

**CAMBRIDGE GCE
ADVANCED-LEVEL
(A-LEVEL)**

*Pathway to
a Brighter
Future*



MESSAGE FROM THE DIRECTOR

Welcome to the Sunway A-Level Programme! Pre-university is an important crossroad, so choose well. A Sunway A-Level qualification not only brings you a step closer to attaining your goals but also opens up a world of possibilities. Here in the Sunway A-Level programme, we work with you to realise your goals.

Our consistent track record and excellent results are testimony to what you will experience here. The Sunway A-Level programme has been a Cambridge Fellowship Centre since 2005. This is in recognition of our excellent delivery system, consistent academic performance and attainment of Cambridge Top in the World awards.

Pursuing the Cambridge A-Level qualification will be exciting and rewarding as you prepare for admission to universities worldwide, including top-tiered institutions. Students before you have successfully entered premier universities in the world like Cambridge, Oxford, Imperial, the London School of Economics, Harvard and MIT. Your lecturers and academic mentors will guide you in your academic work and advise you on how you can benefit

from the wide range of learning facilities and support services available at Sunway. Experienced counsellors from our university placement centre further support you in your university application journey.

In addition to an intellectually stimulating academic environment, we provide you with ample opportunities to participate in extracurricular activities. In the Sunway A-Level Programme, we encourage your holistic development.

We are extremely proud of our students and their individual success stories. We are also very proud of what they go on to achieve. I look forward to welcoming you to the programme and to working with you to ensure you too leave as successful individuals fully prepared for university and able to meet future challenges with confidence.

Ruth Cheah

Director of Programme
Cambridge GCE A-Level

FOREWORD FROM CAMBRIDGE INTERNATIONAL EXAMINATIONS

We are delighted to welcome you to the Cambridge International A-Level programme at Sunway College and congratulate you on deciding to pursue this qualification, an international passport to success for university education and beyond.

Cambridge International Examinations is the world's largest provider of international education programmes and qualifications for 5 to 19 year olds. We are part of the University of Cambridge, one of the world's top universities and trusted for excellence in education. Our qualifications are recognised by the world's universities and employers.

Cambridge International A-Level is an internationally benchmarked qualification, which is taken in over 160 countries by over 175,000 students and widely recognised by universities and employers around the world. It is

accepted for entry into world class universities in countries such as the UK, Germany, USA, Canada, Singapore and New Zealand. It is also accepted for tertiary studies in Malaysia, which means that through studying this qualification, you will develop essential skills that will prepare you for higher studies in Malaysia or anywhere in the world.

Cambridge International A-Level, like all of our programmes and qualifications, helps Cambridge learners to be confident, responsible, innovative and engaged. We wish all Cambridge learners at Sunway College every success in their studies and hope this preparation will bring lifelong success and a love of learning which will stay with you through school, university and beyond.

Cambridge International Examinations



UNIVERSITY of CAMBRIDGE
International Examinations

CAMBRIDGE INTERNATIONAL FELLOWSHIP CENTRE

CAMBRIDGE GCE A-LEVEL PROGRAMME

Sunway College has been preparing students since 1994 for the General Certificate of Education (GCE) Advanced-Level qualification through examinations set and assessed by the Cambridge International Examinations.

Cambridge is the world's largest provider of international educational qualifications with more than 1,100 examination centres across the globe. More than 50 such centres are currently operating in Malaysia alone. Any centre which proves its worth through a superior delivery system that produces excellent results in the biannual examinations is accorded the status of a Fellowship Centre. Only three centres in Malaysia have attained this elite status and Sunway is one of them!

The GCE A-Level qualification places emphasis on in-depth knowledge, deep understanding, strong reasoning abilities and critical thinking. It is arguably the most widely recognised pre-university qualification in the world, readily accepted as proof of superior academic ability for entry into world-class universities around the world.

UNIVERSITY OF CAMBRIDGE INTERNATIONAL FELLOWSHIP CENTRE

The Fellowship Centre status awarded by Cambridge to our A-Level programme in 2005 is a clear recognition of our excellent delivery system and ensuing top-notch results on a world stage. We have a consistent track record of outstanding academic performance and a string of international awards won by our students.

