



Gifted Education Fund: Off-school Advanced Learning Programme (2024/25 school year)

Application of GIS and Remote-sensing in Avian Research - Programme for Gifted Students

(Funded by Gifted Education Fund)

Outdoor Wildlife Learning Hong Kong has received funding from the "Gifted Education Fund" to conduct an off-school advanced learning programme (Course no.: 2024-04). The course aims to train and develop gifted students' knowledge and interest in local ecology and biodiversity, particularly in birds. Through training, it seeks to inspire gifted students to apply geographic information and remote sensing systems to address complex challenges in bird research or conservation. Also, the course emphasizes encouraging gifted students to express their talents and creativity through group studies and field visits, fostering good values in nature conservation and biodiversity.

Programme period

From May to Dec 2025 (around 7 months)

Intake

50 P4 to P6 students
(HKAGE student members in the 2024/25 school year)

Admission fee

Free of charge

Medium of instruction

Course material:

Chinese

Class teaching/ discussion:

Cantonese, supplemented with English

Organiser

Co-organisers



Programme schedule

Date	Content	Venue
Phase I – Bird Ecology and Diversity		
18 May (Sun) AM	Session 1 Bird Ecology and Diversity (3 hours)	Lecture Room (TBC)
18 May (Sun) PM	Session 2 Hong Kong Water Bird - Field Trip (3 hours)	Mai Po Nature Reserve
22 Jun (Sun) AM	Session 3 Ecology and Biodiversity (3 hours)	Lecture Room (TBC)
22 Jun (Sun) PM	Session 4 Ecology & Biodiversity - Field Trip (3 hours)	Aberdeen Country Park
29 Jun (Sun) AM	Session 5 Bird Behaviour & Identification (3 hours)	Dream Impact
29 Jun (Sun) PM	Session 6 Hong Kong Woodland Bird - Field Trip (3 hours)	Tai Po Kau Nature Reserve
6 Jul (Sun) AM	Session 7 Bird Conservation (2 hours)	Dream Impact
Phase II - Geographic Information System and Bird Survey		
21 Jul (Mon) AM	Session 1 Basic GIS (I) (3 hours)	Dream Impact
22 Jul (Tue) AM	Session 2 Basic GIS (II) (3 hours)	Dream Impact
26 Jul (Sat) AM	Session 3 Methods & Techniques for Bird Surveys (2 hours)	Dream Impact
26 Jul (Sat) PM	Session 4 Hong Kong Urban Bird - Field Trip (3 hours)	Kowloon Park
29 Jul (Tue) AM	Session 5 Advance Application of GIS (I) (3 hours)	Dream Impact
31 Jul (Thur) AM	Session 6 Advance Application of GIS (II) (3 hours)	Dream Impact
Phase III - Application and Group Research		
14 Sep (Sun) AM	Session 1 Set Group Project Topic & Plan (3 hours)	Dream Impact
21 Sep (Sun) AM or PM	Session 2 Bird Field Survey (3 hours)	Outdoor survey
28 Sep (Sun) AM or PM	Session 3 Bird Field Survey (3 hours)	Outdoor survey
12 Oct (Sun) AM or PM	Session 4 Bird Field Survey (3 hours)	Outdoor survey
19 Oct (Sun) AM or PM	Session 5 Bird Field Survey (3 hours)	Outdoor survey
9 Nov (Sun) AM	Session 6 Application of GIS & Presentation Preparation (3 hours)	Dream Impact
16 Nov (Sun) AM	Session 7 Application of GIS & Presentation Preparation (3 hours)	Dream Impact
30 Nov (Sun) AM	Session 8 Application of GIS & Presentation Preparation (3 hours)	Dream Impact
7 Dec (Sun) AM	Session 9 Application of GIS & Presentation Preparation (3 hours)	Dream Impact
14 Dec (Sun) AM	Session 10 Group Project Presentation & Graduation Ceremony (3 hours)	TBC

Application method

Please log in to the application link and answer the screening questions



Application deadline

12:00 PM on 2 April, 2025

Application result announcement date

23 April, 2025

Enquires

Programme information:
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Application:
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