Australian Matriculation Programme (AUSMAT)
- Cambridge GCE Advanced-Level (A-LEVEL)
- Canadian International Matriculation Programme (CIMP)
- Monash University Foundation Year (MUFY)
- Sunway Foundation in Arts (FIA)
- Sunway Foundation in Science and Technology (FIST)

A strong tradition of academic excellence prevails at Sunway College. Every attention is given to our students' development. Students develop teamwork, communication and independent learning skills which build confidence and success.

ENRICHING LEARNING EXPERIENCES

Students have a head start not only academically but also personally through exposure to extracurricular activities in clubs and societies. They are also enriched by lectures, eminent speakers and industry leaders.

LEARNING RESOURCES & FACILITIES

Sunway College provides a comprehensive range of teaching and learning resources and facilities. Classes are conducted in conducive and well-facilitated premises and are supported by state-of-the-art technology.

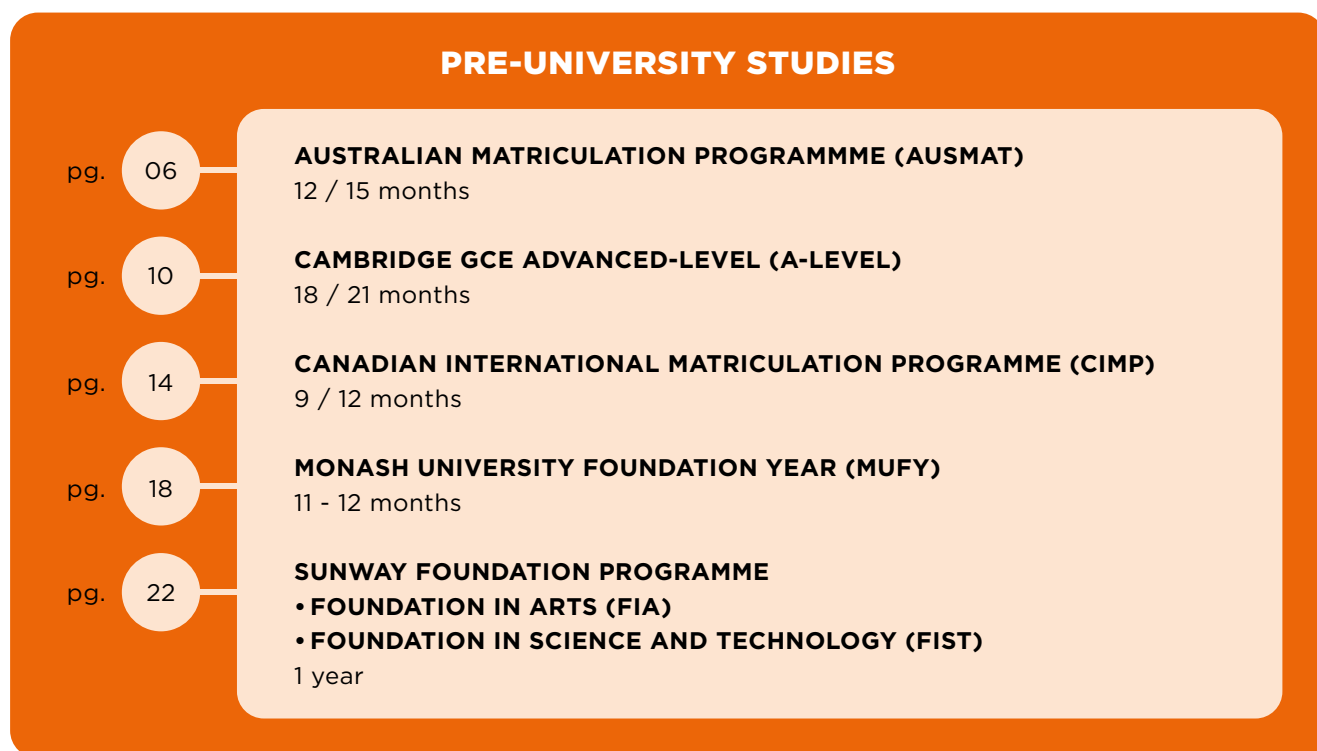
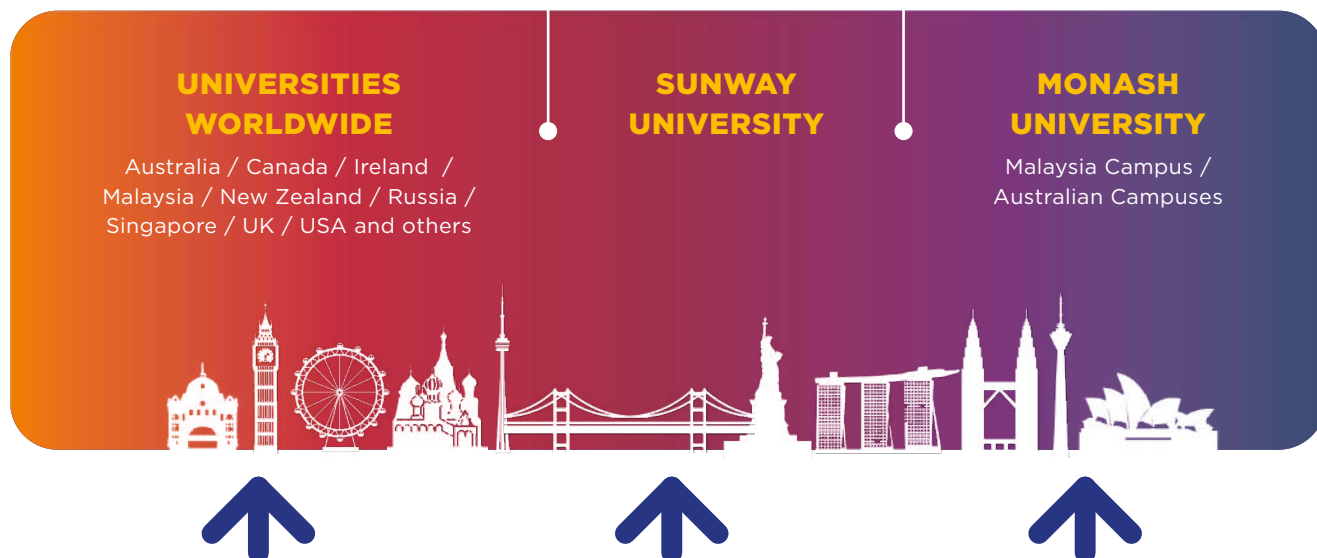
EXPERIENCED & DEDICATED LECTURERS

Lecturers are committed to teaching and learning, offering personalised attention and mentoring through small-group learning to assist students in achieving their goals. More than 70% of Pre-University lecturers at Sunway College have more than 5 years of teaching experience.

