



E1CHE001C

(Token- required)

Chemistry Course (Level I)

# Chemistry for Life Sciences

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**Application Deadline**  
**21 Jan 2022 12:00 n.n**

**Result Release**  
**28 Jan 2022**

## Intended Learning Outcomes

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

1. explain the roles of biomolecules in;
2. explain how the biomolecules' structures are related to their functions;
3. conduct a basic biochemical and chemical analysis on nucleic acid, protein-based materials or other materials;
4. provide multiple examples of current daily applications of biochemistry;
5. collaborate and communicate effectively to explain their own views and exchange the ideas with the others in the discussion.



## ◆ Introduction

This course aims to provide students with comprehensive training on understanding the important role of biomolecules like DNA and proteins in organisms. The concept of structure-related function will be introduced and demonstrated via practical and interactive tutorial class. Moreover, the roles of biomolecules in molecular and physiological levels and pathological cases will also be addressed.

## ◆ Schedule

| Session | Date   | Time  | Venue                                  |
|---------|--------|---|--|
| 1       | 20 Apr | 9:00 a.m. – 12:00 n.n.<br>1:00 p.m. – 4:00 p.m. | Buddhist Kok Kwong<br>Secondary School |
| 2       |        |   |  |
| 3       | 21 Apr |   |  |
| 4       |        |   |  |

## ◆ Target Participants

- P4 to P6 HKAGE student members only in 2021/22 school year
- Class size: 30

## ◆ Pre-requisite

No special prerequisites are needed

## ◆ Medium of Instruction

Cantonese with English handouts

## ◆ Certificate

E-Certificate will be awarded to participants who have:

- attended at least 3 sessions; AND
- completed all the assignments with satisfactory performance



## ◆ Application Procedure

This programme is Programmes with No Screening.

There are no screening questions, written test or other screening methods for this type of programmes.

- 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 latest issue of Programme Schedule ([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.