



# Open Up Your Mind 2 (MATP2912)

<b>Introduction</b>	<p>Sequence and probability are frequently encountered in daily life. How are these mathematical topics related to us?</p> <p>This course aims to give students a better understanding of sequence and probability. Students will be given some insights into the practicality and power of mathematics through various application and problem-solving examples, as well as several mathematical activities. This programme is co-organized with China Holiness Church Living Spirit College.</p>		
<b>Programme Type / Level</b>	<p>Across Domains and Interdisciplinary Course (Level 1) (<a href="#">Token-required</a>)</p>		
<b>Instructor(s)</b>	<p>Mr Wong Pak-hei and Mr Li Siu Hong (Mathematics Teachers of China Holiness Church Living Spirit College)</p>		
<b>Pre-requisite</b>	<p>Students must have a basic understanding of directed number, index, solving equation and functions.</p>		
<b>Target Participants</b>		<ul style="list-style-type: none"> <li>➤ P4 to P6 HKAGE student members</li> <li>➤ Class size: 30</li> <li>* <b>Student members who completed “ Open up your mind 1 (MATP1911)” are suggested to apply.</b></li> <li>* <b>Priority will be given to student members who are awarded Certificate of Distinction or Certificate of Merit in “ Open up your mind 1 (MATP1911)”.</b></li> </ul>	
<b>Medium of Instruction</b>		<p>Cantonese with Chinese handouts</p>	
<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 ALL</b> sessions AND</li> <li>❖ completed all the assignments with satisfactory performance.</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. explore the application of sequences, golden ratio and probability in daily life;</li> <li>2. use appropriate mathematical expressions to generalise and explain daily life problems;</li> <li>3. critically reflect the meaning of sequences and probability in both verbal and written forms using mathematics.</li> </ol>	
<b>Screening</b>		<p>Please answer the screening question in the online application form.</p> <p>*The screening question is designed to help the applicant understands the course level and the course content. The question must be answered by the student applicant and it can only be attempted once. The answer cannot be changed once the application is submitted. Selection is based on students' performance in answering the question. Only students who can demonstrate motivation and the knowledge of Algebra in the screening question can be enrolled in the programme.</p>	
<b>Application Deadline</b>	<p><del>11 May 2020, 12 n.n.</del> (1st batch)</p> <p><del>1 Jun 2020, 12:00 n.n.</del> (2<sup>nd</sup> batch)</p> <p>8 Jun 2020, 12:00 n.n. (3<sup>rd</sup> batch)</p>		<p><b>Application Result Release Date</b></p> <p>9 Jun, 2020 12 Jun, 2020</p>

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

## Schedule



Session	Date	Time	Venue
1	11 Jul <b>28-Dec-2020</b> <b>(Cancelled)</b>	9:30 a.m. — 12:30 p.m. <b>2:00 p.m. — 6:00 p.m.</b>	China Holiness Church- Living Spirit College* Rm 201
2	11 Jul <b>29-Dec</b> <b>(Cancelled)</b>	1:30 p.m. — 4:30 p.m. <b>2:00 p.m. — 6:00 p.m.</b>	
3	18 Jul <b>30-Dec</b> <b>(Cancelled)</b>	9:30 a.m. — 12:30 p.m. <b>2:00 p.m. — 6:00 p.m.</b>	
4	18 Jul	1:30 p.m. — 5:30 p.m. #	

# 4:30 pm – 5:30pm: Certificate Award Ceremony **(Cancelled)**

\*Address: 1 Tung Leung Lane, Tai Po ([Map](#))

## Sample Example for the Programme

### 費氏數列

我們來研究一個有趣的數列：  
現在我們有一對剛出世的BB兔子，並有3個假設

A. 假設剛出生的幼兔經過一個月就可以發育成成熟的兔子。

B. 假設每一對成熟的兔子每一個月可以繁殖出一對幼兔。(一雌一雄)

C. 假設每一隻兔子都不會死亡。



那麼數個月後，我們會有多少對兔子？







## Enquiries



For enquiries, please contact us at 3940 0101 after language selection, press "1".

# MATHEMATICS

# 數學