GUIDANCE TO UNIVERSITY PLACEMENT

Lecturers and guidance advisors assist students with information and advice on career choices and university applications and place students in the university of their choice. Sunway College's Pre-University students have successfully progressed into prestigious universities worldwide such as Oxford and Cambridge in the UK, Harvard and Cornell in the USA, and Group of Eight Universities in Australia, to name a few.

EDUCATION PATHWAYS





OVER
125
WORLD
AWARDS
TO-DATE

BEST
PERFORMING
AUSMAT
PROVIDER

Based on 2021 results

348
AUSMAT GRADUATES
ACHIEVED
ATAR*80
AND ABOVE

*ATAR: Australian Tertiary
Admission Rank

Based on 2021 results

AUSTRALIAN MATRICULATION PROGRAMME (AUSMAT)



The School Curriculum and Standards Authority of Western Australia, on behalf of the Government of Western Australia, oversees the quality implementation of the AUSMAT Programme.

- More than 35 years of excellence
- Best Smart School Award at the 2019 Edutech Asia Award
- Year 12 Curriculum of Western Australia
- Prepares students for the Western Australian Certificate of Education (WACE)
- More than 100 subject combinations that include Science & Humanities
- Flexibility to explore diverse academic and career interests
- Focus on lifelong learning skills such as consistency, multitasking, time management, collaboration and communication
- Student supporting students: Student Mentoring
- Lecturer supporting students: Academic Advisory, We-Care, University Guidance Advisory
- Parent support: Parent Portal, Parent Info Session, Parent-Lecturer Session

AUSMAT PROGRAMME OVERVIEW

You're suitable for AUSMAT if you:

- ▶ Want a qualification recognised in Malaysia and worldwide
- ▶ Are a 21st century learner who prefers lessons that incorporate effective use of educational technology
- ▶ Want the flexibility to choose subjects from Science & Humanities
- ▶ Prefer the balance of continuous school-based assessment and external exam
- ▶ Prefer to develop skills such as multitasking, consistency, time management, collaboration and communication

CHOICE OF SUBJECTS

Students are required to select five (5) subjects inclusive

OPTION

4+1

4 AT subjects & 1 Professional Skill Electives is for you if:

- You would like to explore different interests
- You would like to focus on 4 subjects in external WACE exam

OPTION

5+0

5 AT subjects is for you if:

- You would like to take advantage of choosing the best 4 of 5 subjects for your ATAR calculation
- You can cope with external WACE exam for 5 subjects

Core Electives (Select 1)

AT English - Additional Language/Dialect	<input type="checkbox"/> AT English	GT English*
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Academic Electives

AT Maths Applications	AT Maths Methods	AT Maths Specialist*	AT Business Management & Enterprise	AT Accounting & Finance
AT Economics	AT Psychology	AT Chemistry	AT Physics	AT Human Biology

Professional Skill Electives*

<input type="checkbox"/> GT Career & Enterprise	GT Computer Science	<input type="checkbox"/> GT Food Science & Technology	<input type="checkbox"/> GT Psychology
<input type="checkbox"/> GT Drama	<input type="checkbox"/> GT Politics & Law	<input type="checkbox"/> GT Engineering Studies	

☐ Subjects are not offered in the July intake.

*For students joining the September intake, these subjects will be offered in Semester 2.

Note:

1. For Subject Code AT, school assessments contribute 50% and external examination, Western Australian Certificate of Exam (WACE) contributes 50% of the final score.
2. For Subject Code GT, School assessments contribute 85% and externally set task contributes 15% of final score.
3. The programme reserves the right not to offer a Professional Skill Elective subject if less than 20 students enrol for the subject.

AUSMAT PROGRAMME STRUCTURE

STRUCTURE

The AUSMAT programme is delivered over 2 semesters (February, July intakes) or 3 semesters (September intake).

It is recommended students use touch screen laptops or tablets to benefit from the digital resources available in the AUSMAT digital library.

ASSESSMENT AND EXAMINATIONS

AUSMAT offers a balanced assessment approach of 50% - 85% school assessment and 50% or 15% external examinations or task.

The school assessment component removes the pressure associated with a single high-stakes end-of-year examination. A variety of assessment methods such as tests, quizzes, assignments, investigations, research, presentations and examinations will develop students as versatile learners.

Officers appointed by the School Curriculum and Standards directly supervise and conduct examinations. Moreover, all external examination scripts are sent to Western Australia for marking.

CALCULATION OF ATAR

AUSMAT provides the benefit of calculating a student's score based on '4 AT' subjects. These scores are then ranked for the Australian Tertiary Admission Rank (ATAR) for university applications.

OUR GRADUATES



**Imperial College
London, UK**
MEng Chemical
Engineering
Tay Xuan Yong



**The University of
Adelaide, Australia**
Bachelor of Innovation
and Entrepreneurship
Kaitlin Teh Ru-Yan



**RWTH Aachen,
Germany**
Mechanical Engineering
(B.Sc.)
Chirag Malani

Entry Requirements

Passed SPM, O-Level or equivalent with minimum five (5) credits including English

English Language Requirement:
For students without a credit or higher in English:

- IELTS - minimum score of 5.5 and Writing not less than 5.5 with no band less than 5.0 or equivalent

Intakes

February / July / September

External Examinations

- First week of November
- Last week of March (for July intake only)



100%

PASS RATE

Based on October/November 2021
Examination

62.2%

STRAIGHT A* / As

Based on October/November 2021
Examination

393

**TOP IN THE WORLD/
TOP IN MALAYSIA
AWARDS TO-DATE**

CAMBRIDGE GCE ADVANCED-LEVEL (A-LEVEL)



We prepare students for the General Certificate of Education Advanced Level (GCE A-Level) qualification through examinations by the Cambridge International Examinations (CIE).

