



## ST. LOUIS SCHOOL

Circular No. 049 (24-25)

10<sup>th</sup> September, 2024

Dear Parents / Guardians,

### **Re: HKUST Dual Program (DP) 2024**

The application for Hong Kong University of Science and Technology (HKUST) Dual Program (DP) 2024 has commenced. Details are as follows:

#### **AIMS**

“Secondary Schools - The Hong Kong University of Science and Technology (HKUST) Dual Program 2024” aims to provide an alternative pathway for students who are gifted in certain areas so that they can:

- (1) spend most of their time at secondary schools for a healthy, holistic personal development;
- (2) devote part of their time at HKUST studying subjects of their interest at an accelerated pace and earn university credits.

#### **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 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.

**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.

Course Level	Content	Course Type	Subjects	Date	Class Time
Pre-stage Level	Bridging Courses to Level 1	Non-Credit-bearing	Physics Mathematics	November 2024 to April 2025	Saturdays
Level 1	Accelerated Matching Courses in Secondary School Level		Physics Mathematics Chemistry Life Science Engineering		
Level 2 <sup>#</sup>	Introductory University Level	Credit-bearing	Physics Mathematics Chemistry Life Science Engineering❖	October 2024 to March 2025	Saturdays
Level 3 <sup>#</sup>	University Level Courses on Specialized Subjects		Examples of courses offered: -Multivariable Calculus -Modern Physics -Organic Chemistry I -Biodiversity -Statics -Electro-Robot Design -Computer Science -Industrial Engineering and Decision Analytics -Aerospace Engineering	September to December 2025 / February to May 2026	Weekdays during University Semester <sup>^</sup>

1. Our school can make use of government subsidies to provide financial aid to students, e.g. Life-wide Learning Grant (for S3 students) and Diversity Learning Grant (for S4 – S6 students) provided by EDB. Students who wish to apply for this subsidy should pay attention to further information in a circular to be issued at the end of the school year and keep the proof of payment.
2. Financial Assistance will also be provided by HKUST for those in need (See Annex 1).

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

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

❖ 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.

## COURSE INTRODUCTION, SYLLABUS & SCHEDULE

Please visit <https://cdgt.hkust.edu.hk/dp-course-info> for more information.

Interested students should submit the online nomination form at [https://ust.az1.qualtrics.com/jfe/form/SV\\_aeICNrki7hxFYi](https://ust.az1.qualtrics.com/jfe/form/SV_aeICNrki7hxFYi) **on or before 29 September, 2024 (Sunday)**. Late application will not be considered. Before filling out the online nomination form, please prepare scanned copies of the following supporting documents (each file should not exceed 1MB in size):

- i. applicant's most recent School Academic Report (compulsory)
- ii. applicant's HKID card / passport (compulsory)
- iii. document(s) certifying applicant's academic competence, such as certificate(s) of examinations / competitions / events relevant to the aspect(s) you are applying (if any)
- iv. supporting document(s) for applicant's special learning needs, e.g. medical certificate(s) or educational psychological report(s) (if applicable)
- v. proof of Comprehensive Social Security Assistance (CSSA) OR School Textbook Assistance Scheme (Full or Half Grant) in the current academic year (for applicants who wish to apply for our Financial Assistance Scheme)

An acknowledgement email will be sent to each student applicant upon submission. He should submit **a copy of the acknowledgement email** along with **a copy of the latest school report** to Ms. NG Kar Wai Vivien on or before **2<sup>nd</sup> October, 2024 (Wednesday)** for further procedures.

Nomination results will be released to nominating parties on 6<sup>th</sup> November, 2024 (Wednesday). Enrolled students should settle the course fee within three working days. For enquiries, please contact Ms. NG at 2546 0117 or The Center for the Development of the Gifted and Talented (CDGT), HKUST at 2358 5084. For more information, please visit the Facebook of CDGT and watch the briefing videos at <https://www.facebook.com/HKUST.CDGT>.

(Miss NG Kar Wai Vivien)  
for Principal



聖類斯中學  
通告第 049 號 (24-25)

各位家長/監護人：

## 香港科技大學 中學／大學雙修課程 2024

本學年香港科技大學中學／大學雙修課程現已開始接受申請。詳情如下：

### 課程宗旨

「中學／大學雙修課程2024」旨在為資優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作健康、全面的個人發展；
- (2) 投放部分時間在香港科技大學加速學習其感興趣之學科，並取得大學學分。

### 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。

**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。

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	2024年11月至 2025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 <sup>‡</sup>	大學一年級程度	學分制	物理 數學 化學 生命科學 工程 <sup>‡</sup>	2024年10月至 2025年3月	星期六
階段三 <sup>#</sup>	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 - 靜力學 - 電動機器人設計 - 電腦科學 - 工業工程與決策分析 - 航空航天工程學		

1. 學校可運用政府津貼，例如教育局之全方位學習津貼(中三)、多元學習津貼(中四至中六)等，為學生提供學費資助。有意申請的同學請保留收據並留意學年完結前發出的相關通告。
2. 有需要的學生亦可向香港科技大學資優教育發展中心申請學費資助(見附件一)。

