



香港資優教育學苑

The Hong Kong Academy for Gifted Education

香港特別行政區政府教育局資助

Subvented by the Education Bureau, the Government of the HKSAR

A3ENV007C

(Token- required)

Environmental Science Course (Level III)

Analytical Research on Climate and Sustainability (Phase 3)

Dr. LAM Yun Fat; Mr. CHANG Man Hei Jeffrey
(GEOGSTEM Education Limited)



Application Deadline

~~23 Jun 2024~~ **6 Jul 2024**

12:00 noon

Round 2 Result Release

~~28 Jun 2024~~

10 Jul 2024

Intended Learning Outcomes

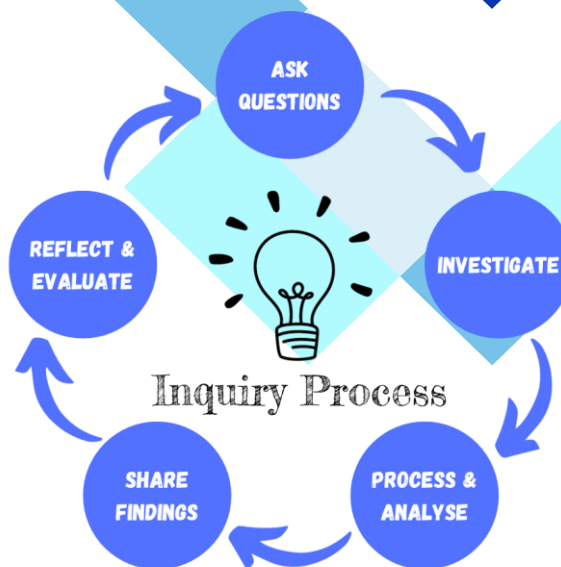
Upon completion of the programme, participants should be able to:

1. Identify an environmental sustainability problem in Hong Kong and design experiment to access the issue;
2. Apply the concepts and technical skills developed in Phase 1 and 2 in the programme to solve the problem with sensing and mapping;
3. Develop a project proposal and progressively tackle the defined problem;
4. Design infographics and visualize the research findings with poster;
5. Develop creativity and teamwork via project learning.

◆ Introduction

At the final stage of the programme, the 24-hour course is designed to provide flexibility for students to think outside of the box and apply concepts and technical skills. Phase 3 emphasized on the transferrable skills and application of the concept to conduct inquiry (refer to the diagram).

Forming into groups, members will be led by supervisors to investigate on topics of their own interest. Students can choose from a range of topics including extreme weather, air pollution, and water pollution. At the end, students' work will be showcased to the public in some massive event. Students' completed project work maybe submitted to the local or global conferences and competitions.



◆ Schedule

Session	Date	Time	Venue
1	6 Jul 2024	2:00 – 5:00 p.m.	Room 203, HKAGE
	13 Jul	No lesson	No lesson
2	17 Jul 2024 15 Jul 2024	2:00 – 5:00 p.m.	Room 203, HKAGE Room 206, HKAGE
3	Jul 2024	Flexible (3 hours)	Zoom Consultation
4	24 Jul 2024	2:00 – 5:00 p.m.	Room 203, HKAGE
5	27 Jul 2024	2:00 – 5:00 p.m.	Room 203, HKAGE
6	Aug 2024	Flexible (3 hours)	Zoom Consultation
7	24 Aug 2024	2:00 – 5:00 p.m.	Room 204, HKAGE
8	31 Aug 2024	2:00 – 5:00 p.m.	Room 203, HKAGE

◆ Target Participants

- S1 to S6 HKAGE student members in 2023/24 school year
- Priority will be given to student members who have completed phase 2 (A3ENV006C)
- Class size: 15

◆ Pre-requisite

- No special prerequisites are needed.

◆ Medium of Instruction

Chinese with English/Chinese Handouts

Remarks

Participants should bring their own laptop to class.

◆ Screening

Please answer the screening question in the online platform.

*The screening question is designed to help the applicant to understand the course level and the course content. The question must be answered by the student applicant and it can only be attempted once. The answer cannot be changed once the application is submitted. Selection is based on students' performance in answering the question.

◆ Certificate

E-Certificate will be awarded to participants who have:

- Finished all assignments; and
- attended at least 6 sessions with good performance