- Accepted as proof of academic ability for entry into highly competitive courses and top-ranked universities worldwide
- Examination structure: Advanced Subsidiary (AS) and Advanced Level (A2)
- Emphasis is on analysis and application of in-depth knowledge and laboratory skills
- Assessment: 100% examination-based
- Mentor-mentee system guides students through their academic progress and university applications

A-LEVEL PROGRAMME OVERVIEW

You're suitable for A-Level if you:

- ▶ Are academically inclined with a strong analytical and inquisitive mind
- ▶ Intend to keep open as many options as possible in terms of university studies
- ▶ Aim to apply for competitive courses and / or universities
- ▶ Prefer a 100% examination-based assessment

CHOICE OF SUBJECTS

The A-Level subjects offered are:

Accounting
Biology
Chemistry
Economics
Further Mathematics#
History
Law
Literature in English
Mathematics
Physics
Psychology
Thinking Skills (AS only)

To be taken as a fourth subject in addition to Mathematics.

Students shall be required to choose **a minimum of three (3) or a maximum of four (4)** A-Level subjects. Thinking Skills is offered at AS Level only. We encourage students to consider Thinking Skills as a fourth or additional subject to strengthen their university applications.

The following is a guide to the most popular subject combinations students choose as pathways to various university programmes.

Pre-Medicine & Pre-Science

Biology
Chemistry
Literature in English
Mathematics
Physics
Psychology

Pre-Engineering & Pre-Science

Chemistry
Economics
Literature in English
Further Mathematics#
Mathematics
Physics

Pre-Business & Pre-Law

Accounting
Economics
Literature in English
History
Law
Mathematics
Psychology

A-LEVEL PROGRAMME STRUCTURE

STRUCTURE

The Cambridge A-Level curriculum provides a bedrock of foundational knowledge and comprehensive coverage in the breadth and depth of subjects offered. Students are assessed on their mastery of subject matter, their application of knowledge, understanding of everyday scenarios and their ability to think critically in unfamiliar situations. In the Sciences, a fair part of the assessment involves demonstration of laboratory-based skills.

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ASSESSMENT AND EXAMINATIONS

The A-Level syllabus is divided into AS Level, the first half of the programme, which forms the foundation of A-Level (A2). The A2 Level is the second part of the syllabus and covers more advanced topics. Each level contributes 50% towards the final A-Level grade.

The examination papers for both the AS and A2 Levels are set and marked by examiners from Cambridge International Examinations.

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OUR GRADUATES



Harvard College,
USA
Mathematics
**Jarell Cheong
Tze Wen**



University of
Cambridge, UK
Law
Natalie Tan Wen Hui



University of Oxford,
UK
Medicine
Eng Yi Jun

Entry Requirements

Passed SPM, O-Level or equivalent with minimum five (5) credits.

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Intakes

January / August - Standard
September - Extended

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Examinations

June and November



**THE
ONLY**
SYNCHRONOUS
CANADIAN
PRE-UNIVERSITY
PROGRAMME IN
MALAYSIA

233
GLOBAL
UNIVERSITIES HAVE
ADMITTED OVER
10,000
CIMP GRADUATES

Ontario (Canada)
Education system is ranked

No.1
among all traditional
English-speaking countries
throughout the world in terms
of students performance
in Math, Science & Literacy.

CANADIAN INTERNATIONAL MATRICULATION PROGRAMME (CIMP)



CIMP is the Canadian Year 12 School curriculum delivered according to the requirements of the Ontario (Canada) Ministry of Education.

- Current faculty has over 370 years of teaching experience and have taught in 29 countries in addition to Malaysia
- Students graduate with the internationally recognised Ontario Secondary School Diploma, with the necessary academic and interpersonal skills to compete successfully in the global world
- CIMP focusses on:
 - High level of communication with students and parents regarding attendance & academic progress (letters of early communication, attendance reports, two report cards each semester, email communication, webpage & social media, consulting & curriculum progress on digital classroom)
 - Extracurricular activities including Student Council, Model United Nations, People to People International, Varsity Athletics in the International School Athletic Conference, various clubs and societies; poetry, fitness, Math & English help, coding, entrepreneurship, sports
 - Student recognition: Community service awards, extracurricular activities awards, student of the month, subject achievement awards
 - Character education: Virtues of the month: Acceptance, Responsibility, Loyalty, Creativity, Optimism, Citizenship, Diligence, Ambition, Aspiration, Gratitude

CIMP PROGRAMME OVERVIEW

You're suitable for CIMP if you:

- ▶ Prefer emphasis on continuous assessment and formative feedback, rather than final external examination
- ▶ Learn best through a variety of assessment techniques to develop communication, collaboration and critical thinking skills
- ▶ Value contributing to society through volunteering to foster character development and citizenship
- ▶ Wish to be engaged in the educational community by participating in extra-curricular activities and exploring individual interests and creative skills

CHOICE OF SUBJECTS

Students are required to choose **six (6) subjects** from the list below that best suit the entry requirements for their university studies.

English

ENG4C	English for College
ENG4U	English for University
EWC4U	The Writer's Craft
OLC4O	Ontario Secondary School Literacy Course

Business Studies

BAT4M	Financial Accounting Principles
BBB4M	International Business Fundamentals
BOH4M	Business Leadership: Management Fundamentals

Computer Studies

TGJ4M	Communications Technology
ICS4U	Computer Science

Performing Arts

ADA4M	Drama
AMU4M	Music

Social Sciences

CGW4U	World Issues: A Geographic Analysis
CHY4U	World History since the Fifteenth Century
CIA4U	Analysing Current Economic Issues
HHS4U	Families in Canada
HSB4U	Challenge and Change in Society
PSK4U	Introductory Kinesiology

Sciences

SBI4U	Biology
SCH4U	Chemistry
SPH4U	Physics

Mathematics

MDM4U	Mathematics of Data Management
MHF4U	Advanced Functions
MCV4U	Calculus and Vectors

CIMP PROGRAMME STRUCTURE

STRUCTURE

All students must successfully complete the following to graduate with the Ontario Secondary School Diploma (OSSD):

- Six (6) pre-university courses including ENG4U or ENG4C.
- An external literacy test (OSSLT) administered with the Ontario Ministry of Education.
- Ten (10) hours of approved Community Service.