In the November 2016 examinations, 66% of our students achieved Straight A*/As. Our students have consistently topped the nation and the world, winning top Cambridge International Examinations awards in Mathematics, Further Mathematics, Biology, Chemistry, Physics, Psychology, Economics, Accounting, Law, Thinking Skills and General Paper since 1998.

INTERNATIONAL ADVANCED LEVEL AND ADVANCED SUBSIDIARY QUALIFICATIONS

The Cambridge A-Level curriculum provides a firm bedrock of fundamental knowledge by guaranteeing comprehensive coverage in the breadth and depth of each subject 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.

The programme of A-Level studies at Sunway involves a two-tiered structure of examinations leading to the award of a certificate. The staged assessment relieves the pressure associated with sitting for one set of final examination papers. The AS (Advanced Subsidiary) examinations test fundamental skills while the A2 (Advanced Level) examinations are a more wide-ranging assessment. Our 1.5-year programme comprises three semesters, each about six months long, with the AS examinations at the end of Semester 2 and the A2 examinations at the end of Semester 3.

Objectives and Learning Outcomes

The Cambridge International AS and A Level develop learners' knowledge, understanding and skills in:

- In-depth subject content
- Independent thinking
- Applying knowledge and understanding to new as well as familiar situations
- Handling and evaluating different types of information sources
- Thinking logically and presenting ordered and coherent arguments
- Making judgements, recommendations and decisions
- Presenting reasoned explanations, understanding implications and communicating them clearly and logically
- Working and communicating in English

Academic Requirements

Pass SPM, O-Levels or equivalent with minimum 5 credits, and at least a credit in SPM English or an equivalent.

Students who intend to take A-Level science subjects must have at least credits in the same SPM/O-Level pure science subjects; Combined Science does not provide a sufficient foundation.

Additional Mathematics is required for A-Level Mathematics.



Choice of Subjects

The A-Level subjects offered are:

- Accounting
- Biology
- Chemistry
- Economics
- English Literature #
- Further Mathematics *
- Law ##
- Mathematics
- Physics
- Psychology

Students are required to choose a minimum of three (3), or a maximum of four (4) A-Level subjects. Thinking Skills is offered up to AS level only. An English Language class is offered in the first semester of each intake.

The following is a guide to the most popular combinations students choose as pathways to various university courses. Please note that these combinations are not compulsory or absolute; for further information and/or advice, please consult a qualified member of staff.

Pre-Medicine & Pre-Science

- Biology
- Chemistry
- English Literature #
- Mathematics
- Physics
- Psychology

Pre-Engineering & Pre-Science

- Chemistry
- Economics
- English Literature #
- Further Mathematics*
- Mathematics
- Physics

Pre-Business & Pre-Law

- Accounting
- Economics
- English Literature #
- Law ##
- Mathematics
- Psychology

* To be taken as a fourth subject in addition to Mathematics; Further Mathematics is not offered in the March intake.

English Literature is not offered in the March intake.

Law is not offered in the September intake.

Throughout the course, students are advised, counselled and given help on university applications and placement. While at Sunway we provide counselling and guidance to our students in choosing appropriate subject combinations, students are strongly advised to carry out whatever research is necessary, as tertiary course requirements can change over time, and universities can differ greatly with regard to standards and preferences.

Assessments

The A-Level subject syllabi are divided into the AS Level, which is the first half of the programme and forms the foundation of A-Levels, and the A2 Level, which is the second part of the syllabus and covers more difficult topics, with each level contributing 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.

Intakes & Examinations

Intake	Duration	AS Examinations	A-Level (A2) Examinations
January 2018	18 months	October/November 2018	May/June 2019
March 2018	15 months	October/November 2018	May/June 2019
July 2018	18 months	May/June 2019	October/November 2019
September 2018	21 months	October/November 2019	May/June 2020

A-Level Student Council (ALSCO)

ALSCO comprises a team of committed, dedicated and creative young people who are the leaders of the A-Level student body. ALSCO serves as a platform for students to organize activities, share ideas, participate in community service work, and most importantly to develop leadership and interpersonal skills. Members of ALSCO also learn to come out of their comfort zone and achieve their full potential to be leaders. ALSCO members become role models and set good examples for their coursemates. Examples of events ALSCO has organized include charity events to raise funds for the less fortunate and needy, field trips, leadership and teambuilding camps, and many social, cultural, sporting and recreational activities.

