

Stockholm University, Department of geological sciences					2022-03-09		VT22
Course leader: Richard Gyllencreutz (RG)					F = Lecture		
Other teachers: Joakim Mansfeld (JM)					Exe = Exercise		
GG7025 Terrestrial geophysics 7,5 hp (master level)							
Date	Start	End	Moment	Type	Teacher	Room	
Tue 22/3	10:15	12:00	Geophysics - introduction	F	RG + JM	U27	
	13:15	16:00	Excel exercise	Exe	RG	U27	
Wed 23/3	10:15	12:00	Geophysical measurements – gravimetry 1	F	RG	U27	
	13:15	16:00	Gravimetry exercise 1	Exe	RG	U27	
Thu 24/3	10:15	12:00	Geophysical measurements – gravimetry 2	F	RG	U27	
Fri 25/3	10:15	12:00	Gravimetry calculation	Exe	JM	U27	
	13:15	16:00	Gravimetry calculation	Exe	JM	U27	
Mon 28/3	10:15	12:00	Geophysical measurements – magnetometry	F	RG	U27	
	13:15	16:00	Magnetometry classroom exercise	Exe	RG	U27	
Tue 29/3	10:15	12:00	Petrophysical exercise: density & susceptibility	Exe	RG + JM	SLAM	
	13:15	16:00	Petrophysical exercise: density & susceptibility	Exe	RG + JM	SLAM	
Wed 30/3	10:15	12:00	Geophysical measurements – electromagnetic methods	F	JM	Y11	
Thu 31/3	10:15	12:00	Geophysical measurements – electrical methods	F	JM	Y11	
Fri 1/4	10:15	12:00	GIS/map preparation	F	RG	U27	
	13:15	16:00	GIS exercise QGIS - map making basics	Exe	RG	U27	
Mon 4/4	10:15	12:00	Regional geology	F	JM	U27	
	13:15	16:00	GIS exercise QGIS - Reginal geology and geophysics		RG + JM	U27	
Tue 5/4	10:15	12:00	Reflection seismics	F	RG	Y11	
Wed 6/4	10:15	12:00	Refraction seismics	F	JM	Y11	
	13:15	16:00	Exercise in refraction seismic	Exe	JM	Y11	
Thu 7/4	10:15	12:00	Ground penetrating radar	F	RG	Y11	
Fri 8/4	10:15	12:00	GIS exercise QGIS - extra time	Exe	RG	U27	
	13:15	16:00	GIS exercise QGIS - extra time	Exe	RG	U27	
Mon 11/4	10:15	12:00	Gravimetric interpretation and modelling	F	RG	U27	
	13:15	16:00	Exercise in Gravimetric/Magnetometric modelling	Exe	RG	U27	
Tue 12/4	10:15	12:00	Magnetometric interpretation and modelling	F	RG	U27	
	13:15	15:00	Exercise in geophysical interpretation	Exe	RG + JM	U27	
Wed 13/4	10:15	16:00	Instrument exercise - Lawn outside Geo-building	Exe	RG + JM	Field	
EASTER HOLIDAY							
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Tue 19/4	10:15	12:00	Questions & Answers / Repetition		RG + JM	U27	
	13:15	16:00	Extra time if needed		RG + JM	U27	
Wed 20/4	09:00	14:00	Written exam	EXAM		U13	
Thu 21/4			Fieldwork departure to Småland	Field	RG + JM		
Fri 22/4			Fieldwork in Småland	Field	RG + JM		
Sat 23/4			Fieldwork in Småland - note work over Weekend	Field	RG + JM		
Sun 24/4			Fieldwork in Småland - note work over Weekend	Field	RG + JM		
Mon 25/4			Fieldwork in Småland	Field	RG + JM		
Tue 26/4			Fieldwork in Småland, travel home	Field	RG + JM		
Wed 27/4			Report writing				
Thu 28/4			Report writing				
Fri 29/4			Report presentations	Exe	RG + JM	Y11	