



Big History and Sustainability

(E2BHC001C)

Introduction

Big History, originally introduced by Prof David Christian, is an emerging framework explaining our present world from the Big Bang to the Anthropocene through the perspective of astrophysics, cosmology, chemistry, geology, biology, archeology, anthropology, and many other disciplines in one single unified and thematic subject. Such a multi- and inter-disciplinary platform tries to provide an evidence-based scientific narrative of the evolutionary changes, which allows us to think beyond the disciplinary boundaries and lays down a foundation for us to ponder future challenges and opportunities.

Programme Type / Level

Big History Course (Level II) ([Token-required](#))

Instructor(s)

Mr WONG Wai Hin

Pre-requisite

No special prerequisites are needed

Target Participants

- S1 – S6 HKAGE student members
- Class size: 30
- Priority will be given to student members who have not participated in Big History and Collective Learning before.

This programme is the same as Advanced Course: Big History and Sustainability (BHCL/001/C) in 19/20 school year.

Medium of Instruction

English with English handouts

Certificate

E-Certificate will be awarded to participants who have:

- ~~❖ Attended at least 4 sessions; AND~~
- ~~❖ Completed all the assignments with satisfactory performance~~
- ❖ **Attended at least 3 Video Nights and 4 Lecture & Discussion sessions; AND**
- ❖ **Completed all the assignments and assessments with satisfactory performance.**

Intended Learning Outcomes

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

1. provide students with a macroscopic and zoomable perspective to understand our world;
2. develop students' multi- and inter-disciplinary thinking;
3. investigate the role of human, science and our modern world;
4. critically examine concepts of sustainability and interconnectedness of things.

Screening

Please answer the screening question in the online application form.

*The screening question is designed to help the applicant understand 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 basic knowledge of Sustainability in the screening question can be enrolled in the programme.

Application Deadline

1st batch: 25 Jan 2021
2nd batch: 8 Feb 2021

Application Result Release Date

1st batch: 29 Jan 2021
2nd batch: 11 Feb 2021

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

Schedule

Session	Date	Time	Venue
1	20 Feb	9:00 a.m. – 1:00 p.m.	Hong Kong University of Science and Technology (Classroom to be confirmed)
2	27 Feb		
3	6 Mar		
4	13 Mar		
5	30 Mar		

Session	Date	Time	Venue
Lecture & Discussion 1	20 Feb (Sat)	10:00 a.m. – 12:00 noon	Hong Kong University of Science and Technology (Classroom to be confirmed) Zoom Meeting
Video Night 1	26 Feb (Fri)	5:00 p.m. – 6:00 p.m.	
Lecture & Discussion 2	27 Feb (Sat)	10:00 a.m. – 12:00 noon	
Video Night 2	5 Mar (Fri)	5:00 p.m. – 6:00 p.m.	
Lecture & Discussion 3	6 Mar (Sat)	10:00 a.m. – 12:00 noon	
Video Night 3	12 Mar (Fri)	5:00 p.m. – 6:00 p.m.	
Lecture & Discussion 4	13 Mar (Sat)	10:00 a.m. – 12:00 noon	
Video Night 4	19 Mar (Fri)	5:00 p.m. – 6:00 p.m.	
Lecture & Discussion 5	20 Mar (Sat)	10:00 a.m. – 12:00 noon	

Enquiries

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