Academic Counselling

If a student is found to be too far behind in the syllabus and unable to catch up due to lack of attitude/aptitude then he/she will be counselled to drop a subject. If two or more lecturers agree he/she lacks the ability to cope, after the mid-semester report, he/she will be counselled and further action recommended accordingly.

Coursework & Examinations

Coursework and internal examinations prepare students for the final external examinations and, to a certain extent, university itself. In accordance with internal programme policy, it is mandatory that all students maintain a minimum of 80% attendance and record a minimum of a pass grade in the overall internal assessments to be permitted to register for the external examinations. In addition, to be permitted to register for the Advanced Level examinations students must obtain at least a pass for each of their subjects at Advanced Subsidiary Level.

Extracurricular Activities

There are many extracurricular activities available to all students in the institution. These activities are usually held during the weekdays, but may occasionally be scheduled over weekends and public holidays. Students are encouraged to participate in extracurricular activity as it provides a more wholesome development. It may also enhance a reference or testimonial.

Help and Support

Staff from the A-Level programme and the Student Services Department offer assistance to students in the areas of academic and personal counselling. At the programme level, each student is assigned an academic staff member as mentor.

Mentor-Mentee System

Each student in our A-Level programme is assigned an academic mentor who will provide pastoral care throughout the student's studies. At the outset, this system fosters the forging of a meaningful relationship between lecturer and student, and promotes the close monitoring of the student's overall progress. The system also identifies each mentor as a capable and ready resource person for counsel pertaining to choice of career and placement in appropriate universities. Mentors assist their mentees in their university applications, including the writing of references and testimonials. On a broader level, the mentor-mentee system helps guide the overall social, emotional and mental development of the student body.

Parents' Day

Parents' Day is held to enable parents and guardians to meet with lecturers and discuss the academic and personal development of each student. This will enable parents/guardians and lecturers to work together to help students develop their full potential.



Progress Reports

Progress reports are evaluative reports provided to parents/guardians. These reports are an important means of letting parents know about the student's progress. The programme regards parental involvement and home support as critical factors in helping students improve.

Student Attendance

Although attendance is not part of the evaluation process in the A-Level programme there is a high correlation between attendance and achievement and it is likely that a student who has a high degree of absenteeism will be doing poorly. Attendance is a priority and is monitored and recorded diligently. Students who miss three or more classes in a month will be reported to the Director of Programme and parents or guardians will be informed. Persistent absence from class may result in the student being excluded from classes and barred from registering for the A-Level examinations.

Student Punctuality

Lateness is not only disruptive to others but also adversely affects effective class participation. Chronic lateness will be treated similarly to frequent absences and will be reflected in the student's final mark. It is within the subject teacher's prerogative to deny access to class to chronic latecomers and treat the denied access as an absence. If a student knows he/she will be absent for lessons, he/she must produce a parent's letter to state the reasons and proposed absenteeism dates in advance of the leave of absence.

Teaching Faculty

The academic staff of the A-Level Programme are highly qualified, experienced and truly committed. With an average of 20 years of teaching experience across the faculty, they are highly competent in the task of imparting knowledge and understanding to their young charges.

OUTSTANDING CAMBRIDGE LEARNER AWARD WINNERS

2016

TOP IN MALAYSIA

- Biology (AS Level)**
• Loh Li Ling
- Chemistry (A-Level)**
• Brina Shong Wey-Tynn
- Economics (AS Level)**
• Ang Yi Fang
- Thinking Skills (AS Level)**
• Ghaneassha Nadarajan

