

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 **(full-time)** for Geologists 2022-23

term	Mechanics	Engineering	Integrated studies	Geology	
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	Geological Fieldwork GEOS8021	30
1 st	Rock & Soil mechanics GEOS7015 GEOS7016 Hydrogeology GEOS8001	Geotechnical engineering GEOS8101 (3 credits)	Dissertation project GEOS7020 Prof practice GEOS8002 Management GEOS7024	Geology of HK GEOS7011	30
	12	18	27	9	credits

66 credits core courses

The design of the curriculum of the Engineering Geology theme **(part-time)** for non-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		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 2022-23

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)** 2022-24

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