

Gifted Education Fund: Off-school Advanced Learning Programmes

Programme No. 2019-004 (For secondary schools)

Title of Programme	Advanced Talent Education Programmes for Gifted Students in Hong Kong (香港資優生才能培訓計劃)
Programme Provider	Department of Mathematics (College of Science) and Department of Social and Behavioural Sciences (College of Liberal Arts and Social Sciences), City University of Hong Kong
Theme	STEM-related Mentorship Programme
Maximum No. of Participants and Class Level in the 2019/20 school year	50 students (Secondary 3 – 5)
Pre-requisite	No special background knowledge and skills required
Programme Period	About 9 months
Medium of Instruction	Course Material: English / Chinese Class teaching/Discussion: Cantonese supplemented with English
Objectives	<ul style="list-style-type: none"> ● To provide opportunities for students to experience university life and to develop the interests of students in their talented areas; ● To enhance the visuospatial abilities of students in mathematics through STEM-enriched learning activities; and ● To foster the affective development of gifted students via learning through experiential activities and technology-based psychological assessment.
Programme Outline*	<p>The programme comprises the following three phases:</p> <ul style="list-style-type: none"> ● Phase 1: A seminar to introduce the programme and relevant basic knowledge for Phase 2 and Phase 3 ● Phase 2: Four full-day workshops on advanced mathematics with a focus on 3D modelling, and a half-day mentoring and integrated workshop with mathematics and affective education elements ● Phase 3: Students who have successfully completed Phase 2 will enrol in special projects of undergraduate or postgraduate students of College of Science. Monthly meetings with academics/researchers will be organised to provide mentoring and support to the students. (This will last for around 3 months: 3 hours/ week on 3-D workshop, monthly progress meeting and a seminar to present the students' achievements and learning experience in special projects) <p>* In view of the novel coronavirus epidemic, some sessions of the programme may be conducted online.</p>

Admission Fee	Free of charge
Application method	<p>Please download and complete the application form attached herewith, and send by post <u>on or before 15 May 2020</u> to the following address:</p> <p>6th Floor, Yeung Kin Man Academic Building City University of Hong Kong 83, Tat Chee Avenue Kowloon Tong (Attn: Prof Benny Hon)</p> <p>Remark: Applicants will be invited to attend a seminar to be held in mid-May 2020 (tentative). The organiser will notify the applicants about the details of the seminar soon.</p>
Enquiry	<p>Prof Benny Hon (Department of Mathematics, College of Science, City University of Hong Kong) Tel No.: 3442 8675 (10:00 a.m. to 12:00 noon) Email: benny.hon@cityu.edu.hk</p>
Date of Announcement of Result	By early June 2020 (tentative)