TOP IN THE WORLD

- Accounting (AS Level)**
• Low Kiing Seng
- Biology (A-Level)**
• Quah Sean Ying
- Biology (AS Level)**
• Lee Jia Jia
- Chemistry (AS Level)**
• Chan Jun Kang
- Economics (A-Level)**
• Ang Yi Fang
- Law (A-Level)**
• Yeap Shuang Shuang
- Law (AS Level)**
• Teh Jia Qi
- Mathematics (A-Level)**
• Jordan Soon Xian Yue
- Mathematics (AS Level)**
• Ho Jin Jonathan
• Ho Zhe Xuan
• Lim Cheng Hao
• Yu Kang Xu
• Ghaneassha Nadarajan
• Clinton Wee Yuan
• Jordan Soon Xian Yue
• Kam Di Sen
• Lau Wei Jian
• Lee Jian Hao
• Leow Yong Wen
• Lim Wei Yee
• Lim You Sheng
• Ng Wei Soon
• Ooi Jun Yu
• Tan Kin Aun
• Tan Wei Kang
• Tham Zhi Qing
• Wail Gourich
• Yii Jia Jia
• Yip Juen Wai
• Yoogen Valoo @ Velu
- Physics (A-Level)**
• Brina Shong Wey-Tynn
- Physics (AS Level)**
• Chia Jing Heng
• Tan Kin Aun
- Psychology (A-Level)**
• Lee Jo le
- Psychology (AS Level)**
• Wong Hei Yee
• Lee Jo Le
- Thinking Skills (AS Level)**
• Joshua Liau Chu Yang

**Best Across
Three Cambridge
International**
Tan Kin Aun

2015

TOP IN MALAYSIA

- Accounting (A-Level)**
• Daisy Tan
• Hoo Kien Seng
- Accounting (AS Level)**
• Daisy Tan
- Biology (A-Level)**
• Ong Zun Zheng
- Biology (AS Level)**
• Chong Shin Wei
• Tan Xue Heng
- Chemistry (AS Level)**
• Dee Ying Ling
• Tan Xue Heng
- Economics (A-Level)**
• Benedict Low Hao Yi
- Economics (AS Level)**
• Mak Ming Jie
- Mathematics (A-Level)**
• Tong Seng Yie
- Psychology (A-Level)**
• Sarah Koay Ci Hui
• Tharshini A/P Batumalai
- Psychology (AS Level)**
• Chia Mae Yenn Serena
- Thinking Skills (AS Level)**
• Choo Hao Rui

TOP IN THE WORLD

- Chemistry (A-Level)**
• Brian Kiing Chew Sian
- Further Mathematics (A-Level)**
• Chang Wen Teng
• Chin Wan Seng
• Khong Yi Kye
• Yong Jian Wen
- Mathematics (AS Level)**
• Anzo Teh Zhao Yang
• Brian Kiing Chew Sian
• Chang Wen Teng
• Chiew Shao Hen
• Chin Teck Yang
• Choo Hao Rui
• Chua Hui Lin
• Chuah Ching Fun
• Eu Shi Qi
• Hoo Kien Seng
• Lai Khai En
• Law Ying Cheng
• Lee Chuen Phin
• Lim Yi Heng
• Siew Liang Ching
• Tan Cheng Moi
• Tan Hong Bin
• Tan Yong Tao
• Teh Zee Hoe
• Teoh Jack Yang
• Thew Shao Chuan
• Vishnuu Panickar
• Wong Jen Sheng
• Wong Teck Poh
• Woong Wen Tat
- Physics (AS Level)**
• Wong Ling Ang
- Thinking Skills (AS Level)**
• Lin Zi Khang

**Best across
Three Cambridge
International
(A-Level)**
Lin Zi Khang

**Best across
Four Cambridge
International
(AS Level)**
Teh Boon Jie

**Best across
Four Cambridge
International
AS Level First
Place (AS Level)**
Kan Chang Yu

2014

TOP IN MALAYSIA

- Economics (AS Level)**
• Chin Lit Jee
• P'ng Ren Chi
- Psychology (A-Level)**
• Stephanie
Wan Siew Ming
- Thinking Skills (AS Level)**
• Masayoshi Kuwabara