Students should select subjects that best suit the entry requirements for their university studies.

ASSESSMENT AND EXAMINATIONS

Assessment is based on continuous evaluation.

- 70% is formative assessment (tests, assignments, daily work, etc.)
- 30% is final exam and / or culminating activity

Parents / Guardians will receive two formal report cards of their child's performance, sent out each semester. Students will receive an Ontario Student Transcript (OST) disclosing full information on all subjects taken.

OUR GRADUATES



**University of California,
Los Angeles, USA**
Mathematics,
Economics & Statistics
Wah Jee Keat



**University of Toronto
(Rotman Commerce),
Canada**
Accounting & Economics,
Bachelor of Commerce
Chelsea Tho



Tufts University, USA
Computer Science
Kerwin Teh Ker Wei

Entry Requirements

Passed SPM, O-Level or equivalent with minimum five (5) credits.

Intakes

January

July

September

Duration

▶ 12 months (2 semesters)

▶ 12 months (2 semesters)

▶ 9 months (2 semesters)
- accelerated

Examinations

June and December

The Ontario Secondary School Diploma is a world-recognised pre-university qualification that is offered in many countries outside of Canada. The programme is approved and annually inspected by the Ontario Ministry of Education to maintain high academic integrity.



1919

**STUDENTS
GRADUATED WITH
DISTINCTION
AND ABOVE**

Based on 2020 & 2021 results

505

GRADUATES

**AWARDED THE MONASH
HIGH ACHIEVER
SCHOLARSHIP
(SCORE OF 89% & ABOVE)**

Based on 2020 & 2021 results

**OVER
15,000**

**STUDENTS
HAVE CHOSEN**

MUFY

**AS A PATHWAY
TO UNIVERSITY**

MONASH UNIVERSITY FOUNDATION YEAR (MUFY)



The academic bridge for students to transition successfully into undergraduate studies at Monash University and other universities.

- Sunway College is the only provider of the MUFY Programme in Malaysia
- Recognised by all Australian universities, selected New Zealand and UK universities, branch campuses of overseas universities in Malaysia and other local private universities
- Non-discipline specific foundation programme that prepares students for all university courses
- Flexible mode of study through modular delivery
- Coursework-focused curriculum develops vital skills for success in university
- Many MUFY graduates are awarded scholarships to pursue undergraduate studies

MUFY PROGRAMME OVERVIEW

You're suitable for MUFY if you:

- ▶ Have Monash University on your radar
- ▶ Are considering other Australian, New Zealand, UK or private universities in Malaysia
- ▶ Are interested in a non-discipline specific foundation programme that prepares students for a broad range of university courses

CHOICE OF SUBJECTS

Language

MUF0011	English Unit 1 (Compulsory)
MUF0012	English Unit 2 (Compulsory)

Business

MUF0021	Accounting Unit 1
MUF0022	Accounting Unit 2
MUF0061	Economics Unit 1
MUF0062	Economics Unit 2

Computer Science

MUF0051	Information and Communication Technology Unit 1
MUF0052	Information and Communication Technology Unit 2

Mathematics

MUF0141	Fundamental Mathematics Unit 1
MUF0142	Fundamental Mathematics Unit 2
MUF0091	Mathematics Unit 1
MUF0092	Mathematics Unit 2
MUF0101	Advanced Mathematics Unit 1
MUF0102	Advanced Mathematics Unit 2

Sciences

MUF0031	Biology Unit 1
MUF0032	Biology Unit 2
MUF0041	Chemistry Unit 1
MUF0042	Chemistry Unit 2
MUF0121	Physics Unit 1
MUF0122	Physics Unit 2

Social Sciences

MUF0131	Global Studies Unit 1
MUF0132	Global Studies Unit 2
MUF0151	Contemporary Issues Unit 1
MUF0152	Contemporary Issues Unit 2

SUCCESSFUL COMPLETION OF THE PROGRAMME

A student must pass a minimum of eight different units to complete MUFY successfully. At least six of the eight units must be derived from three subjects i.e. there must be at least three complete subjects. One of the three complete subjects must be English. The remaining two units can be derived from either the same subject or from different subjects.

* The Programme reserves the right not to offer a unit if less than 10 students enrol for the unit.

The MUFY programme is offered on a modular or semester basis. Each subject is divided into two units i.e. Unit 1 and Unit 2. In total, the programme offers twelve subjects in twenty-four units.

MUFY PROGRAMME STRUCTURE

STRUCTURE & MODE OF LEARNING

MUFY is a two semester programme which is available across 3 standard intakes - January, July, August.

Students study 4 units in semester 1 and another 4 in semester 2.

MUFY is delivered in a learning format which combines face-to-face instruction with self-directed learning delivered on an e-learning platform. To cope with this learning approach, students are required to bring their own laptops with a built-in front-facing camera and microphone.

ASSESSMENTS AND EXAMINATIONS

Students are assessed through a mix of coursework (e.g. assignments, class tests, research projects, presentations) and final examinations. Coursework constitutes 70% of the total score while the remaining 30% is based on final examinations. For Contemporary Issues Unit 1 and Unit 2, and Global Studies Unit 1 coursework makes up 100% of the total score.

The MUFY programme scoring scale is determined as follows:

GRADE SCORE	(%)	GRADE SCORE	(%)
HD (High Distinction)	80 - 100	P (Pass)	50 - 59
D (Distinction)	70 - 79	N (Fail)	0 - 49
C (Credit)	60 - 69		

CALCULATION OF THE MUFY SCORE

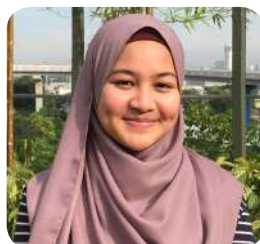
To arrive at the MUFY score, the passed marks obtained from all eight units are added up and then divided by eight. Bonus marks are awarded to students who complete nine or ten units in two semesters.

