

The design of the curriculum of the Engineering Geology theme (part-time)

Revised 28.8.19

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

* Civil engineering graduates may not take this course for credits. GEOS7024 Management may be chosen as the 3-credit elective (semester 1).

66 credits core courses (for non-Geologists)

The design of the curriculum of the Engineering Geology theme (full-time)

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	33
1 st	Rock and *Soil mechanics GEOS7015 GEOS7016	Geotechnical engineering GEOS8101 (part 1) (3)	Dissertation project GEOS7020 Prof practice GEOS8002	Geology GEOS7010 Geological Fieldwork GEOS7021	27
	12	18	24	12	credits

* Civil engineering graduates may not take this course for credits

66 credits core courses (for non-Geologists)

Any internship is not taken for credits

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

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

69 credits core courses

No civil engineering graduates.

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

term	Mechanics	Engineering	Integrated studies	Maths and management	
Summer			Dissertation project GEOS8020		6
2 nd	Structures GEOS8204 Hydrogeology GEOS8001	Rock engineering GEOS8102 Site Investigation GEOS7012 Geotechnical engineering GEOS8101 part 2	Dissertation project GEOS8020 Seminars GEOS8003	Mathematics II GEOS8206	36
1 st	Rock & Soil mechanics GEOS7015 GEOS7016	Geotechnical engineering GEOS8101 part 1	Dissertation project GEOS7020 Prof practice GEOS8002	Mathematics I GEOS8205 Management GEOS7024	27
	12	18	24	15	credits

69 credits core courses

No civil engineering graduates.