



# Chemistry for Life Sciences (E1CHE001C)

<b>Introduction</b>	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.
<b>Programme Type / Level</b>	Chemistry Course (Level I) ( <a href="#">Token-required</a> )
<b>Instructor(s)</b>	Dr YUE Ying Kit Patrick
<b>Pre-requisite</b>	No special prerequisites are needed
<b>Target Participants</b>	<ul style="list-style-type: none"><li>➢ P4 to P6 HKAGE student members</li><li>➢ Class size: 30</li></ul>
<b>Medium of Instruction</b>	Cantonese with English handouts
<b>Certificate</b>	<b>E-Certificate</b> will be awarded to participants who have: <ul style="list-style-type: none"><li>❖ Attended <b>3 sessions</b>; <b>AND</b></li><li>❖ Completed all the assignments with <b>satisfactory performance</b></li></ul>
<b>Intended Learning Outcomes</b>	Upon completion of the programme, participants should be able to: <ol style="list-style-type: none"><li>1. explain the roles of biomolecules in;</li><li>2. explain how the biomolecules' structures are related to their functions;</li><li>3. conduct a basic biochemical and chemical analysis on nucleic acid, protein-based materials or other materials;</li><li>4. demonstrate the applications of learnt knowledge and skills to improve daily life experience through the reflection of experience in the discussion;</li><li>5. appreciate the collaboration of each individual and small parties.</li></ol>
<b>Application Procedure</b>	<b><u>This programme is Programmes with No Screening</u></b> There are no screening questions, written test or other screening methods for this type of programmes. <ul style="list-style-type: none"><li>● Student members can select up to 5 programmes from a list of selection. Applicants have to state the priority when submitting the application. (1<sup>st</sup> priority, 2<sup>nd</sup> priority, 3<sup>rd</sup> priority, etc). 1 token is required for each programme (For programme list, please refer to the issue 22 of Gifted Gateway (<a href="#">click here</a>));</li><li>● The application can only be submitted once. After submission of the application, the programme selection and the priority cannot be changed;</li><li>● 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 1<sup>st</sup> priority from the application. The choices of 2<sup>nd</sup> and 3<sup>rd</sup> priority will remain unchanged with no promotion in priority).</li><li>● 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;</li><li>● Student members should avoid applying programmes with time clash;</li><li>● The decision of HKAGE on the result of selection should be final.</li></ul>

Application

**23 Apr 2021 12:00 n.n**

Application Result Release Date

**30 Apr 2021**

Deadline

If student members withdraw from the programme after the Application Deadline, the token will be deducted.

## Schedule

Session	Date	Time	Venue
1	29 Jul	9:00 a.m. – 12:00 n.n.	Physics Lab (4/F, Main Building) Buddist Kok Kwong Secondary School
2		1:00 p.m. – 4:00 p.m.	
3	30 Jul	9:00 a.m. – 12:00 n.n.	
4		1:00 p.m. – 4:00 p.m.	

# Sha Kok Estate, Shatin ([Map](#))

## Enquiries

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

**SCIENCES**

科學