TOP IN THE WORLD

- Biology (A-Level)**
• Ho Yujing
- Further Mathematics (A-Level)**
• Chin Hon Huin
- Mathematics (A-Level)**
• Teng Wai Li
- Mathematics (AS Level)**
• Adrian Yong Xiao Bin
• Amelia Ong Shu Peng
• Beh Sin Ming
• Chai Ting Ting
• Cheah Jun Yitt
• Cheong Meng Chuan
• Chew Jorh Wen
• Chew Qiu Jing
• Daniel Ooi Boon Yann
• Eric Chong Jing Fu
• Hannah Seng Yi Ling
• Hoo Kai Wen
• Liew Khye Borg
• Lim Chuen Bing
• Lim Wei Xian
• Loh Jian Kit
• Lum Hui Huey Joanna
• Matthew Yii Chi Hong
- Megan Yeoh Li Yuen
• Ong Wai Ying
• Poh Ziyun
• Sim Jia Zheng
• Sing Peir Yun
• Tan Lin Yuing
• Teh Jia Yun
• Tey Huey Shan
• Tong Seng Yie

**Best across
Three Cambridge
International A-Level
Joint First Place
(A-Level)**
Teng Wai Li

2013

TOP IN MALAYSIA

- Psychology (A-Level)**
• Pan Eu Fern
- Thinking Skills (AS Level)**
• Micah See Siou-Yong

TOP IN THE WORLD

- Accounting (AS Level)**
• Daphne Ngan Hwee Ern
- Mathematics (AS Level)**
• Ang Yer Yin
• Chester Gan Ming Shern
• Ho Shi Ying
• Kuan Wei Jee
• Loh Khang Yee
• Tan Tee Toon
• Teh Jia Wei
• Toh Kai Ying
- Psychology (AS Level)**
• Kuan Wei Jee

WHAT OUR STUDENTS SAY



"My time at Sunway College has been challenging yet interesting. From dealing with demanding workloads to participating in fun-filled extra-curricular activities, I learnt a lot of new things which can be really useful during my time in university."

Tan Xue Heng
4A*s Cambridge GCE A-Level
Biomedical Engineering, St. Anne's,
University of Oxford, UK



"I am very grateful to have decided to read A-Levels at Sunway College and it proved to be an invaluable experience. I believe the competitive atmosphere and the dedicated lecturers in Sunway College are the main contributing factors to my success in A-Levels. Studying at Sunway College had been an amazing and fruitful journey, and it wouldn't have been the same without my affable lecturers and supportive friends!"

Lim Yi Heng
4A* Cambridge GCE A-Level
Engineering, University of Cambridge, UK



"I had an amazing time studying A Levels at Sunway College. A Levels is a very rigorous programme which has stretched my academic limits and piqued my academic curiosity to study beyond what is lectured in the classroom. I would like to thank all my lecturers whose guidances have been vital to my academic success. My friends and classmates have also been very friendly and supportive, and this creates the perfect environment for conducive studying. Now that I am about to embark on the next step of my academic journey at the University of Cambridge, I would always look back fondly at the memories I have made at Sunway College and aspire to achieve even greater heights than before."

Lin Zi Khang
4A* Cambridge GCE A-Level
Mathematics, University of Cambridge, UK



"Sunway College has many helpful and experienced lecturers who are dedicated to creating a conducive learning environment for the students. I am grateful for the support and guidance that has been afforded to me throughout the 1.5 years of A-Levels. It was really wonderful studying at Sunway College."

Khong Yi Kye
4A* Cambridge GCE A-Level
Mathematics, University of
Cambridge, UK



"Sunway College provides a conducive environment for studying. It has experienced and dedicated lecturers that guided me through the tough A-Level programme. Overall, I really enjoyed my time in Sunway College Kuala Lumpur."

Desmond Eow Fu Shen
4A* Cambridge GCE A-Level
Electrical and Electronic Engineering,
Nanyang Technological University,
Singapore



"Sunway College is a great college with lecturers who are fully dedicated in educating and engaging their students. The dedication and commitment shown by my lecturers helped me to achieve my straight As. Thank you Sunway College!"

Justin Fong Zhen Hou
3A*,1A Cambridge GCE A-Level
Accounting & Finance,
London School of Economics, UK



"Studying the A-Levels at Sunway College was a great learning and growing experience for me. I am incredibly honoured and grateful to have been taught by such experienced and dedicated lecturers who provided so much help and support."

