

Secondary Schools – The Hong Kong University of Science and Technology Dual Program 2026

Information Sheet

Aims

“Secondary Schools - The Hong Kong University of Science and Technology (HKUST) Dual Program 2026” aims to provide an alternative pathway for students who are gifted in certain areas and passionate to explore more in these knowledge domains so that they can:

- (1) Spend most of their time at secondary schools for a healthy, holistic personal development together with peers of the same age.
- (2) Devote part of their time at HKUST studying and exploring subjects of their interest at an accelerated pace and earn university credits.

Background

CDGT’s mission is to honour, recognize, and support students of diverse interests by developing and delivering challenging diverse learning opportunities in various formats to the gifted and talented students. We believe that all students have unique talent and they may not learn well with a fixed format of learning, and their interests are not necessarily confined to the traditional secondary school curriculum. Besides focusing on academic excellence, one of the key purposes of launching DP is to nurture unique talents with passion and commitment. Since its inception in 2011, over 200 secondary schools opting for local or international curriculum have joined the DP.

Teaching Mode

DP follows the University’s teaching mode, pedagogy, and course setting. We use lecture, group discussion, project-based format for delivery. Guest speakers for specific topics are involved on occasion. Special take-home project deemed fit for the purpose would be considered. **All students are advised to start from Pre-stage or Level 1**, whichever appropriate to give them sufficient time to adapt to the University learning environment and teaching style while enjoying classes and having the opportunity to engage in meaningful discussions with instructors and classmates.

Program Structure

DP has a 3-level progressive structure. At first entry, students can choose **one** of the following aspects which they have shown excellent achievement or great potential in **either** Pre-stage Level or Level 1 (the Pre-stage Level is specially designed for junior secondary school (the first three years of secondary school) students). Students who have successfully completed a level with excellent performance can choose to proceed to the next level of the same aspect in the next year.

Course Level	Content	Course Type	Subjects	Date	Class Time
Pre-stage Level	Bridging Courses to Level 1	Non Credit-bearing	Physics Mathematics	November 2026 to April 2027	Saturdays
Level 1	Accelerated Matching Courses in Secondary School Level		Physics Mathematics Chemistry Life Science Engineering		
Level 2 [#]	Introductory University Level	Credit-bearing	Physics Mathematics Chemistry Life Science	October 2026 to March 2027	Saturdays

			Engineering ♦		
Level 3 #	University Level Courses on Specialized Subjects		Examples of courses offered: - Multivariable Calculus - Modern Physics - Organic Chemistry I - Biodiversity - Electro-Robot Design - Computer Science	September to December 2027	Weekdays during University Semester ^

* 1. Schools may consider using government subsidies to provide financial aid to students, e.g. Life-wide Learning Grant, Diversity Learning Grant provided by EDB. For details and guidelines on the use of the grant, please visit EDB website.

2. Financial Assistance will be provided for those in need.

Teachers/students can decide whether to proceed to Level 2/Level 3 upon completion of Level 1/Level 2.

^ Special arrangements have to be made with secondary schools as these courses are offered on weekdays.

❖ Level 2 Engineering course is non-credit bearing.

Pre-stage level courses are the bridging courses for Level 1 courses. They are specifically designed for junior secondary school (the first three years of secondary school) students who demonstrate potential in the subject area. It aims at helping them prepare themselves for further study of more advanced courses.

Level 1 courses are matching courses for students with experience of accelerated study in secondary school level courses but are not quite ready for university level courses yet. Examples of Level 1 courses include accelerated (secondary level) courses in Science aspects, Mathematics and Engineering.

Level 2 courses are introductory university level courses (credit-bearing) offered on weekends for groups of well-prepared students. Examples of Level 2 courses include Year 1 University level courses in Science aspects, Mathematics and Engineering ♦.

Level 3 courses are university level courses (credit-bearing) on specialized subjects for students with satisfactory performance in Level 2 courses and are interested in going further into chosen areas of study. These students will take the regular university courses (1 - 3 classes per week) with university students and special arrangements have to be made with their own schools as these courses are offered on weekdays.

❖ The Level 2 Engineering course is non-credit bearing.