*For more information on the MUFY programme, kindly refer to the MUFY Student Guide 2023: <https://college.sunway.edu.my/programmes/pre-u/mufy/resources>

OUR GRADUATES



Monash University
Bachelor of Medical Science
and Doctor of Medicine
Matteus Lim Zhen Chien



Monash University
Bachelor of Electrical
and Computer Systems
Engineering
Alia Gamelia



Monash University
Bachelor of Business and
Commerce
Rajiv Martin

Entry Requirements

Academic Requirement:

Passed SPM, O-Level or equivalent with minimum five (5) credits.

English Language Requirement:

- Minimum credit in SPM English or O-Level English as a Second Language or
- Minimum grade D in O-Level English as a First Language or English Literature or
- IELTS - Minimum overall score of 5.5 and Writing not less than 5.5 with no band less than 5.0 or equivalent.

Age Requirement:

Minimum age is 16 years

Citizenship Requirement:

Refer to MUFY Student Guide 2023 for more information

Duration ▶ 11 - 12 months

Intakes

January
July
August

Examinations

▶ May, October
▶ October, May
▶ December, May

Sunway College's MUFY programme assures students' successful progression into degree programmes at Monash University upon meeting Monash's requirements.

There is a good record of successful placements into other Australian, New Zealand, UK and private universities in Malaysia.



OF THE SUNWAY
UNIVERSITY
STUDENTS
AWARDED FIRST
CLASS HONOURS
IN 2021,

50 %
ARE FIA & FIST ALUMNI

MORE THAN

80 %

GRADUATES
QUALIFIED FOR
JEFFREY CHEAH
CONTINUING
SCHOLARSHIP

SUNWAY FOUNDATION PROGRAMME (FIA & FIST)



FOUNDATION IN ARTS (FIA)

FIA creates an academic pathway for students to transition smoothly into tertiary level studies at Sunway University or to selected local and overseas universities.

- Enables students to set personal and academic goals and to identify their individual talents
- Develops social responsibility through community involvement and participation in extracurricular activities
- Equips students with technical and soft skills necessary to be resourceful and successful in higher studies and enterprising in their careers
- Assessment: 50% coursework and 50% examination
- Support and guidance to students on academic and personal matters by dedicated lecturers

FOUNDATION IN SCIENCE AND TECHNOLOGY (FIST)

FIST charts a learning strategy to prepare students to move into tertiary fields of study in science in their areas of interest.

- The programme is designed to ensure that students are able to set personal achievement targets
- Compulsory subjects of English for Science and Academic Writing Skills prepare students for language used in higher level scientific literature and academic rigor of undergraduate courses. The programme inculcates a sound understanding of ICT application skills and statistics
- The programme encourages enrichment in general knowledge, critical thinking skills and Professional Development
- Students explore through interactive discourses in units of Critical Thinking, Science and Ethics, Scientific Revolutions, Introduction to Psychology and Professional Development
- All aspects of learning in FIST are current with practical situations and experience that will ensure understanding of concepts and theories

FIA PROGRAMME OVERVIEW

You're suitable for FIA if you:

- ▶ Prefer a direct pathway to Sunway University Degree Programmes
- ▶ Perform better through 50% coursework and 50% examination
- ▶ Want to develop strong foundation in a chosen field of study
- ▶ Are active and like working in teams
- ▶ Enjoy academic rigor and student-driven activities

CHOICE OF UNITS

A student is required to pass 50 credit hours which is equivalent to thirteen (13) units in order to complete FIA successfully. This is inclusive of six (6) Core units, three (3) Enrichment units and four (4) Academic elective units which are **COMPULSORY**. **Core and Enrichment Units for every semester are fixed by the programme. Academic electives for every semesters are subject to change. Students will be advised during subject registration.**

SEMESTER 1 (5 UNITS)

CORE UNITS

- Language and Communication
- Contemporary Business Mathematics

ENRICHMENT UNITS

- Critical Thinking Skills **OR**
- Culture: Arts and Expressions

ACADEMIC ELECTIVES (CHOOSE 2 UNITS)

- Introduction to Accounting Techniques
- Microeconomics: Concepts and Models
- Introduction to Business: Management and Marketing
- Introduction to Mass Communication
- Introduction to Computer Science
- Mathematics for Actuarial Studies

SEMESTER 2 (4 UNITS)

CORE UNITS

- Communication: Audience and Context
- Mathematical Techniques and Analysis

ENRICHMENT UNITS

- Critical Thinking Skills **OR**
- Culture: Arts and Expressions

ACADEMIC ELECTIVE (CHOOSE 1 UNIT)

- Accounting Processes and Reports
- Macroeconomics: The Global View
- Introduction to Advertising
- Introduction to Programming

SEMESTER 3 (4 UNITS)

CORE UNITS

- Language and Knowledge
- Statistical Techniques **OR**
- Contemporary Creative Expression: Film as Art**

ENRICHMENT UNIT

- Introduction to Psychology

ACADEMIC ELECTIVE (CHOOSE 1 UNIT)

- Calculus*
- Introduction to Business: World of Finance
- Macroeconomics: The Global View
- Introduction to Public Relations
- Introduction to Travel & Cuisine
- Social Media in the New IT World

* Note: Please consult programme advisors for selection of this unit.

** Note: Please consult programme advisors for selection of this unit as an option to Statistical Techniques.

FIA PROGRAMME STRUCTURE

STRUCTURE

- 3 semesters of 14-week duration each
- 6 Core and 3 Enrichment Units are COMPULSORY
- 4 Academic Electives are COMPULSORY

ASSESSMENT AND EXAMINATIONS

Students are evaluated through 50% coursework (quizzes, projects, topic reviews, investigations, assignments and presentations) and 50% examination at the end of each unit. The completion certificate awarded will show a combined CGPA and grade.

CGPA calculation is based on all units attempted.*

*Please refer to the FIA Student Guide 2023 for grading system.