<sup>‡</sup> 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。

<sup>^</sup> 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。

<sup>‡</sup> 工程範疇階段二課程暫為非學分制課程。

## 提名準則

1. 同學須經由學校校長或代表提名，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

所有課程將由科大導師、教職員或有豐富經驗的導師任教。

## 各範疇的課程簡介、大綱及範例

詳情請瀏覽<https://cdgt.hkust.edu.hk/zh-hant/dp-course-info>。

有興趣的同學須於 **2024年9月29日(星期日)** 前填寫網上提名表格 ([https://ust.az1.qualtrics.com/jfe/form/SV\\_aelCNrki7hxFYi](https://ust.az1.qualtrics.com/jfe/form/SV_aelCNrki7hxFYi))，並上載最近的學校成績表、公開考試成績，以及與所報讀範疇相關最多四項的證書或學術能力證明文件副本(如有)。提交表格後，同學將於電子郵箱收到確認通知書。同學須**列印該通知書**並連同**最近期的成績表**於**2024年10月2日(星期三)**前遞交予吳家慧老師以完成其他申請程序。

提名結果將於2024年11月6日(星期三)以電郵通知提名單位。獲取錄的同學須於三個工作天內繳交課程學費。如有查詢，請致電2546 0117與吳老師聯絡或致電2358 5084與香港科技大學資優教育發展中心聯絡。如欲了解更多詳情，可瀏覽香港科技大學資優教育發展中心面書專頁及觀看簡介會錄影片段(<https://www.facebook.com/HKUST.CDGT>)。

校長

易浩權博士

(吳家慧老師代行)

二零二四年九月十日

## Course Fee 學費

Level	Aspect	Course Fee (HKD)		
		Full Payment	School Textbook Assistance Scheme (STA – Half) Recipients	Comprehensive Social Security Assistance (CSSA)/ School Textbook Assistance Scheme (STA – Full) Recipients
Pre-stage Level	Physics	HK\$7,000	HK\$3,500	HK\$1,800
	Mathematics	HK\$7,000	HK\$3,500	HK\$1,800
Level 1	Physics	HK\$8,100	HK\$4,050	HK\$2,000
	Mathematics	HK\$8,100	HK\$4,050	HK\$2,000
	Chemistry	HK\$8,100	HK\$4,050	HK\$2,000
	Life Science	HK\$8,100	HK\$4,050	HK\$2,000
	Engineering*	HK\$9,400*	HK\$5,100*	HK\$2,950*

\*Material fee is included

階段	報讀範疇	學費 (港幣)		
		全費	學校書簿津貼計劃 (半費) 受助者	綜合社會保障援助計劃/ 學校書簿津貼計劃(全費) 受助者
預備階段	物理	HK\$7,000	HK\$3,500	HK\$1,800
	數學	HK\$7,000	HK\$3,500	HK\$1,800
階段一	物理	HK\$8,100	HK\$4,050	HK\$2,000
	數學	HK\$8,100	HK\$4,050	HK\$2,000
	化學	HK\$8,100	HK\$4,050	HK\$2,000
	生命科學	HK\$8,100	HK\$4,050	HK\$2,000
	工程*	HK\$9,400*	HK\$5,100*	HK\$2,950*

\*已包括材料費

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**Reply Slip**

Circular No. 049 (24-25)

**Re: HKUST Dual Program (DP) 2024**

Dear Principal,

My son charge **\*would / would not** apply for the HKUST Dual Program 2024. (Please note that students should follow the procedures stated in the circular, which includes submitting an online application form at [hhttps://ust.az1.qualtrics.com/jfe/form/SV\\_aeICNrkbi7hxFYi](https://ust.az1.qualtrics.com/jfe/form/SV_aeICNrkbi7hxFYi) on or before 29 September, 2024 and submitting a copy of the acknowledgement email along with a copy of the latest school report to Ms Ng Kar Wai Vivien on or before 2 October, 2024 (Wednesday) for further procedures. Late applications will not be considered.)

Signature of Parent/Guardian : \_\_\_\_\_  
Name of Parent/Guardian : \_\_\_\_\_  
Emergency Contact Number : \_\_\_\_\_  
Student's Mobile Number : \_\_\_\_\_  
Date : \_\_\_\_\_

\* Please delete as appropriate.

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**回 條**

通告第 049 號 (24-25)

**香港科技大學中學／大學雙修課程2024**

易校長：

本人為學生 \_\_\_\_\_ (班別 \_\_\_\_\_ 學號 \_\_\_\_\_) 的家長／監護人，現知悉有關活動。本人**\*同意/不同意** 敝子弟參加香港科技大學中學／大學雙修課程2024。(有興趣的同學須於 **2024年9月29日(星期日)**前填寫網上提名表格 ([https://ust.az1.qualtrics.com/jfe/form/SV\\_aeICNrkbi7hxFYi](https://ust.az1.qualtrics.com/jfe/form/SV_aeICNrkbi7hxFYi))，並上載最近的學校成績表、公開考試成績，以及與所報讀範疇相關最多四項的證書或學術能力證明文件副本(如有)。提交表格後，同學將於電子郵箱收到確認通知書。同學須**列印該通知書並連同最近期的成績表於2024年10月2日(星期三)**前遞交予吳家慧老師以完成其他申請程序。)

家長／監護人簽名 : \_\_\_\_\_  
家長／監護人姓名 : \_\_\_\_\_  
家長／監護人聯絡電話 : \_\_\_\_\_  
學生聯絡電話 : \_\_\_\_\_  
日 期 : \_\_\_\_\_

\*請劃去不適用者