

**The Student Training Course for 18th International Junior Science
Olympiad (IJSO)**

第十八屆國際初中科學奧林匹克訓練課程

Phase I: Programme Outline (SCIS2311)

| Session | Date | Time | Topic | Mode of Delivery | Instructor(s) | Venue |
|------------------|-----------|-------------|---|-------------------|----------------|--------------|
| Chemistry | | | | | | |
| 1 | 07 Nov 20 | 09:30-12:30 | Atoms, Molecules and Bonding | Lecture /Tutorial | Dr Kendrew MAK | Zoom Meeting |
| 2 | 14 Nov 20 | 09:30-12:30 | Molecular Geometry and Chemical Periodicity | Lecture /Tutorial | Dr Kendrew MAK | |
| 3 | 21 Nov 20 | 09:30-12:30 | Solid, Liquid and Gases (1) | Lecture | Dr YS CHEUNG | |
| 4 | 28 Nov 20 | 09:30-12:30 | Solid, Liquid and Gases (2) | Lecture | Dr YS CHEUNG | |
| 5 | 05 Dec 20 | 09:30-12:30 | Acid Base Chemistry | Lecture | Dr WF CHAN | |
| Biology | | | | | | |
| 6 | 12 Dec 20 | 09:30-10:00 | Module Test (1) | Test | Dr KM LEUNG | CUHK (TBC) |
| | | 10:00-12:30 | Survival in the Environment | Lecture | | |
| 7 | 19 Dec 20 | 09:30-12:30 | How Life Begins (Reproduction) (1) | Lecture | Dr KM LEUNG | |
| 8 | 02 Jan 21 | 09:30-12:30 | How Life Begins (Reproduction) (2) | Lecture /Tutorial | Dr KM LEUNG | |
| 9 | 09 Jan 21 | 09:30-12:30 | Cycles in Nature (1) | Lecture | Ms SF CHIU | |
| 10 | 16 Jan 21 | 09:30-12:30 | Cycles in Nature (2) | Lecture /Tutorial | Ms SF CHIU | |
| Physics | | | | | | |
| 11 | 23 Jan 21 | 09:30-10:00 | Module Test (2) | Test | Dr LM LIN | CUHK (TBC) |
| | | 10:00-12:30 | Pushes and Pulls (1) | Lecture | | |
| 12 | 30 Jan 21 | 09:30-12:30 | Pushes and Pulls (2) | Lecture /Tutorial | Dr LM LIN | |
| 13 | 6 Feb 21 | 09:30-12:30 | "Space" Studying the Universe (1) | Lecture | Dr LM LIN | |
| 14 | 20 Feb 21 | 09:30-12:30 | "Space" Studying the Universe (2) | Lecture /Tutorial | Dr LM LIN | |
| 15 | 27 Feb 21 | 09:30-12:30 | Mathematics Ability (1) | Lecture | Dr KM CHENG | |
| 16 | 06 Mar 21 | 09:30-12:30 | Mathematics Ability (2) | Lecture /Tutorial | Dr KM CHENG | |
| 17 | 13 Mar 21 | 09:30-11:30 | Phase Test (1) | Test | Dr YS CHEUNG | CUHK (TBC) |

Remarks:

- 1) The sessions will be conducted in either one of the following two ways:
 - (i) through an online platform – Zoom Meeting; or
 - (ii) as face-to-face classes in the Chinese University of Hong Kong (CUHK) – to be confirmed (TBC) later.
- 2) Certificates will be issued to students who have 70% or above attendance rate (i.e. at least 12 out of 17 sessions in Phase I) AND satisfactory performance in assessment.

- (i) For Zoom Meeting: Students' attendance will be recorded by a tutor of CUHK.
- (ii) For face-to-face classes: Students must sign on the attendance sheet. If a trainer does not remind students to sign in class, they should make the request. It is students' responsibility to take the initiative to sign. The signature on the attendance sheet is the only acceptable proof of attendance. Ticking on the attendance sheet or any other evidence (e.g. selfie in classroom with whoever, having talked with trainer) will NOT be accepted as proof of attendance.

Regarding attendance and leave policy, please click [here](#).

- 3) Phase I students who have been promoted to Phase II previously can choose to attend the lectures at their own discretion. They must notify HKAGE (by sending email to ijsohkscreening@hkage.org.hk before 7 Nov 2020) with evidence (e.g. HKAGE learning record) showing that they were in Phase II before. However, they still need to attend all module tests and phase test.
- 4) The assessment consists of
 - Module Test (1) ----- 20%
 - Module Test (2) ----- 20%
 - Phase Test (1) ----- 60%(Arrangement to be confirmed)
Promotion to Phase II: Around 15 students based on the total assessment score and attendance requirement described in (2).
- 5) None of the assessment will be rescheduled after announcement of the official schedule.
- 6) Special arrangements are ONLY considered for students who are not able to join the scheduled assessment if
 - (i) they are representing Hong Kong (or potentially will represent HK) to participate in some international competitions, or in some screening processes which are related to those international competitions, AND
 - (ii) those competitions are organized by EDB (gifted education) or HKAGE, AND
 - (iii) those competitions are recognized by both EDB and HKAGE as legitimate for granting special arrangement.
- 7) No attendance exemption is granted due to any reasons (such as illness, participation of important events/ competitions/examinations).
- 8) If student cannot attend a class, he/she should send an absence notice to HKAGE in advance. Note that such a notice is not equivalent to absence application nor attendance exemption since, according to (7), there is no attendance exemption.
- 9) The decision of IJSO-HK Screening Steering Committee shall be final and conclusive.
- 10) Phase II training: Apr 2021 - Jun 2021 (tentative)
(Phase II Selection Result Announcement Date: 25 Mar 2021 (tentative))
Phase III training: Jul 2021- Nov 2021 (tentative)
(Phase III Selection Result Announcement Date: 8 Jul 2021 (tentative))