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

A unique aspect of the Sunway Pre-University Studies experience is the mentoring and guidance students receive from experienced and nurturing lecturers.
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 builds confidence and success.

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’s high degree of pastoral care and academic guidance.

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

ENRICHING LEARNING EXPERIENCES
Students thrive in an environment that stimulates their preparation for university or tertiary studies, developing academically and personally through extracurricular activities, sports, student councils, clubs / societies and lectures by distinguished professors 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 supported by state-of-the-art technology.

EXPERIENCED & DEDICATED LECTURERS
Lecturers are committed to teaching and learning and offer 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 advisers assist students with information and advice on career choices and university applications, placing students in the university of their choice. Sunway Pre-University students have successfully progressed into prominent 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.
SUNWAY AUSMAT STUDENTS ACHIEVED **ATAR** 90 AND ABOVE

**ATAR**: Australian Tertiary Admission Rank

SUNWAY AUSMAT STUDENTS ACHIEVED **ATAR** 80 AND ABOVE

**ATAR**: Australian Tertiary Admission Rank

STUDENTS QUALIFIED FOR UNIVERSITY EDUCATION WORLDWIDE

99%

AUSTRALIAN MATRICULATION (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.

— Year 12 Curriculum of Western Australia

— Prepares students for the Western Australian Certificate of Education (WACE)

— Global recognition and widely accepted by universities in Australia, New Zealand, UK, USA, Canada, Russia, Germany, Singapore and private universities and university colleges in Malaysia

— Focuses on individual’s holistic development through student-centred teaching and continuous assessments

— Flexible combination of diverse subjects: Science, Mathematics, Psychology, Business Management, etc.

— Assessment: 50% School-Based, 50% External Examination

Based on 2014 results
AUSMAT PROGRAMME OUTLINE

You’re suitable for Australian Matriculation (AUSMAT) when you:

» Prefer an Australian education and exposure
» Prefer continuous school assessment and exam-based curriculum
» Want international acceptance/recognition
» Prefer flexible assessment structure
» Flexibility of choosing subjects from different streams like science and humanities

CHOICE OF SUBJECTS

Students are required to take **five subjects** from the list below, including English or English as Additional Language/Dialect. Students will be advised on suitable subject combinations, to best prepare them in making applications to universities according to their choice of studies or specialisations.

Our exciting subject offerings and interesting student-centred teaching approaches will help students select their career paths.

All subjects offered at Sunway are the highest level (ATAR course).

Human Biology
Chemistry
Physics
Psychology
Accounting and Finance
Business Management & Enterprise

Mathematics Applications
Mathematics Methods
Mathematics Specialist
Economics
English (Advanced)
English as Additional Language / Dialect

AUSMAT PROGRAMME STRUCTURE

<table>
<thead>
<tr>
<th>Entry Requirements</th>
<th>Duration</th>
<th>Intakes</th>
<th>Examinations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum five (5) credits in SPM, O-Level or equivalent.</td>
<td>10 months / 8 months / 14 months</td>
<td>January / March / September</td>
<td>First week of November</td>
</tr>
</tbody>
</table>

STRUCTURE

The AUSMAT programme is delivered over two semesters (January and March intake) or three semesters (September intake).

ASSESSMENT AND EXAMINATIONS

The School Curriculum and Standards Authority (SCSA) conducts yearly moderation exercise to validate that the assessment standards applied at Sunway are consistent with that of Western Australian high schools.

It has a balanced assessment approach of 50% school assessment and 50% external examination.

The school assessment component removes the pressure associated with the single end-of-year examination, and provides opportunities to use multiple assessment techniques to help student’s progress — continuous assessments may include topic tests, quizzes, assignments, investigations, research and examinations.

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

CALCULATION OF NUMERICAL SCORE

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

OUR GRADUATES MOVING ON TO TOP UNIVERSITIES

National University of Singapore, Singapore Industrial Design Fong Sook Yin
University of Auckland, New Zealand Biomedical Science Stephen Choo
University of Melbourne, Australia Psychology Amanda Soon

Our lecturers are rated top in ‘excellent teaching and assessment’ by the School Curriculum and Standards Authority of Western Australia’s Annual Examiners’ Reports.
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 on analysis and application of in-depth knowledge and laboratory skills
- Assessment: 100% examination-based
- Mentor-mentee system guiding students through their academic progress and university applications
A-LEVEL PROGRAMME OUTLINE

You’re suitable for A-Level when 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
- Law

