

MV0218 Environmental geochemistry, 15 HEC

Teachers and contact details

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Moment types

F	Lecture (föreläsning)
E	Exercises
S	Self-study
se	Seminar
L	Laboratory exercises

Course period = 2 Nov 2021 - 13 Jan 2022

Course moments indicated in bold are mandatory

Week	Date	Day	Time	Course moment	Room	Type	Teacher
44	01/11/2021	Mo		No scheduled courses			
	02/11/2021	Tu	08.00 - 09.45	Practical Intro	Ulls Hus Sal Y	F	JPG
			10.00 - 12.00	Introduction to chemical concepts	Ulls Hus Sal Y	F	VK
			13.00 - 15.00	Minerals in soils and waters	Ulls Hus Sal Y	F	VK
	03/11/2021	We	08.00 - 09.45	Complex formation	Ulls Hus Sal Y	F	GC
			10.00 - 12.00	The carbonate system	Ulls Hus Sal Y	F	JPG
	04/11/2021	Thu	10.00 - 12.00	Exercises inorganic equilibria: water chemistry & carbonate system	Ulls Hus Sal Y	E	JPG
			13.00 - 15.00	Solubility	Ulls Hus Sal Z	F	JPG
			15.00 - 17.00	Exercises: self-study			
	05/11/2021	Fri	08.00 - 09.45	Mineral weathering	Ulls Hus Sal Z	F	VK
			10.00 - 12.00	Exercises inorganic equilibria: water chemistry & carbonate system	Ulls Hus Sal Z	E	JPG
45	08/11/2021	Mo	10.00 - 12.00	Exercises inorganic equilibria: solubility	Ulls Hus Sal Y	E	JPG
			13.00 - 17.00	Exercises: self-study		S	
	09/11/2021	Tu	08.00 - 09.45	Soil formation	Ulls Hus Sal Y	F	MS
			10.00 - 12.00	Organic matter	Ulls Hus Sal Y	F	DBK
			13.00 - 15.00	Exercises inorganic equilibria: solubility	Ulls Hus Sal Y	E	JPG
	10/11/2021	We	08.00 - 09.45	Adsorption	Ulls Hus Sal Y	F	GC
			10.00 - 12.00	Adsorption	Ulls Hus Sal Z	F	GC
	11/11/2021	Thu	08.00 - 09.45	Exercises adsorption	Ulls Hus Sal J	E	GC
			10.00 - 12.00	Sources and fate of organic pollutants	Ulls Hus Sal J	F	Karin W
			13.00 - 17.00	Exercises: self-study		S	
	12/11/2021	Fri	08.00 - 09.45	Ion exchange	Ulls Hus Sal Y	F	DBK
			10.00 - 12.00	Exercises ion exchange	Ulls Hus Sal Y	E	DBK
			13.00 - 15.00	Exercises adsorption	Ulls Hus Sal Y	E	GC
			15.00 - 17.00	Exercises: self-study		S	
46	15/11/2021	Mo		No scheduled courses			
	16/11/2021	Tu	08.00 - 09.45	Fugacity concept	Ulls Hus Sal Y	F	AKD
			10.00 - 12.00	Introduction Visual Minteq	Library computer room 1	F	JPG

	17/11/2021	We	08.00 - 10.00	Exercises Fugacity	Library computer room 1	E	AKD
			10.00 - 12.00	Exercises: self-study		S	
	18/11/2021	Thu	08.00 - 10.00	Exercises: self-study		S	
			10.00 - 12.00	Redox	Ulls Hus Sal N	F	DBK
			13.00 - 15.00	Redox	Ulls Hus Sal Y	F	DBK
	19/11/2021	Fri	08.00 - 09.45	Exercises Fugacity	MVM Computer room 1	E	AKD
			10.00 - 12.00	Exercises redox	Ulls Hus Sal O1	E	DBK
			13.00 - 15.00	Exercises: self-study		S	
47	22/11/2021	Mo	10.00 - 12.00	Exercises: self-study		S	
			13.00 - 15.00	Exercises redox	Ulls Hus Sal Y	E	DBK
	23/11/2021	Tu	10.00 - 12.00	Phosphate: yield versus eutrophication	Ulls Hus Sal Y	F	JPG
			13.00 - 15.00	Exercises Visual Minteq	Ulls Hus computer room 1-2	E	JPG
			15.00 - 17.00	Exercises: self-study		S	
	24/11/2021	We	08.00 - 09.45	Introduction laboratory	Ulls Hus Sal Y	L	MT & WMH
			10.00 - 12.00	Remediation of contaminated soils	Ulls Hus Sal Y	F	DBK
	25/11/2021	Thu	10.00 - 12.00	Exercises: self-study		S	
			13.00 - 15.00	Exercises visual Minteq	Ulls Hus computer room 1-2	E	JPG
48	26/11/2021	Fri	08.00 - 12.00	Self-prep lab		S	
	29/11/2021	Mo	08.00 - 17.00	Laboratory day	MVM Lab K1	L	MT & WMH
	30/11/2021	Tu	08.00 - 17.00	Laboratory day	MVM Lab K1	L	MT & WMH
	01/12/2021	We	10.00 - 12.00	Microplastic fate in environmental systems	Ulls Hus Sal Y	F	GC
	02/12/2021	Thu	13.00 - 14.45	Help with Laboratory reports	MVM Computer room 1	E	MT & WMH
			15.00 - 17.00	Help with Laboratory reports	MVM Computer room 1	E	MT & WMH
	03/12/2021	Fri	09.15 - 12.00	Risk assessment: theory and practice	MVM Computer room 1	E	ME
			13.15 - 16.00	Risk assessment: theory and practice	MVM Computer room 1	E	ME

49	06/12/2021	Mo	10.00 - 12.00	PFAS in drinking water	Ulls Hus Sal Y	F	LA
	07/12/2021	Tu	09.00 - 12.00	Visit to Bäcklösa drinking water plant	In front of Ulls Hus (black building)	L	LA
			13.00 - 15.00	Exercises PFAS	MVM Computer room 1	E	LA
			15.00 - 17.00	Exercises: self-study		S	
	08/12/2021	We	08.00 - 10.00	Effects of climate change on mineral weathering	Ulls Hus Sal Y	F	ND
			10.00 - 12.00	Exercises: self-study		S	
	09/12/2021	Thu	08.00 - 10.00	Exercises PFAS	Ulls Hus computer room 1-2	E	LA
			10.00 - 12.00	Soil acidity and countermeasures	Ulls Hus Sal P	F	DBK
			13.00 - 15.00	Exercises soil acidity	Ulls Hus Sal Y	E	DBK
	10/12/2021	Fri	10.00 - 12.00	Lab: seminar	Ulls Hus Sal Q	se	MT & WMH
			13.00 - 15.00	Lab: seminar	Ulls Hus Sal Y	se	MT & WMH
50	13/12/2021	Mo	10.00 - 12.00	Exercises visual Minteq	Ulls Hus Sal Y		JPG
	14/12/2021	Tu		No scheduled courses			
	15/12/2021	We	08.00 – 09.45	Seminar	Ulls Hus Sal Y	se	JPG
			10.00 - 12.00	Seminar	Ulls Hus Sal Y	se	JPG
	16/12/2021	Thu		No scheduled courses			
	17/12/2021	Fri		No scheduled courses			
2	13/01/2022	Thu	09.00 - 14.00	Written exam	To be determined		GC