Selection Criteria

1. Students must be nominated by School Principal or Representatives and are not restricted by their study level;
2. Each aspect will have its own pre-requisite. Teachers and students should read the details, including course objectives and schedule, before nomination/enrolment to ensure the best learning outcome.

➤ Pre-stage Level

Junior secondary school (the first three years of secondary school) students who:

- Demonstrate strong potential and great interest in the related specific areas; OR
- Show commitment and achievement in the related specific areas.

➤ Level 1

- Students who demonstrate strong potential and great interest in the related specific areas; OR

- Students who show commitment and achievement in the related specific areas.

Course Instructors

All courses will be instructed by HKUST faculty members or experienced instructors committed to nurturing students to develop their full potential as scholars.

Important Dates for Schools (Tentative)

Date	Procedure
August 2026	Program Information and Nomination Documents • Being delivered to Participating Schools by mail • Being sent to Coordinating Teachers by email
1/9/2026 (Monday)	Nomination Period Begins
5/9/2026 (Saturday)	Online Information Session for Parents and Students (Conducted in Cantonese) • Introduction of the Dual Program by Course Instructors of each aspect
10/9/2026 (Thursday)	Online Nomination Seminar for Teachers (Conducted in Cantonese) • Introduction of the characteristics of gifted students by a guest psychologist • Briefing by CDGT staff on the school nomination procedures and criteria
25/9/2026 (Friday)	Deadline for Submission of Online Application Form by Student Nominees
2/10/2026 (Friday)	Deadline for Submission of Nomination List by School Coordinating Teachers • School Coordinating Teachers collect copies of the online application acknowledgement emails from student nominees • Complete and submit the nomination list to our center by mail or email
5/11/2026 (Thursday)	Nomination Result Announcement by email to School Coordinating Teachers and Student Nominees
11/2026 – 4/2027	DP Pre-stage Level / Level 1
10/2026 – 3/2027	DP Level 2 (Optional upon completion of Level 1)
9/2027 – 12/2027	DP Level 3 (Optional upon completion of Level 2)

Please visit the following website for more details of the Dual Program: <https://cdgt.hkust.edu.hk/>

香港科技大學
中學／大學雙修課程 2026

課程簡介

課程宗旨

「中學／大學雙修課程 2026」旨在為在某些領域有優秀才能或潛能，並熱衷於探索這些知識領域的學生提供不同的學習渠道，讓他們可以：

- (1) 將大部分學習時間用於學校中與同儕作健康、全面的個人發展。
- (2) 投放部分時間在香港科技大學探索和加速學習其感興趣之學科，並取得大學學分。

課程背景

資優教育發展中心的使命是透過開發和提供具有挑戰性且多樣化的學習機會以表彰、認同和支援具有優秀才能或潛能，以及具有多元化興趣的學生。我們相信所有學生都擁有獨特的才華，而且他們的興趣不一定局限於傳統的中學課程，故他們有可能無法透過校內固定的課程大綱去好好學習。除了注重學術表現外，開辦中學／大學雙修課程的其中一個主要目的是培養具有濃厚學習熱誠及興趣的獨特人才。自 2011 年成立以來，已有 200 多所採用本地或國際課程的中學加入了中學／大學雙修課程。

教學模式

中學／大學雙修課程遵循大學的教學模式、方法和課堂模式。課程透過課堂講解、小組討論及專題研習形式進行授課。關於專門課題的客席講座偶會不定期舉行。導師亦可能會因應學生的學習需求，設定合適的特別專題學習項目讓學生能在家進行。為了讓學生們有時間適應大學的學習環境和教學模式，享受雙修課程的課堂的同時，並有機會與老師和同學進行有意義的交流或討論，我們建議所有學生從預備階段或階段一開始修讀。

課程結構

中學／大學雙修課程為三階段漸進式課程，首次參加的同學可以在自己有優異表現或甚具潛力的一個學科，選擇報讀預備階段或階段一的課程 [預備階段課程專為初中（中學一至三年級）的同學而設]。若同學以優異成績完成一個階段，可以選擇於第二年修讀下一個階段。