Pre-Medicine & Pre-Science

<table>
<thead>
<tr>
<th>Biology</th>
<th>Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>Psychology</td>
</tr>
<tr>
<td>Physics</td>
<td></td>
</tr>
</tbody>
</table>

Pre-Engineering & Pre-Science

<table>
<thead>
<tr>
<th>Chemistry</th>
<th>Further Mathematics*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics</td>
<td>Economics</td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
</tr>
</tbody>
</table>

Pre-Business & Pre-Law

<table>
<thead>
<tr>
<th>Mathematics</th>
<th>Law</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>Psychology</td>
</tr>
<tr>
<td>Economics</td>
<td></td>
</tr>
</tbody>
</table>

Students are advised 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.

A-LEVEL PROGRAMME STRUCTURE

<table>
<thead>
<tr>
<th>Entry Requirements</th>
<th>Duration</th>
<th>Intakes</th>
<th>Examinations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Five (5) credits in SPM, O-Level or equivalent with at least credit in SPM English or its equivalent.</td>
<td>18 months</td>
<td>January</td>
<td>June and November</td>
</tr>
<tr>
<td>18 / 24 months</td>
<td>15 months</td>
<td>July</td>
<td></td>
</tr>
<tr>
<td>15 months</td>
<td>March / August</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

STRUCTURE

The Cambridge A-Level curriculum provides a firm 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 and understanding to everyday scenarios and their ability to think critically in unfamiliar situations. In the Sciences, a fair part of the assessment involves the demonstration of laboratory-based skills.

ASSESSMENT AND EXAMINATIONS

The A-Level syllabi are divided into the AS Level, which is the first half of the programme and forms the foundation of A-Level, and the A2 Level which 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 at both the AS and A2 Levels are set and marked by examiners from Cambridge International Examinations.

OUR GRADUATES MOVING ON TO TOP UNIVERSITIES

- University of Cambridge, UK
  - Medicine
  - Dental bin Muhammad Syafiq Baljit

- London School of Economics, UK
  - Accounting & Finance
  - Cheong Chiew Theng
- University of Oxford, UK
  - Mathematics & Computer Science
  - How Si Yu
Ontario (Canada) Education system is ranked No: 1 among all English Speaking countries throughout the world in terms of students performance in Math, Science & Literary.

One of only 19 overseas schools throughout the world permitted to offer credit towards the prestigious Ontario Secondary School Diploma.

Ontario (Canada) Education system is ranked No: 1 among all English Speaking countries throughout the world in terms of students performance in Math, Science & Literary.

Recent graduates
227
in June 2015
- 101 with straight ‘A’ performance
- 6389 hours of Community Service volunteer hours
- 84% successful on external Literacy Examination

THE ONLY CANADIAN HIGH SCHOOL IN MALAYSIA FROM GRADE 7 - 12

25 YEARS AT SUNWAY COLLEGE
7000+ GRADUATES

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

- Three major pathways (Health Sciences, Engineering and Business)
- Over 80% teachers have a minimum of 2 University degrees and all have teacher training from the Faculty of Education
- Current faculty has over 370 years of teaching experience and have taught in 19 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 parents regarding attendance & academic progress (‘at risk’ letters, attendance reports, 2 report cards each semester, opportunity to email teacher, website/Facebook, consult son/daughter & curriculum progress on E learn/digital portfolio)
  - Student Council, Model United Nations, People for People Club, Varsity athletics in highly competitive International School Athletic Association
  - Student of the month
  - Character education

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  - Student of the month
  - Character education

7000+ GRADUATES

25 YEARS AT SUNWAY COLLEGE
CIMP PROGRAMME OUTLINE

You're suitable for Canadian International Matriculation Programme (CIMP) when you:

» Prefer emphasis on continuous assessment, rather than on final examination
» Enjoy presentations, group discussions and debates
» Value community service
» Like participating in extracurricular activities

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.

