



You and Your Gene.... (E4BIL002C)

Introduction	Heredity refers to the passing on of particular characteristics (i.e. traits) from one generation (parent) to another generation (offspring). Genetic materials, commonly called DNA or genes, are the unique biological materials being duplicated and transmitted from the parent to the offspring. These genetic materials are playing an important role for determining the characteristics and all the internal activities and reactions of an individual. In this course, the concept and significance of genetic materials and the central dogma, the roles of genes in regulating the genotype and phenotype of a biota, and some genetic diseases will be introduced through a wide range of practicals and lectures.		
Programme Type / Level	Heredity Course (Level IV) (Token-required)		
Instructor(s)	To be confirmed		
Pre-requisite	No special prerequisites are needed		
Target Participants	<ul style="list-style-type: none">➤ S4 to S6 HKAGE student members only in 2020/21 school year➤ Class size: 30		
Medium of Instruction	Cantonese with English handouts		
Certificate	E-Certificate will be awarded to participants who have: <ul style="list-style-type: none">❖ Attended at least 3 sessions; AND❖ Completed all the assignments with satisfactory performance		
Intended Learning Outcomes	Upon completion of the programme, participants should be able to: <ol style="list-style-type: none">1. introduce the basic knowledge of genetics;2. illustrate the concept and significance of central dogma;3. introduce the roles of gene in regulating genotype and phenotype of biota;4. illustrate the genetic defect in abnormal cases;5. enhance the student interest in genetics and heredity related study.		
Application Procedure	<u>This programme is Programmes with No Screening</u> There are no screening questions, written test or other screening methods for this type of programmes. <ul style="list-style-type: none">● Student members can select up to 5 programmes from a list of selection. Applicants have to state the priority when submitting the application. (1st priority, 2nd priority, 3rd priority, etc). 1 token is required for each programme (For programme list, please refer to the issue 22 of Gifted Gateway (click here));● The application can only be submitted once. After submission of the application, the programme selection and the priority cannot be changed;● If a student member removes a programme from the application before the application deadline by withdrawal, the choice priority will remain unchanged. (For example: A student has selected three programmes and removed the programme with the 1st priority from the application. The choices of 2nd and 3rd priority will remain unchanged with no promotion in priority).● We will select the students based on the student's choice of priorities and a randomly generated selection by the computer system. If there is time clash between the applied programme and other programmes with offer, HKAGE will consider if the application will be accepted;● Student members should avoid applying programmes with time clash;● The decision of HKAGE on the result of selection should be final.		
Application Deadline	23 Apr 2021 12:00 n.n	Application Result Release Date	30 Apr 2021
If student members withdraw from the programme after the Application Deadline, the token will be deducted.			

Schedule

Session	Date	Time	Venue
1	4 Aug	9:00 a.m. – 12:00 n.n.	To be confirmed
2		1:00 p.m. – 4:00 p.m.	
3	5 Aug	9:00 a.m. – 12:00 n.n.	
4		1:00 p.m. – 4:00 p.m.	

Enquiries

For enquiries, please contact Academic Programme Development Division on 3940 0101
After language selection, press "1".

SCIENCES

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