



# Science of Sherlock Holmes (E1STM003C)

<b>Introduction</b>	<p>You may have watched the famous TV series CSI but do you really understand the science behind it?</p> <p>In this programme, you will learn more about forensic science including autopsy, DNA analysis, fingerprint analysis, toxic analysis, ballistic analysis, fiber analysis and cryptography etc.</p> <p>You will probably be the next Sherlock Holmes.</p>
<b>Programme Type / Level</b>	Daily Science – Forensic Science Course (Level I) ( <a href="#">Token-required</a> )
<b>Instructor(s)</b>	Mr. Felix Tse, Science World Limited
<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 only in 2020/21 school year</li><li>➤ Class size: 30</li><li>➤ Priority will be given to students who have completed SCIP2321 (E1STM002C) Forensic Science Course (Level 1): Crime Scene Investigation</li></ul> <p>This programme is the same as Daily Science - Forensic Science Course (Level 1): Science of Sherlock Holmes (SCIP2322) in 2019/20 school year.</p>
<b>Medium of Instruction</b>	Cantonese with Chinese handouts
<b>Certificate</b>	<p><b>E-Certificate</b> will be awarded to participants who have:</p> <ul style="list-style-type: none"><li>❖ Attended <b>at least 3 sessions; AND</b></li><li>❖ Completed all the assignments with <b>satisfactory performance</b></li></ul>
<b>Intended Learning Outcomes</b>	<p>Upon completion of the programme, participants should be able to:</p> <ol style="list-style-type: none"><li>1. explain the basic scientific theories behind crime scene investigation methods, such as autopsy, DNA analysis, fingerprint analysis, dental forensics, bloodstain analysis, handwriting analysis, footprint analysis, facial reconstruction, cryptography, fiber analysis, forensic ballistics, toxic analysis;</li><li>2. analyse sample evidence with careful observation, logical thinking and problem solving skills;</li><li>3. design an investigation to solve one simulated criminal case with the learned knowledge and skills;</li><li>4. describe the preparation and requirement for a forensic scientist.</li></ol>
<b>Application Procedure</b>	<p><b><u>This programme is Programmes with No Screening</u></b></p> <p>There are no screening questions, written test or other screening methods for this type of programmes.</p> <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 21 of Gifted Gateway (<a href="#">click here</a>));</li><li>● Application can only be submitted once. Once it is submitted, the priority and the programme selection 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</li></ul>

applied programme and other programmes with offer, HKAGE will consider if the application will be accepted;

- Priority will be given to student members who have not completed the applied programmes;
- Student members should avoid applying programmes with time clash;
- The decision of HKAGE on the result of selection should be final.

Application

**22 Jan 2021 12:00 n.n** Application Result Release Date **29 Jan 2021**

Deadline

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

Schedule

Session	Date	Time	Venue	Venue
1	20 Mar	9:00 a.m. – 12:00 n.n.	<del>(Rm 27) Buddhist Kok Kwong Secondary School#</del>	<b>Zoom meeting</b>
2		1:00 p.m. – 4:00 p.m.	<del>(Rm 28) Buddhist Kok Kwong Secondary School#</del>	
3	27 Mar	9:00 a.m. – 12:00 n.n.	<del>(Rm 27) Buddhist Kok Kwong Secondary School#</del>	
4		1:00 p.m. – 4:00 p.m.	<del>(Rm 28) Buddhist Kok Kwong Secondary School#</del>	

# Sha Kok Estate, Shatin, N.T., Hong Kong ([Map](#))

Enquiries

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

SCIENCES

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