<table>
<thead>
<tr>
<th>Computer Studies</th>
<th>Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>TGJ4M Communications Technology</td>
<td>CGW4U Canadian and World Issues: A Geographic Analysis</td>
</tr>
<tr>
<td>Mathematics</td>
<td>CHY4U World History: Since the Fifteenth Century</td>
</tr>
<tr>
<td>MHC4U Advanced Functions</td>
<td>CIA4U Analysing Current Economics Issues (Social Science)</td>
</tr>
<tr>
<td>MDM4U Mathematics of Data Management</td>
<td>HH54U Families in Canada</td>
</tr>
<tr>
<td>Sciences</td>
<td>HS84U Challenge and Change in Society</td>
</tr>
<tr>
<td>SBI4U Biology</td>
<td></td>
</tr>
<tr>
<td>SCH4U Chemistry</td>
<td></td>
</tr>
<tr>
<td>SPH4U Physics</td>
<td></td>
</tr>
<tr>
<td>Health and Physical Education</td>
<td></td>
</tr>
<tr>
<td>PSE4U Exercise Science</td>
<td></td>
</tr>
<tr>
<td>Business</td>
<td></td>
</tr>
<tr>
<td>BAT4M Financial Accounting Principles</td>
<td></td>
</tr>
<tr>
<td>BBB4M International Business Fundamentals</td>
<td></td>
</tr>
<tr>
<td>BOH4M Business Leadership: Management Fundamentals</td>
<td></td>
</tr>
</tbody>
</table>

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

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CIMP PROGRAMME STRUCTURE

Entry Requirements
- Minimum five (5) credits in SPM, O-Level or equivalent.

Duration
- 12 months (2 semesters)

Intakes
- January / March / July / September

Examinations
- June and December

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.

All new students enrolled in CIMP will sit for an English Placement Test (EPT). The result of the EPT will determine their placement in our English programme (ENG4C or ENG4U). Students who do not meet the minimum English literacy requirement will complete one semester in Intensive English Programme (IEP). They will then proceed to study two (2) semesters in CIMP.

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 MOVING ON TO TOP UNIVERSITIES

- Imperial College London, UK
  - Biotechnology
  - Cherlyn Tong Kai Lyn
- Trent University Ontario, Canada
  - Arts (History)
  - Dorothy Cifeng
- Monash University Clayton, Australia
  - Law
  - Amanda Darshini Selvarajah
The academic bridge for students to transition successfully into undergraduate studies at Monash University and other universities.

— Sunway is the only provider of the MUFY Programme in Malaysia
— Non-discipline specific foundation programme that prepares students for all university courses
— MUFY is Monash University’s ‘Year Zero’
— Recognised by all Australian universities, selected NZ and UK universities, branch campuses of overseas universities in Malaysia and other local private universities
— Flexible mode of study through modular delivery
— Many MUFY graduates are awarded scholarships to pursue undergraduate studies

100% MUFY GRADUATES QUALIFIED TO ENTER UNIVERSITY
Based on 2015 results

MONASH UNIVERSITY FOUNDATION YEAR (MUFY)
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 eleven subjects in twenty-two units.

**Choice of Subjects**

### Language
- MUF0011 English 1
- MUF0012 English 2

### Business
- MUF0021 Accounting 1
- MUF0022 Accounting 2
- MUF0061 Economics 1
- MUF0062 Economics 2

### Computer Science
- MUF0051 Information and Computer Technology 1
- MUF0052 Information and Computer Technology 2

### Mathematics
- MUF0101 Advanced Mathematics 1
- MUF0102 Advanced Mathematics 2
- MUF0141 Fundamental Mathematics 1
- MUF0142 Fundamental Mathematics 2
- MUF0091 Mathematics 1
- MUF0092 Mathematics 2

### Sciences
- MUF0031 Biology 1
- MUF0032 Biology 2
- MUF0041 Chemistry 1
- MUF0042 Chemistry 2
- MUF0121 Physics 1
- MUF0122 Physics 2

### Social Sciences
- MUF0131 Globalisation 1
- MUF0132 Globalisation 2

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

**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 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 eleven subjects in twenty-two units.

**Entry Requirements**

- Minimum five (5) credits in SPM or O-Level including a credit in English (or minimum IELTS score of 5.5) or equivalent

**Duration**

- 9-10 months (2 semesters)

**Intakes**

- January / March / July (Standard)
- August (Intensive)

**Examinations**

- June and November

**Structure**

MUFY is a two-semester programme which is available across multiple intakes and offered in two formats:

- Standard 10-month programme, commencing in January, March and July. Students study 4 units in semester 1 and another 4 in semester 2.
- Intensive 9-month programme, commencing in August; this format recommends a higher level of proficiency in the English language, and above average academic results. Students study 3 units in semester 1 and 5 units in semester 2.

**Assessment and Examinations**

Students are assessed through a mix of coursework (assignments, class tests, research projects, presentations) and final examinations. The major component is the final examination, which constitutes 50% - 60% of the total score, depending on the subject.

