



Gifted Education Fund:

Off-school Advanced Learning Programme (2024/25 School Year):

ADVENTURING INTO TRANSFORMATIVE HEALTHCARE: INTEGRATING TECHNOLOGY WITH AI-POWERED DIGITAL SOLUTIONS

Programme Number: 2024-06

Programme outline

This programme targets gifted students with potential in experimental design and statistical analysis. They will receive foundational training on principles of medical imaging technologies. Following the lectures, they will select from a range of medical imaging tools and identify potential applications for their chosen tool.

Through hands-on workshops, they will be helped to implement their experimental designs to validate their research ideas.

Programme details

- ✓ Period: May 2025 - Dec 2025
- ✓ Target: S1 - S5 HKAGE student members
- ✓ Mentorship meeting
- ✓ Final Project Exhibition

Application details

- ✓ Date: 19 Feb - 2 Apr 2025 (12:00 .p.m.)
- ✓ Admission fee: Free of charge

Objectives



To empower gifted students with the knowledge and skills they need to design and implement artificial intelligence (AI) solutions for medical applications, to utilize AI for enhanced patient diagnostics and care, and to leverage data analytics to address complex healthcare challenges in the digital age



To help gifted students develop generic skills such as problem-solving, collaboration and the ability to communicate scientific information



To help gifted students develop positive values and attitudes, especially the ethical use of AI

Medium of instruction

- ✓ Course material: English
- ✓ Class teaching/discussion: English supplemented with Cantonese

For more info.



Enquiries about Programme:
Prof KHOO Bee Luan

3442 9423

blkhoo@cityu.edu.hk

Enquiries about Application:

The Hong Kong Academy for Gifted Education (HKAGE)

3940 0101

programme@hkage.org.hk