MODE OF LEARNING

Teaching and learning is conducted using a combination of face-to-face instruction, e-learning tools and online platforms. This mode of delivery enhances students' academic skills as well as digital, communication and interpersonal skills. As such, **students are required to have their own laptops with a built-in front-facing camera and microphone.**

OUR GRADUATES



Sunway University
Bachelor of Arts
(Honours) Digital
Film Production
**Omar Yasser Abdu
Elsayed Ahmed
Bassiouny**



Sunway University
BSc (Hons) in
Accounting and Finance
Chang Jen Wei



Sunway University
BSc (Hons) Psychology
Lai Hoong Wai

Entry Requirements

Passed SPM, O-Level
or equivalent with
minimum five (5)
credits.

Duration

1 year

Intakes

February 2023
April 2023
August 2023

Completion

▶ January 2024
▶ April 2024
▶ August 2024

**Sunway College's FIA
is a direct pathway to
Sunway University Degree
Programmes (mostly
validated by Lancaster
Universities or accredited
by Le Cordon Bleu). You
can pursue degrees in
Accounting & Finance,
Business Management,
Psychology, Information
Technology, Computer
Science, Actuarial Studies
and many more upon
meeting requirements of
the programmes.**

FIST PROGRAMME OVERVIEW

You're suitable for FIST if you:

- ▶ Have a love for the sciences and the environment around you
- ▶ Have an inquiring mind and desire to pursue science related fields in university
- ▶ Have Year 11 or equivalent qualifications in the last two years of school either in pure science or biological science

CHOICE OF UNITS

A student is required to pass 50 credit hours which is equivalent to thirteen (13) units in order to complete FIST successfully. This is inclusive of four (4) Core units, three (3) Enrichment units and six (6) Academic elective units which are COMPULSORY. **Core and Enrichment Units for every semester are fixed by the programme. Academic electives for every semesters are subject to change. Students will be advised during subject registration.**

SEMESTER 1 (5 UNITS)

CORE UNITS

- Statistics for Scientists
- ICT Application Skills

ENRICHMENT UNIT

- Critical Thinking Skills

ACADEMIC ELECTIVES (CHOOSE 2 UNITS)

- Basic Computer Concept
- Introduction to Biology (Lab)
- Basic Chemistry (Lab)
- Principles of Mechanical Science (Lab)

SEMESTER 2 (4 UNITS)

CORE UNIT

- English Language for Scientists

ENRICHMENT UNIT

- Scientific Revolutions

ACADEMIC ELECTIVES (CHOOSE 2 UNITS)

- Mathematics for Scientists*
- Principles of Chemistry (Lab)**
- Principles of Electrical Science (Lab)**
- Introduction to Programming

SEMESTER 3 (4 UNITS)

CORE UNIT

- Academic Writing

ENRICHMENT UNIT

- Science and Ethics

ACADEMIC ELECTIVES (CHOOSE 2 UNITS)

- Technical Mathematics
- Principles of Cell Biology (Lab)**
- Introduction to Renewable Energy
- Introduction to Food Science (Lab)
- Introduction to Psychology

* This subject is highly recommended for all stream of studies.

** Note: Completion of prerequisite is needed before pursuing this subject. Please consult programme advisors.

FIST PROGRAMME STRUCTURE

STRUCTURE

- 3 semesters of 14-week duration each
- 4 Core and 3 Enrichment Units are COMPULSORY
- 6 Academic Electives are COMPULSORY

ASSESSMENT AND EXAMINATIONS

Students are evaluated through 50% coursework (quizzes, projects, topic reviews, investigations, assignments and presentations) and 50% examination at the end of each unit. The completion certificate awarded will show a combined CGPA and grade.

CGPA calculation is based on all units attempted.*

*Please refer to the FIST Student Guide 2023 for grading system.

MODE OF LEARNING

Teaching and learning is conducted using a combination of face-to-face instruction, e-learning tools and online platforms. This mode of delivery enhances students' academic skills as well as digital, communication and interpersonal skills. As such, **students are required to have their own laptops with a built-in front-facing camera and microphone.**

OUR GRADUATES



Sunway University
BSc (Hons) Medical
Biotechnology
**Cathyrina
Ong Shin Shin**



Sunway University
BSc (Hons) in Computer
Science
**Shahyza Dalya binti
Md. Shah**



Sunway University
BSc (Hons) Psychology
Mah Pei Nee

Entry Requirements

Passed SPM, O-Level
or equivalent with
minimum five (5)
credits including
Mathematics and two
(2) Science subjects

Duration

1 year

Intakes

February 2023
April 2023
August 2023

Completion

▶ January 2024
▶ April 2024
▶ August 2024

You can pursue
degrees in General
Sciences, Engineering,
Computer Science,
Information
Technology and all
areas of Life Sciences:
Medicine, Dentistry,
Nutrition, Dietetics,
Genetics, Biological
Sciences upon meeting
requirements of
specific universities.



AUSMAT I-Care Run



The Ausmazing Race



A-Level Sport Leadership & Teambuilding at Cambridge

BEYOND THE CLASSROOM

MUFY Talent Quest



MUFY Champs at Monash Arts Competition





A-Level Math & Logic Challenge: National Challenge



CIMP Welcome Bowling Day

Our students don't only hit the books all day; they also get involved in all things fun. Our programmes nurture students through academic methods complemented with learning beyond the classroom. Participation in student activities, clubs and societies, field trips and educational workshops, mould our students into effective leaders and communicators.

CIMP Mah Meri Cultural Village Visit



FIA Sport Carnival



FIST Science Exhibition



INTERNATIONAL PLACEMENT OPPORTUNITIES



PATHWAYS TO TOP UNIVERSITIES WORLDWIDE

International Office University Placement (IOUP) offers advice and assistance to Sunway students on application to universities in Australia, UK, USA, Canada, New Zealand and other countries. Our students have progressed to top universities worldwide.