The MUFY programme scoring scale is determined as follows:

<table>
<thead>
<tr>
<th>GRADE</th>
<th>SCORE (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD (High Distinction)</td>
<td>80 - 100</td>
</tr>
<tr>
<td>D (Distinction)</td>
<td>70 - 79</td>
</tr>
<tr>
<td>C (Credit)</td>
<td>60 - 69</td>
</tr>
<tr>
<td>P (Pass)</td>
<td>50 - 59</td>
</tr>
<tr>
<td>N (Fail)</td>
<td>0 - 49</td>
</tr>
</tbody>
</table>

**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.

Sunway’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.

**Our Graduates Moving on to Top Universities**

- Monash University Malaysia: Business & Commerce
- Monash University Malaysia: Engineering
- Monash University Malaysia: Informatics & Computation
- Monash University Australia: Information & Computation
- Monash University Malaysia: T&J Venture
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 and 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

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 career
— Assessment: 50% coursework and 50% examination
— Support and guidance to students on academic and personal matters by dedicated lecturers

PROGRAMME

FOUNDATION SUNWAY

SUNWAY FOUNDATION PROGRAMME

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— 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

78% FIA GRADUATES QUALIFIED FOR TAN SRI DR. JEFFREY CHEAH CONTINUING SCHOLARSHIP
OF THE 62 SUNWAY UNIVERSITY STUDENTS AWARDED FIRST CLASS HONOURS IN 2015, 22 OF THEM ARE FIA ALUMNI
Based on 2015 results
FIA PROGRAMME OUTLINE

You’re suitable for Sunway Foundation in Arts (FIA) when 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 SUBJECTS

Students are to complete fifteen (15) units of subjects / units offered. They are required to take Mathematics and English as core subjects each semester. They are advised to take at least one elective subject and 1 or 2 enrichment subjects each semester.

CORE UNITS (4 CREDITS)

Mathematics
- Contemporary Business Mathematics
- Mathematical Techniques and Analysis
- Statistical Techniques

English
- Language and Communication
- Communication: Audience and Context
- Language and Knowledge

ACADEMIC ELECTIVES (4 CREDITS)

Introduction to Accounting Techniques
Accounting Processes and Reports
Introduction to Business: World of Business Finance
Microeconomics: Concepts and Models
Macroeconomics: The Global View
Introduction to Business: Management and Marketing
Social Media in the New IT World
Introduction to Programming
Mathematics for Actuarial Studies
Introduction to Mass Communication
Introduction to Advertising
Introduction to Public Relations
Travel and Cuisine

ENRICHMENT SUBJECTS (2 CREDITS)

Culture and Ideas
Culture and Performance
Business Communication
Critical Thinking Skills
Introduction to Psychology

Entry Requirements
Minimum five (5) credits in SPM, O-Level or equivalent.

Duration
1 year

Intakes
January / March / July / September

Examinations
End November, February, July and August

ASSESSMENT AND EXAMINATIONS

Students are evaluated through 50% coursework (quizzes, projects, topic tests, investigations, assignments and presentations) and 50% examination at the end of each subject / unit. The completion certificate awarded will show a combined mark and grade for all subjects.

A minimum of 50 credit hours must be completed. The aggregate will be derived from the calculation of 40 credit hours, calculation of minimum 8 core and academic subjects and minimum 2 enrichment subjects.

STUDENT SUPPORT SYSTEM

The Director of Programme, Deputy Director and Coordinator provide academic guidance and monitor progress. Students will receive a progress report each semester.

STRUCTURE

- 3 semesters of 14-week duration each.
- Core units and Enrichment subjects are compulsory.
- 4 Academic Electives are compulsory.

ENRICHMENT SUBJECTS

Broadens students’ general knowledge; develops their critical thinking skills through understanding of individuals, groups and events influencing the world around them.

OUR GRADUATES MOVING ON TO TOP UNIVERSITIES

Sunway University
Accounting & Finance
Chloe Tee

Sunway University
Communication
Ooi Weng Teik

Sunway University
Psychology
Kaveena Dewy

Sunway FIA is a direct pathway to Sunway University Degree Programmes validated by Lancaster University, or accredited by Le Cordon Bleu. Sunway FIA students can also enter Sunway University Actuarial Science and related degree programme.
FIST PROGRAMME OUTLINE

You’re suitable for Sunway Foundation in Science and Technology (FIST) when 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 SUBJECTS

Students are to complete fifteen (15) units of subjects / units offered. They are required to take all core units and are advised to take 6 Academic Elective subjects and the Enrichment subjects.