課程階段	課程內容	課程種類	科目	日期	上課時間
預備階段	階段一銜接課程	非學分制	物理 數學	2026 年 11 月 至 2027 年 4 月	星期六
階段一	加速（中學） 課程		物理 數學 化學 生命科學 工程		
階段二 [#]	大學一年級程度	學分制	物理 數學	2026 年 10 月 至	星期六

			化學 生命科學 工程❖	2027 年 3 月	
階段三 [#]	大學程度 專題學科課程		課程例子： - 多變量微積分 - 現代物理學概論 - 有機化學 I - 生物多樣性 - 電動機器人設計 - 電腦科學	2027 年 9 月至 12 月	大學學期 平日上課時間 [^]

* 1. 學校可考慮運用政府津貼，例如教育局之全方位學習津貼、多元學習津貼等，為學生提供學費資助。
有關津貼運用指引及詳情，請瀏覽教育局網頁。

2. 有需要的學生可申請學費資助。

老師／學生可以在完成階段一／階段二後決定是否繼續報讀階段二／階段三。

^ 中學須作特別安排讓學生可順利參與平日進行的大學常規課程。

❖ 工程範疇階段二課程暫為非學分制課程。

預備階段為雙修課程的銜接課程，專為在學校表現出眾和希望入讀階段一的初中（中學一至三年級）同學而設，為他們作更好的準備。

階段一為大學預備課程，為尚未能應付大學程度課程的同學而設，以加速其學習。課程例子包括科學、數學及工程學科的加速（中學）課程。

階段二為大學初階課程（學分制），於週末以小組學習形式上課，為有充分準備的同學而設。課程例子包括大學一年級程度的科學、數學科及工程學科課程❖。

階段三為大學專題學科課程（學分制），專為階段二表現優異並有志進一步研習之同學而設。同學將會與大學學生共同修讀大學的常規課程。由於大學常規課程多安排於平日進行（每星期一至三節課），中學須作特別安排讓同學可順利參與課堂。

❖ 工程範疇階段二課程為非學分制課程。

提名準則

1. 同學須經由學校校長或代表老師提名，並不受其就讀年級限制。
2. 各個科目都有特定修讀條件。老師和學生應該在提名或入學前確認細節，例如課程目標及課程時間表，以得到最佳的學習效果。

➤ 預備階段

初中（中學一至三年級）同學

- 能於相關的學習範疇展示其潛能及濃厚的興趣；或
- 能於相關的學習範疇上，展示其熱忱及能力

➤ 階段一

- 同學能於相關的學習範疇展示極具潛能及有濃厚的興趣；或
- 同學能於相關的學習範疇上，展示其熱忱及能力

課程導師

所有課程均由科大導師、教職員或有豐富經驗的導師任教，致力於培養學生充分發揮潛能。

重要日期（暫定）

日期	程序
2026 年 8 月	雙修課程資料及提名表格： • 郵寄至參與學校 • 電郵予學校統籌老師
2026 年 9 月 1 日（星期一）	雙修課程提名期開始
2026 年 9 月 5 日（星期六）	網上家長同學簡介會 （廣東話進行） • 雙修課程各科導師介紹課程內容
2026 年 9 月 10 日（星期四）	網上老師提名講座 （廣東話進行） • 心理學家為大家簡介資優學生的特質 • 本中心代表講解學校提名程序和準則
2026 年 9 月 25 日（星期五）	獲提名學生填寫網上報名表格期限結束
2026 年 10 月 2 日（星期五）	學校統籌老師遞交提名清單期限結束 • 學校統籌老師收集學生網上報名確認電郵副本 • 填妥提名清單，以郵寄或電郵方式交回本中心
2026 年 11 月 5 日（星期四）	遴選結果 經電郵通知學校統籌老師及同學
2026 年 11 月下旬 – 2027 年 4 月	雙修課程 預備階段／階段一
2026 年 10 月下旬 – 2027 年 3 月	雙修課程 階段二（完成上一階段後自由選擇是否報讀）
2027 年 9 月上旬 – 2027 年 12 月	雙修課程 階段三（完成上一階段後自由選擇是否報讀）

請到以下網站瀏覽更多課程資料：<https://cdgt.hkust.edu.hk/>