WHERE SOME OF OUR GRADUATES HAVE GONE:

AUSTRALIA

Australian National University

Rahool Kritik Rohan,
Former student of Sekolah Sri KDU,
Selangor

University of Melbourne

Too Yuzhi,
Former student of SMJK Chung Ling,
Penang

Chin Siew May,
Former student of Sekolah Sri Cempaka,
KL

University of Sydney

Tan Li Lynn,
Former student of SMK Bandar Utama
Damansara (4), Selangor

CANADA

University of Alberta

Ooi Khel Shin,
Former student of SMK Pendang, Kedah

University of British Columbia

Chua Alexander Ye-Jiat,
Former student of Sekolah Sri Tenby,
Selangor

University of Toronto

Jeevaa Velayutham,
Former student of SMK Sultan Badlishah,
Kedah

Sim Yu Szu,
Former student of SMK Perlis, Kangar,
Perlis

Jason Nicholas Davison,
Former student of SMK Zon R1 Wangsa
Maju, KL

University of Waterloo

Joy Christal Ng Seet Wan,
Former student of SMK Bandar Utama
Damansara (2), Selangor

McMaster University

Prabhjeet Kaur,
Former student of Dasmesh International
School, KL

University of Victoria

Yoghini Kandasamy,
Former student of Dasmesh International
School, KL

GERMANY

TU Braunschweig

Raja Muhammad Najib Bin Raja Nahar
Former student of SMK Bukit Bandaraya,
KL

TU Munchen

Voon Hian Zing
Former student of SMK Batu Lintang,
Sarawak

RWTH AACHEN

Chirag Malani
Former student of SMK (L) Methodist, KL

HONG KONG

University of Hong Kong

Chin Shih Kean,
Former student of SMK USJ 12, Selangor

IRELAND

University College Dublin

Siti Nurliyana Binti Mohd Lukhman,
Former student of SMK Tun Fatimah,
Johor

JAPAN

Nagoya University

Pang Tho Qin,
Former student of SMK USJ 4, Subang
Jaya, Selangor

KOREA

Seoul National University

Gan Rachel,
Former student of SMK Tengku Ampuan
Rahimah, Klang, Selangor

MALAYSIA

Sunway University

Ong Shang Kheng,
Former student of SMK St. George, Perak

Monash University

Teh Jun Ze,
Former student of SMK Jit Sin, Penang

NEW ZEALAND

University of Auckland

Stephen Choong,
Former student of SMK Seri Saujana, KL

Tan Aik Zen,
Former student of SMK Taman Desa, KL

QATAR

Weill Cornell Medical College

Aulia Ahmad,
Former student of Sunway International
School, KL

RUSSIA

Russian State Medical University

Charmaine Leong,
Former student of Tile Hill Wood School
and Language College, Coventry, UK

SINGAPORE

National University of Singapore

Fong Sook Yin,
Former student of SMK Taman Sea,
Selangor

Nanyang Technological University

Michelle Soong,
Former student of SMK Tunku Abdul
Rahman Putra, Johor

UNITED KINGDOM

Imperial College London

Cherlyn Tong Ka Lyn,
Former student of Sekolah Sri Bestari, KL

King's College London

Chew Yi Hsien,
Former student of SMK Taman Sea,
Selangor

London School of Economics

Muhammad Shafeeq Bin Abdul Reezal,
Former student of Asia Pacific Smart
School, Selangor

University of Cambridge

Long Yu Xuan,
Former student of Sekolah Seri Sekolah
Sri KDU, Selangor

University of Edinburgh

Tan Yin Qin,
Former student of SMK Bandar Utama
Damansara (3), Selangor

University College London

Ida Thien,
Former student of SMK Green Road,
Kuching

Harvard College

Jarell Cheong Tze Wen,
Former student of SMK Seri Bintang
Utara

University of Oxford

Devaassenan Mahenthiran,
Former student of Sunway International
School, KL

Oh Yue Jin,
Former student of SMK Penang Free,
Penang

University of Warwick

Jocelyn Ho Khai Enn,
Former student of Sekolah Sri KDU,
Selangor

UNITED STATES OF AMERICA

Massachusetts Institute of Technology

Oh Ceyin,
Former student of Chong Hwa
Independent High School, KL

University of Pennsylvania

Nur Dayana Mohamed,
Former student of SMK Bukit Jelutong,
Selangor

SCHOLARSHIPS & FINANCIAL AID

The Jeffrey Cheah Foundation (JCF) is founded on the fundamental premise of giving to society. In line with the spirit of the Foundation, good education at the highest level should not be denied to those deserving, and for those from disadvantaged backgrounds. JCF scholarships create opportunity for all deserving students to succeed in life. JCF safeguards its institutions for the purpose of providing and sustaining quality education for present and future generations of students.

JEFFREY CHEAH ENTRANCE SCHOLARSHIP

This Scholarship is offered to all students in recognition of their excellent academic achievements prior to admission into Pre-University Studies in Sunway College. Partial and full scholarships are disbursed according to students' academic results in SPM / O-Level.

JEFFREY CHEAH ACE SCHOLARSHIP

This Scholarship is offered to all Sunway College Pre-University and Foundation Studies students progressing into undergraduate programmes at Sunway University and Victoria University's Bachelor of Business.

TALENT SCHOLARSHIP (SPORTS)

Awarded to students who are actively involved in sports at the state & national level.

Kindly refer to our Scholarship Brochure for more details or log on to sunway.edu.my/scholarships for the full list of scholarships available. To obtain further details, do visit the Admissions Office located at the Ground Floor of Sunway College.

DEVELOP YOUR FULL POTENTIAL

PRE-U LEADS

Sunway Pre-U prepares students holistically to be LEADERS today and tomorrow. Sunway Pre-U LEADS offers fully / partially subsidised co-curricular programmes to equip students with crucial skills and develop them beyond their academic achievements. The focus of the programmes include Digital Literacy, Youth Leadership, Financial Literacy, and Environmental Sustainability and Stewardship.*

EXPLORE

EXPLORE is a self-development programme designed by the Sunway Career Services of Student LIFE for Pre-University students to prepare them for college life and beyond.

Activities organised by EXPLORE include on-campus seminars, talks, workshops, career exploration fairs, career interest tests, exploration trips to companies from various industries and more.

For more information, visit our social media platforms- Facebook, Instagram and LinkedIn @sunwaycareersevicees.