CORE UNITS (4 CREDITS)

<table>
<thead>
<tr>
<th>English Language for Scientists</th>
<th>Statistics for Scientists</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Writing Skills</td>
<td>ICT Application Skills</td>
</tr>
</tbody>
</table>

ACADEMIC ELECTIVES (4 CREDITS)

<table>
<thead>
<tr>
<th>Technical Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics for Scientists</td>
</tr>
<tr>
<td>Technical Mathematics</td>
</tr>
<tr>
<td>Life Sciences</td>
</tr>
<tr>
<td>Safety Health and Environment</td>
</tr>
<tr>
<td>Basic Chemistry</td>
</tr>
<tr>
<td>ENRICHMENT SUBJECTS (2 CREDITS)</td>
</tr>
<tr>
<td>Critical Thinking Skills</td>
</tr>
<tr>
<td>Science and Ethics</td>
</tr>
<tr>
<td>Scientific Revolutions</td>
</tr>
</tbody>
</table>

FIST PROGRAMME STRUCTURE

Entry Requirements

Minimum five (5) credits in the Science Stream in SPM or equivalent (A credit is required in the Mathematics subject)

Duration

1 year

Intakes

March / July / September

Examinations

March, July and September

ASSESSMENT AND EXAMINATIONS

Students are evaluated through 50% coursework (quizzes, projects, topic tests, investigations, assignments and presentations) and 50% examination at the end of each subject. The completion certificate awarded will show a combined mark and grade for all subjects.

STUDENT SUPPORT SYSTEM

Teacher Advisors and Counsellors for academic matters and placements, guide and support students’ needs. Students are encouraged to partake in academic and extracurricular activities.

STRUCTURE

• 3 semesters of 14-week duration each.
• Core units and Enrichment subjects are compulsory.
• 6 Academic Electives are compulsory.

ENRICHMENT SUBJECTS

Broadens students’ general knowledge, develops their critical thinking skills through understanding the impact of scientific discoveries on society, environment, and the world around them.

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 on meeting requirements of specific universities.*
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, there are means through scholarships for them to succeed. JCF safeguards its institutions for the purpose of providing and sustaining quality education for present and future generations of students.

**TAN SRI DR. 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. Partial and full scholarships are disbursed according to students’ academic results in SPM / O-Level.

**TAN SRI DR. JEFFREY CHEAH CONTINUING SCHOLARSHIP**
This Scholarship is offered to all Sunway Pre-University and Foundation Studies students progressing into undergraduate programmes at Sunway University, Victoria University’s Bachelor of Business, ACCA and ICAEW professional accounting programmes.

**TALENT SCHOLARSHIP (MUSIC / SPORTS)**
Awarded to students who are actively involved in sports at state / national level or those with relevant music training at an advanced level.

Kindly refer to our Scholarship Brochure for more details or seek further information from our Admissions and Counselling Unit located on the Ground Floor of Sunway College.

*For the most current information, kindly log on to [www.sunway.edu.my/college/scholarships](http://www.sunway.edu.my/college/scholarships)*

EXPLORE is a self-development programme for pre-university students designed by PRePARE Career Services of the Student Services Department at Sunway. It is tailored specifically for pre-university students, and prepares them for college life and beyond.

**CONNECT**
with people from prestigious universities like Harvard, Cambridge, Oxford, Princeton, MIT and more, through forums with alumni and university representatives.

**DEVELOP**
valuable skills through exciting training in speed-reading, CV writing, presentation skills, interview skills and more.

**SHADOW**
real people with real experience; Job Shadow Day gives you the opportunity to explore well-known companies where you are assigned mentors whom you ‘shadow’ for a day, getting to know first-hand the ins and outs of a day in their lives.

**LEARN**
about your potential through guidance and assessment to keep you on the right track to your dream career.
STATE-OF-THE-ART FACILITIES

SUNWAY CAMPUS LIBRARY

The ISO 9001:2008 certified Library is one of the largest libraries for private educational institutions in Malaysia. Equipped with technology for the 21st century, our library is linked worldwide, providing easy access to international 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, Viewing Zone, Group Project Pods, Training Rooms, Conference Room, Instructional Lab, Drink and Phone Area, and IT facilities. Users may study in the Extended Hour Study Area after the Library closes.

