THE UNIVERSITY OF HONG KONG  
DEPARTMENT OF EARTH SCIENCES

MSc in the field of Applied Geosciences & Postgraduate Diploma in Earth Sciences
Draft General Teaching Timetable 2019-20

Read the Notes very carefully

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<th>Monday</th>
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<tr>
<td>GEOS8101 (7:00 – 9:45pm, Week 1-3) JL314A</td>
<td>GEOS8001 (7:00 – 9:45pm, Week 1-6) JL314A</td>
<td>GEOS8003 (7:00 – 9:45pm, Week 8-14) JL104</td>
<td>GEOS7020 (7:00 – 9:45pm, Week 1-3) JL314A</td>
<td>GEOS8204 (7:00 – 9:45pm, Week 2-7) JL314A</td>
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Semester II

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<th>Monday</th>
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<tr>
<td>GEOS8102 (7:00 – 9:45pm, Week 1-6, 9-14) JL314A</td>
<td>GEOS8020 (7:00 – 9:45pm, 15 Jan 2020) JL314A</td>
<td>GEOS8021 (7:00 – 9:45pm, Week 2, 10) JL105</td>
<td>GEOS7020 (7:00 – 9:45pm, Week 1-3, 6-12, 14) JL314A</td>
<td>GEOS7033* (7:00 – 9:45pm, Week 2-14) HOCC32</td>
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GEOS7020, GEOS7021*, GEOS7022 and GEOS8020 will be timetabled separately (1 Sep 2019 – 22 Aug 2020)

GEOS8002, GEOS8003, GEOS8101, GEOS8102 are second year courses for part-time students.

* Occasional meetings scheduled on Saturdays or Sundays for field trips & site visits
Δ For Graduates in Geology / Earth Sciences + For non-Geologists
* Graduates in Civil Engineering are not allowed to take this course for credits
# core course in HKIE theme and may be chosen as an elective course by EG theme students with a first degree in Civil Engineering
Notes:

1. This is a general timetable. Students should make their own timetables using this general timetable.

2. Students are responsible for ensuring they complete all the core courses to fulfil the requirement of graduation.

3. Programme credit requirement: MSc EG theme 66 credits, HKIE theme 69 credits.

4. Part-time students are expected to take courses worth at least 15 credits per semester (MSc).

5. **Engineering Geology theme (EG theme):**

   Core courses for 2019 intake students with a first degree in Geology or a related subject:
   GEOS7011, 7012, 7015, 7016, 7020, 8001, 8002, 8003, 8020, 8021, 8101, 8102, 8104, 8204 – 66 credits.
   Course GEOS7022 may be substituted for course GEOS8204.

   Core courses for students with a first degree in Civil Engineering:
   GEOS7010, 7015, 7020, 7021, 7033, 8001, 8002, 8003, 8020, 8101, 8102 – 63 credits.

   Core courses for students whose first degree is not in Geology or a related subject, or Civil Engineering:
   GEOS7010, 7015, 7016, 7020, 7021, 7033, 8001, 8002, 8003, 8020, 8101, 8102 – 66 credits.

6. **Engineering Geology with HKIE Approved Courses theme (HKIE theme):**

   All courses are core courses for all students: GEOS7012, 7015, 7016, 7020, 7024, 8001, 8002, 8003, 8020, 8101, 8102, 8204, 8205, 8206 – 69 credits.

7. **GEOS8101 course enrolment and examination:**

   Full-time students: enroll in semester II, examination in semester II; classes start in semester I
   Part-time students: enroll in semester I, examination in semester I

8. Teaching takes place during Reading Week.

9. This timetable may be superseded by timetables issued for individual courses.

10. All references to weeks refer to teaching weeks.

11. **List of courses:**

    - GEOS7010 Geology principles and practice (6 credits)
    - GEOS7011 Advanced geology of Hong Kong (6 credits)
    - GEOS7012 Site investigation and engineering geological techniques (6 credits)
    - GEOS7015 Rock mechanics (3 credits)
    - GEOS7016 Soil mechanics (3 credits)
    - GEOS7020 Project I (6 credits)
    - GEOS7021 Geological fieldwork I (3 credits)
    - GEOS7022 Course of directed studies (3 credits)
    - GEOS7024 Management (3 credits)
    - GEOS7033 Geology of Hong Kong (6 credits)
    - GEOS8001 Hydrogeology (3 credits)
    - GEOS8002 Professional practice in applied geosciences (3 credits)
    - GEOS8003 Seminars on unforeseen ground conditions, geotechnical and environmental failures (3 credits)
    - GEOS8020 Project II (12 credits)
    - GEOS8021 Geological fieldwork II (3 credits)
    - GEOS8101 Engineering geology and geotechnical design (6 credits)
    - GEOS8102 Rock engineering and geomaterials (6 credits)
    - GEOS8104 Natural hillside landslide and hazard studies (3 credits)
    - GEOS8204 Basic structural mechanics and behaviour (3 credits)
    - GEOS8205 Mathematics I (6 credits)
    - GEOS8206 Mathematics II (6 credits)

12. In the event of adverse weather, please refer to http://www.exam.hku.hk/A_4.htm for cancellation of class arrangements.

13. Students are expected to attend all classes.