

**The Student Training Course for 17th International Junior Science  
Olympiad (IJSO)**

第十七屆國際初中科學奧林匹克訓練課程

**Phase II: Programme Outline (SCIS3312)**

| Session   | Date      | Time  | Topic   | Mode of Delivery      | Instructor(s)     | Venue            |
|---|-----------|---|---|-----------------------|-------------------|------------------|
| <b>Physics</b>  |           |   |   |                       |                   |                  |
| 18  | 14 Mar 20 | (Video-recording, online-meeting with students is NOT needed) | Light and Colour (1)                                  | Lecture               | Dr KM CHENG       | Online           |
| 19  |           |   | Light and Colour (2)                                  |                       |                   |                  |
| 20  | 21 Mar 20 |   | Energy (1)  |                       | Dr PK LEUNG       |                  |
| 21  |           |   | Energy (2)  |                       |                   |                  |
| 22  | 28 Mar 20 |   | Batteries and Bulbs (1)                               |                       | Dr PK LEUNG       |                  |
| 23  |           |   | Batteries and Bulbs (2)                               |                       |                   |                  |
| <b>Biology</b>  |           |   |   |                       |                   |                  |
| 24  | 4 Apr 20  | (Video-recording, online-meeting with students is NOT needed) | Disease (1)   | Lecture               | Ms SF CHIU        | Online           |
| 25  |           |   | Disease (2)   |                       |                   |                  |
| 26  | 11 Apr 20 |   | Keep Healthy (1)                                      |                       | Dr KM LEUNG       |                  |
| 27  |           |   | Keep Healthy (2)                                      |                       |                   |                  |
| 28  | 18 Apr 20 |   | Responding (1)  |                       | Ms SF CHIU        |                  |
| 29  |           |   | Responding (2)  |                       |                   |                  |
| 17  | 3 May 20  | 10:30-12:00   | Phase Test (1): for contents covered in Sessions 1-16 | Test<br>(Online Mode) | Dr YS CHEUNG      | Online           |
| <b>After Phase Test (1), ONLY selected students are eligible for the remaining lessons in Phase II.</b> |           |   |   |                       |                   |                  |
| <b>Chemistry</b>  |           |   |   |                       |                   |                  |
| 31  | 30 May 20 | 14:00-17:00   | Atomic Quantum Model and Molecular Geometry           | Lecture /Tutorial     | Dr Kendrew<br>MAK | Online*          |
| 32  | 6 Jun 20  | 09:30-12:30   | Organic Chemistry (1)                                 | Lecture               |                   |                  |
| 33  |           | 14:00-17:00   | Organic Chemistry (2)                                 | Lecture               |                   |                  |
| 34  | 13 Jun 20 | 14:00-17:00   | Chemical Reactivity and Qualitative Analysis          | Lecture               | Dr YS CHEUNG      | Rm 303,<br>HKAGE |
| 30  | 20 Jun 20 | 14:00-17:00   | Biology Group Project                                 | Workshop/Tutorial     | Ms SF CHIU        | Rm 303,<br>HKAGE |
| 35  | 20 Jun 20 | (Video-recording, online-meeting with students is NOT needed) | Chemistry Lab (1)                                     | Lab Demo              | Dr YS CHEUNG      | ----             |

|    |           |             |   |          |              |               |
|----|-----------|-------------|---|----------|--------------|---------------|
| 36 | 27 Jun 20 | 10:30-12:30 | Phase Test (2): for contents covered in Sessions 18-29, 31-35 | Test     | Dr YS CHEUNG | Rm G05, HKAGE |
| 37 |           | 14:00-16:00 | Affective Support   | Activity | HKAGE Staff  | Rm 204, HKAGE |

\* Online classes on 30 May 20 and 6 Jun 20:

- They are conducted with Zoom Meeting.
- Students need to turn their 'Video' ON.
- Lecture content will be recorded for students to review. But the parts of students' video will be removed in the final video clips.

Updated on 4 June 2020

Remarks:

- 1) Certificate for Phase II Training will ONLY be issued to those students who are selected from Phase I to Phase II (subject to their performance in Phase Test (1) and Module Test (1)). For HKAGE members, only the students who are selected will have a learning record in their Student Learning Profile.
- 2) Students will not be promoted to next phase if they do not attend **at least 3 sessions in Sessions 30-34 in Phase II.**
- 3) Students may not be promoted to next phase if they do not attend the Affective Support session.
- 4) The learning attitude and in-class behaviour of student, collaboration with others in the training programme will be under consideration in the selection process.
- 5) The assessment consists of
  - Biology Group Project ----- **20%**  
**(Students are pre-assigned in groups. They need to complete out-of-class project before 20 Jun 20 and present on 20 Jun 20. Instructions will be given about 3 weeks before 20 Jun 20.)**
  - Phase Test (2) ----- **80%**
- 6) Only **selected lecture materials** will be uploaded to Google Drive 4-8 working days after the lecture.
- 7) Special arrangements are ONLY considered for a student who is not able to join the Phase Test (2) 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 the EDB (gifted education) or the HKAGE, AND
  - (iii) those competitions are recognized by both EDB and HKAGE as legitimate for granting special arrangement.

The IJSO HK Screening Steering committee will make the final decision whether to approve a special arrangement or not.
- 8) No attendance exemption is granted due to any reasons (such as illness, participation of important events/ competitions/examinations).
- 9) If a 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 (8), there is no attendance exemption. The notice is to enable the teacher to have better arrangement of the lesson.
- 10) The decision of IJSO HK Screening Steering committee shall be final and conclusive.
- 11) Phase III training: July 2020 - Nov 2020 (tentative)  
(Result announcement date: **17 July 2020** (tentative))