

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

term	Mechanics	Engineering	Integrated studies	Geology	
4 <sup>th</sup>		Rock engineering GEOS8102	Dissertation project GEOS8020 (9) Seminars GEOS8003		18
3 <sup>rd</sup>		Geotechnical engineering GEOS8101	Prof practice GEOS8002 Dissertation project GEOS8020 (3)	Landslide studies GEOS8104	15
2 <sup>nd</sup>	Structures GEOS8204 Hydrogeology GEOS8001	Site investigation GEOS7012	Dissertation project GEOS7020	Geological Fieldwork GEOS8021	18
1 <sup>st</sup>	Rock & Soil mechanics GEOS7015 GEOS7016			Geology of HK GEOS7011	15
	12	18	24	12	credits

66 credits core courses (for 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 <sup>nd</sup>	Hydrogeology GEOS8001  *Structures GEOS8204	Rock engineering GEOS8102 Site investigation GEOS7012 Geotechnical engineering GEOS8101 (part 2) (3)	Dissertation project GEOS8020  Seminars GEOS8003	Geological Fieldwork GEOS8021	33
1 <sup>st</sup>	Rock & Soil mechanics GEOS7015 GEOS7016	Geotechnical engineering GEOS8101 (part 1) (3)	Dissertation project GEOS7020 Prof practice GEOS8002	Landslide studies GEOS8104 Geology of HK GEOS7011	27
	12	18	24	12	credits

\* or Directed Studies GEOS7022

66 credits core courses (for Geologists)

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

term	Mechanics	Engineering	Integrated studies	Maths and management	
4 <sup>th</sup>		Rock engineering GEOS8102	Dissertation project GEOS8020 Seminars GEOS8003	Mathematics II GEOS8206	21
3 <sup>rd</sup>		Geotechnical engineering GEOS8101	Prof practice GEOS8002 Dissertation project GEOS8020		15
2 <sup>nd</sup>	Structures GEOS8204 Hydrogeology GEOS8001	Site investigation GEOS7012	Dissertation project GEOS7020		18
1 <sup>st</sup>	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 for Geologists (full-time)

term	Mechanics	Engineering	Integrated studies	Maths and management	
Summer			Dissertation project GEOS8020		6
2 <sup>nd</sup>	Hydrogeology GEOS8001  Structures GEOS8204	Rock engineering GEOS8102 Site investigation GEOS7012 Geotechnical engineering GEOS8101 (3)	Dissertation project GEOS8020  Seminars GEOS8003	Mathematics II GEOS8206	36
1 <sup>st</sup>	Rock & Soil mechanics GEOS7015 GEOS7016	Geotechnical engineering GEOS8101 (3)	Dissertation project GEOS7020 Prof practice GEOS8002	Mathematics I GEOS8205 Management GEOS7024	27
	12	18	24	15	credits

69 credits core courses