Ng Jie Yi
4A* Cambridge GCE A-Level
Veterinary Medicine,
University of Cambridge, UK



"My journey at Sunway has been a wonderful one with incredible friends & dedicated lecturers who supported me in every way they could. My lecturers were very helpful by answering all my questions and easing my doubts. While studying the A-levels, I grew as an individual learning how to be more organised & versatile and I regard studying at Sunway as one of my best decisions ever."

Joni Tan Ern Ling
4A* Cambridge GCE A-Level
Medicine, University of Sheffield, UK



"The A-levels was arguably the fast track to top universities. My experience at Sunway College was truly challenging as it involved a lot of self-motivation and independent study in a university campus setting that was different from high school."

Henry Lee Min Rong
4A* Cambridge GCE A-Level
Mechanical Engineering,
University of Oxford, UK
(Jeffrey Cheah Foundation -
Sunway Group Scholarship)



"Sunway A-Level Programme provides me with sufficient resources and the right environment to learn and strive for the best. Through the mentor-mentee system, I have met dedicated, passionate lecturers who are always trying their very best to assist students and to explore our potentials. Hence, with the help of my lecturers, I have achieved top grades in my A-Level and received a Bronze medal in the 45th International Chemistry Olympiad Competition in Moscow. At the same time, I have fostered invaluable, close-knit relationships with my lecturers and friends. Therefore, pursuing A-Level in Sunway College is never a regretful decision for me."

Liew Ziqing
4A* Cambridge GCE A-Level
Engineering, University of
Cambridge, UK
(Jeffrey Cheah Foundation -
Sunway Group Scholarship)



"Each lecturer carries a unique principle of education which penetrates deep into my heart. Their dedicated teaching in combination with a complete learning environment provided by Sunway College truly brings out the most in each student. Sunway College allows me to develop a true passion for learning as it provides far beyond an ordinary education, but an exploration into our own capabilities and interests."

Teng Wai Huang
4A* Cambridge GCE A-Level
Medicine, University of Glasgow, UK
KPM Bursary Scholar 2012



"A-level is undeniably tough and demanding as it is 100% examination-based. However, my A-level experience here in Sunway is an enjoyable and memorable one. The lecturers especially were extremely helpful even after office hours and gave extra classes prior to the AS and A2 exams. Not forgetting, the dreadful weekly tests and tutorials had a silver lining as I did not need to revise from scratch and could save time, especially for my A2 exams. The friends I have made here are all amazing in their own ways, and the small classroom capacity strengthened our bonds as we have come to know each other better. I would say that the overall environment of the college is very conducive for my studies and I am thankful that Sunway has offered me quality education and preparation for university."

Lim Ying Yi
4A* Cambridge GCE A-Level
Engineering, University College London,
UK
KPM Bursary Scholar 2012



"Studying A-levels in Sunway was an interesting experience for me. The campus acts as a home for a large community of students of different countries, backgrounds and courses. The part I enjoyed most were the lectures. The lecturers were ever ready to assist students in their studies and also in matters outside curricular boundaries, which encourages further learning and understanding."

Tay Ting Nuan, Fiona
4A* Cambridge GCE A-Level
Mathematics, University of Oxford, UK

QUALITY POLICY

Sunway College (KL), the beacon of higher education, is committed to imparting quality education to our students through efficient management practices by complying with all statutory and regulatory requirements including the requirements of our external partners. We are committed to continual improvement of our scholastic ability and effectiveness by enhancing the awareness of quality and competency of our faculty and management staff; continually reviewing our key processes to ensure compliance to ISO 9001:2015, and respond to customers' concerns in a timely manner.

QUALITY OBJECTIVES

- Promote and establish a culture of quality at all levels of the college community
- Conform to all statutory and regulatory requirements including the requirements of our external partners
- Provide a learning environment conducive for quality teaching and learning, via:
 - Provision of staff development to enhance customer satisfaction
 - Continuous improvement from feedbacks

Sunway College DK265-01 (W)

Owned and governed by the Jeffrey Cheah Foundation (800946-T)

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 SunwayCollegeKL

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This brochure is valid for our 2018 intakes.

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