*Subject to availability. Please consult programme advisors for programmes' schedule.



STATE-OF-THE-ART FACILITIES

TUN HUSSEIN ONN SUNWAY LIBRARY

The ISO 9001:2015 certified Library is one of the largest libraries for private educational institutions in Malaysia. Equipped with the latest library technology, Sunway Campus Library is linked worldwide, providing easy access to international e-databases and thousands of e-journals.



Its spacious 72,000 square feet of floor space provides a variety of learning spaces including Individual and Collaborative, Learning Spaces, Viewing Zone (Video Content), Group Project Pods (Projects and Meetings), Training Rooms, Instructional Lab, Drink and Phone Area and Information Technology Facilities. Users may study in the Extended Hour Study Area until 2.00 am every day.

Our library is ever growing with a huge variety of books, e-journals, online e-databases, audiovisual and other collections to support the teaching, learning and research efforts of the academic community at Sunway College KL.

Learn more about the Tun Hussein Onn Sunway Library at library.sunway.edu.my.



Tun Hussein Onn
Sunway Library



QUICK FACTS

- State-of-the-art library, with latest technologies, including; Facial Recognition (FR) technology, RFID and the SirsiDynix integrated library system
- A Discovery Service (SearchAll) to search across the catalogue, library e-resources and Internet resources at one go
- Excellent collection comprising over 152,250 print books, 272,548 e-books, 127 e-databases, 71,588 e-journals, and 8,951 audiovisual materials
- 1,244 seats
- Wi-Fi access, plus 115 wired computers
- Research support for staff and students, including Help Desk Service, Orientation Briefings, Information Skills Workshops for Pre-U students, 1st year, 2nd year & final year undergraduates, Research Skills Workshops for Postgraduates, Individual Consultation Service for PGRs, Exploring Library Resources for Teaching for academic staff, Video Tutorials and Guides for self-learning.
- Document Delivery Service and Suggest a Book to Purchase for staff and students
- Assistance in academic writing through the Academic Language Learning Service
- Online access to the Library's e-resources using PCs and mobile devices from anywhere using the Open Athens authentication system
- Over RM2.8 million spent for library materials annually
- 33 library staff, with 19 professional librarians
- Access to e-resources from Victoria University for students following VU programmes

SCIENCE LABORATORIES

For students taking science subjects, they have access to equipments and materials at the laboratories specially designated for Biology, Chemistry and Physics practicals.



Science
Laboratory

CAMPUS LIFE

EAT. PLAY. MOVE.

Eat and chill out at the spacious on-campus cafeteria, nearby off-campus restaurants and food centre, or at the endless variety available at Sunway Pyramid mall — only a Canopy Walk away.

RESIDE ON CAMPUS

Plus points — no traffic jam, convenient to get to classes, opportunity to meet new friends. Three types of on-campus accommodation are available: Sun-U Apartment, Sun-U Residence and Sunway Waterfront Residence.

Sunway College offers various types of excellent on-campus accommodation, with priority given to outstation and international students. All hostel units are a mere walk from everything a student would want or need.

#CampusWithAConscience

#CampusWithAConscience is an underlying principle that embraces everything you will experience during your time at Sunway Education Group. This is the fundamental spirit at the heart of Sunway Campus Life as we educate, encourage, and engage all aspects of our diverse community to adopt a lifestyle and lifestyle habits that truly reflect a society determined to create a better living environment for this generation and generations to come.

This # campaign aims to encourage conscientious efforts of the Sunway campus community in areas such as:

- The United Nations Sustainable Development Goals
- Acceptance and tolerance towards each community member of the campus and the wider national and global community;
- Inclusiveness of all and unity with all;
- Well-being, both physical and mental;
- Doing things right for society.

Join our journey as we seek to create a better environment for all, starting with you.



SAFETY & SECURITY

The campus values security and have therefore set up a 24-hour Security and Auxiliary Police & Security personnel who are accorded full-fledged auxiliary police status.

Whenever a student feels under the weather, they can make their way to the sick bay. Endearingly known as Nightingale Bay, it is located at the Ground Floor of South Building West, Sunway College where a matronly Registered Nurse is on duty and well-equipped to handle minor ailments.



#MostHappeningCampus

#MostHappeningCampus is a vibrant concept to promote a positive sense of inclusiveness whilst also generating a genuine feeling of community spirit. This # campaign has been successful in developing positive energy, togetherness and working as a team towards a common goal. It encompasses all the energy of Sunway life and supports student activities that happen on our campus.

May it be iconic events hosted on campus, unique student activities, academic presentations, or even visits by global personalities that inspire us, #MostHappeningCampus expresses our feeling of positive energy and encourages all our community to work together and develop personal attributes and qualities that will support their academic achievements at Sunway.

The most happening part of our campus is YOU.





Sunway Education Group 30th Anniversary Celebration



Sunway hosts United Nations Sustainable Development Goals event - Join Hands & Make the Pledge



Residences

SUNWAY CITY, INTEGRATION AT ITS FINEST

Sunway Lagoon Hotel

Sunway Hotel Pyramid

Sunway Pyramid

Sunway Lagoon

Sunway City is home to world-class retail, hospitality, leisure and healthcare amenities, offering a safe lifestyle with high-technology surveillance cameras, auxiliary police and security guards.

Everything is within walking distance connected by pedestrian-friendly tracks, allowing students to fully immerse in an all-encompassing campus township lifestyle. Sunway City is also connected to the city by an efficient network of public transportation.

Proposed Iconic Sunway Tower

SUNWAY

Sunway Resort Hotel

The Pinnacle

- Menara Sunway
- Jeffrey Cheah Foundation
- Sunway Innovation Labs (iLabs)

Sunway Medical Centre

SUNWAY COLLEGE DK265-01 (W)

Owned and governed by the

Jeffrey Cheah Foundation Registration no: 200701042913 (800946-T)

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 [SunwayCollegeKL](https://www.facebook.com/SunwayCollegeKL)

 [@SunwayC](https://twitter.com/SunwayC)

 onlineapplication.sunway.edu.my

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Foundation 

Nurturing the Seeds of Wisdom

This brochure is valid for our 2023 intakes.

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