

The design of the curriculum of the Engineering Geology theme **(part-time)** for Geologists 2022-24

| term | Mechanics | Engineering | Integrated studies | Geology | |
|--------------------------------|--|--------------------------------------|--|----------------------------------|---------|
| 4 th & Summer | | Rock engineering GEOS8102 | Dissertation project GEOS8020 Seminars GEOS8003 | | 15 |
| 3 rd | | Geotechnical engineering GEOS8101 | Prof practice GEOS8002 Dissertation project GEOS8020 | Landslide studies GEOS8104 | 18 |
| 2 nd & Summer | Structures GEOS8204 | Site investigation GEOS7012 | Dissertation project GEOS7020 (6 credits counted for 2 nd and summer semester) | Geological Fieldwork GEOS8021 | 18 |
| 1 st | Rock & Soil mechanics GEOS7015 GEOS7016 Hydrogeology GEOS8001 | | | Geology of HK GEOS7011 | 15 |
| | 12 | 18 | 24 | 12 | credits |

66 credits core courses

The design of the curriculum of the Engineering Geology theme **(part-time)** for non-Geologists 2023-25

| term | Mechanics | Engineering | Integrated studies | Geology | |
|--------------------------------|--|--------------------------------------|--|---|---------|
| 4 th & Summer | | Rock engineering GEOS8102 | Dissertation project GEOS8020 Seminars GEOS8003 | | 15 |
| 3 rd | | Geotechnical engineering GEOS8101 | Prof practice GEOS8002 Dissertation project GEOS8020 | | 15 |
| 2 nd & Summer | | Site investigation GEOS7012 | Dissertation project GEOS7020 (6 credits counted for 2 nd and summer semester) | Geology of HK GEOS7033 | 18 |
| 1 st | Rock & Soil mechanics GEOS7015 GEOS7016 Hydrogeology GEOS8001 | | | Geology GEOS7010 Geological Fieldwork GEOS7021 | 18 |
| | 9 | 18 | 24 | 15 | credits |

66 credits core courses

The design of the curriculum of the Engineering Geology theme **(full-time)** for non-Geologists

| term | Mechanics | Engineering | Integrated studies | Geology | |
|-----------------|--|---|---|---|---------|
| Summer | | | Dissertation project GEOS8020 | | 6 |
| 2 nd | | Rock engineering GEOS8102 Site investigation GEOS7012 Geotechnical engineering GEOS8101 (part 2) (3) | Dissertation project GEOS8020 Seminars GEOS8003 | Geology of HK GEOS7033 | 30 |
| 1 st | Rock & Soil mechanics GEOS7015 GEOS7016 Hydrogeology GEOS8001 | Geotechnical engineering GEOS8101 (part 1) (3) | Dissertation project GEOS7020 Prof practice GEOS8002 | Geology GEOS7010 Geological Fieldwork GEOS7021 | 30 |
| | 9 | 18 | 24 | 15 | credits |

66 credits core courses

The design of the curriculum of the Engineering Geology with HKIE Approved Courses theme (**part-time**)

| term | Mechanics | Engineering | Integrated studies | Maths and management | |
|--------------------------------|--|--------------------------------------|--|---|---------|
| 4 th & Summer | | Rock engineering GEOS8102 | Dissertation project GEOS8020 Seminars GEOS8003 | Mathematics II GEOS8206 | 21 |
| 3 rd | Hydrogeology GEOS8001 | Geotechnical engineering GEOS8101 | Prof practice GEOS8002 Dissertation project GEOS8020 | | 18 |
| 2 nd & Summer | Structures GEOS8204 | Site investigation GEOS7012 | Dissertation project GEOS7020 (6 credits counted for 2 nd and summer semester) | | 15 |
| 1 st | Rock & Soil mechanics GEOS7015 GEOS7016 | | | Mathematics I GEOS8205 Management GEOS7024 | 15 |
| | 12 | 18 | 24 | 15 | credits |

69 credits core courses

The design of the curriculum of the Engineering Geology with HKIE Approved Courses theme **(full-time)**

| term | Mechanics | Engineering | Integrated studies | Maths and management | |
|-----------------|--|--|---|---|---------|
| Summer | | | Dissertation project GEOS8020 | | 6 |
| 2 nd | Structures GEOS8204 | Rock engineering GEOS8102 Site investigation GEOS7012 Geotechnical engineering GEOS8101 (3 credits) | Dissertation project GEOS8020 Seminars GEOS8003 | Mathematics II GEOS8206 | 33 |
| 1 st | Rock & Soil mechanics GEOS7015 GEOS7016 Hydrogeology GEOS8001 | Geotechnical engineering GEOS8101 (3 credits) | Dissertation project GEOS7020 Prof practice GEOS8002 | Mathematics I GEOS8205 Management GEOS7024 | 30 |
| | 12 | 18 | 24 | 15 | credits |

69 credits core courses