Stockholm University, Department of geological sciences 2026-01-23 VT26
Course leader: Richard Gyllencreutz (RG) F = Lecture
Other teachers: Joakim Mansfeld (JM) Exe = Exercise

GG7029 Terrestrial geophysics 7,5 hp (master level)

Date	*Start*	*End*	*Moment*	*Type*	*Teacher*	*Room*
Mon 23/3	10:00	11:45	Geophysics - introduction	F	RG + JM	U27
	13:00	16:45	Basic Excel knowledge exercise	Exe	RG	U27
Tue 24/3	10:00	11:45	Geophysical measurements – gravimetry 1 Basics	F	RG	U27
	13:00	16:45	Gravimetry exercise 1	Exe	RG	U27
Wed 25/3	10:00	11:45	Geophysical measurements – gravimetry 2 Data reduction	F	RG	U27
	13:00	16:45	Reading			
Thu 26/3	10:00	11:45	Gravimetry calculation	Exe	JM	U27
	13:00	16:45	Gravimetry calculation	Exe	JM	U27
Fri 27/3	10:00	11:45	Geophysical measurements – magnetometry	F	RG	U27
	13:00	16:45	Magnetometry classroom exercise	Exe	RG	U27
Mon 30/3	10:00	11:45	Petrophysical exercise: density & susceptibility	Exe	RG + JM	R117
	13:00	16:45	Petrophysical exercise: density & susceptibility	Exe	RG + JM	R117
Tue 31/3	10:00	11:45	Geophysical measurements – electrical methods	F	JM	U27
	13:00	16:45	Reading			
Wed 1/4	10:00	11:45	Geophysical measurements – electromagnetic methods	F	JM	U27
	13:00	16:45	Reading			
Thu 2/4	10:00	11:45	GIS/map preparation	F	RG	U27
	13:00	16:45	GIS exercise QGIS - map making basics	Exe	RG	U27
Fri 3/4			E A S T E R H O L I D A Y			
Mon 6/4			E A S T E R H O L I D A Y			
Tue 7/4	10:00	11:45	Regional geology	F	JM	U27
	13:00	16:45	GIS exercise QGIS - Reginal geology and geophysics		RG + JM	U27
Wed 8/4	10:00	11:45	Reflection seismics	F	RG	U27
	13:00	16:45	Exercise in reflection seismics	Exe	RG	U27
Thu 9/4	10:00	11:45	Refraction seismics	F	JM	U27
	13:00	16:45	Exercise in refraction seismics	Exe	JM	U27
Fri 10/4	10:00	11:45	Other geophysical methods	F	JM	U27
	13:00	16:45	Reading			
Mon 13/4	10:00	11:45	Ground penetrating radar	F	RG	U27
	13:00	16:45	GIS exercise QGIS - extra time	Exe	RG	U27
Tue 14/4	10:00	11:45	Gravimetric interpretation and modelling	F	RG	U27
	13:00	16:45	Exercise in Gravimetric/Magnetometric modelling	Exe	RG	U27
Wed 15/4	10:00	11:45	Magnetometric interpretation and modelling	F	RG	U27
	13:00	15:45	Exercise in geophysical interpretation	Exe	RG + JM	U27
Thu 16/4	10:00	16:45	Instrument exercise - Lawn outside Geo-building	Exe	RG + JM	Field
			- Bring packed lunch			
Fri 17/4	10:00	11:45	Questions & Answers / Repetition		RG + JM	U27
	13:00	16:45	Packing equipment for fieldwork		RG + JM	U27
Mon 20/4			Reading			
Tue 21/4			Reading			
Wed 22/4	09:00	14:45	**Written exam**	EXAM		U13
Thu 23/4			**Fieldwork departure to Småland - See separate info**	practic	RG + JM	Field
Fri 24/4			Fieldwork in Småland	practic	RG + JM	Field
Sat 25/4			Fieldwork in Småland - note work over Weekend	practic	RG + JM	Field
Sun 26/4			Fieldwork in Småland - note work over Weekend	practic	RG + JM	Field
Mon 27/4			Fieldwork in Småland	practic	RG + JM	Field
Tue 28/4			Fieldwork in Småland	practic	RG + JM	Field
Wed 29/4			Report writing			
Thu 30/4			Report writing			
Fri 1/5	10:00	11:45	**Report presentations (you) + Exam-explanation (RG + JM)**	Exe	RG + JM	U13