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

LIBRARY QUICK FACTS

- State-of-the-art library, with latest technology, including RFID and the SirsiDynix integrated library system
- A Discovery Service (THOLISearch) to search across the catalogue, e-resources and Internet resources at one go
- Excellent collection comprising over 138,000 books, 118 e-databases, 58,000 e-journals, 122,000 e-books, and 8,000 audiovisual materials
- Over 1,100 seats
- Wi-fi access, plus 115 wired computers
- Research support for staff and students, including information skills workshops, Help Desk and orientation sessions
- Assistance in academic writing through the Academic Language Learning Service
- Online access to library’s e-resources using PCs and mobile devices from anywhere
- Over RM2 million spent for library materials annually
- 37 library staff, with 15 professional librarians
- Reciprocal borrowing privileges and access to electronic resources from Monash University Malaysia Library
- Access to electronic resources from Lancaster University for students following programmes validated by Lancaster University

SCIENCE LABORATORIES

For students taking science subjects, they have access to equipments and materials at the newly-refurbished laboratories specially designated for biology, chemistry and physics practicals.

WI-FI CAMPUS

Students can choose to study anywhere on campus as the entire compound is Wi-Fi enabled.

1. The Harvard Collection
2. Chemistry Lab
3. Atrium Study Area
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 — 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 available: Sun-U Apartment, Sun-U Residence and Sunway Monash 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.

SAFE & SOUND
Our committed security team comprises the Auxiliary Police force and trained professionals working round-the-clock to ensure a safe, peaceful campus.
WHOLESOME EXPERIENCES

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 outside the classroom. Participation in student activities, clubs and societies, field trips and educational workshops, mould our students into effective leaders and communicators.

1. AUSMAT Sports Challenge
2. AUSMAT Career Exploration at YAKULT
3. A-Level visit to the Autistic Centre
4. A-Level National Science Centre excursion with orphans from Good Samaritan Home and Siddharthan Care Centre
5. CIMP’s donation to Children’s Wish Society
6. CIMP Valentine’s Day Celebration
7. MUFY Charity Carnival
8. MUFY’s involvement in the Mobile Street Feeding Program
9. FIA Psychology Crime In Passion workshop
10. FIA Nelson Mandela Day
Sunway Resort City is home to world-class retail, hospitality, leisure and healthcare amenities, offering a safe lifestyle with high-technology surveillance cameras and 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 Resort City is also connected to the city by an efficient network of public transportation.

**The Canopy Walk**
This elevated, secure walkway in Bandar Sunway connects Sunway College, Sunway University and Monash University Malaysia to Sunway Pyramid shopping mall. This walkway is a 10–20 minute walk from the various campuses to the mall, and entrance is secured with Auxiliary Police keeping a watchful eye. The Canopy Walk is open daily from 7am to 12 midnight (except on public holidays) and monitored by closed-circuit television cameras.

**Bus Rapid Transit (BRT)**
The BRT runs on a dedicated elevated road, which connects to several train stations. Students can enjoy shortened travelling time as the purpose-built road avoids traffic congestion. Providing greater convenience, students can disembark directly from the BRT stations located within Sunway Resort City.

**Sunway Pyramid Shopping Mall**
Less than 5-minute walk between campus via the shaded Canopy Walk. Sunway Pyramid is a retail haven with plenty of exhibition space and activity areas.

**Sunway Lagoon**
An award-winning multi themed park, Sunway Lagoon is fun for all and regularly plays host to international performances making it a vibrant event hub.

**Sunway Resort Hotel & Spa, Sunway Pyramid Tower Hotel**
Connected to Sunway Pyramid, these trendy hotels are convenient places for visiting families / friends to stay.

**Sunway Medical Centre**
An accredited private hospital dedicated to specialised healthcare services with some of the best healthcare professionals in the country.

**Sunway College**
An internationally recognised institution offering pre-university and professional accounting programmes as well as undergraduate twinning degree and MBA Programmes with a well-recognised Australian University.

**Sunway University**
A noted private education provider in Malaysia that has received accolades in education locally and abroad with a world-class tertiary education environment.

**Sunway International School**
A reputable, top international school that follows the renowned Ontario Secondary School curriculum.

**Sunway Monash Residence**
A hub for students to experience an independent lifestyle with premium facilities and services, all within a 3-minute walk away from Monash University Malaysia.

**Sun-U Residence**
The safe accommodation of choice to maintain an active and healthy lifestyle, that is a 3-minute walk away from Sunway University / Sunway College and 7 minutes from Monash University Malaysia.

**Sun-U Apartment**
A short 3-minute walk away from the Sunway University / Sunway College campus and 10 minutes from Monash University Malaysia, boasting 24-hour security surveillance and patrol.