

Ore Geology 2023, GG8117, 7.5hp, MSc course

Day	Datum	Fr.o.m.	T.o.m.	Moment	U-typ	Lärare	Lokal	Läsmaterial	Assessment deadlines	% Assessment
Thursday	28-Sep-23	09:30	11:30	Introduction to ore geology	F	Pitcairn	U13	Robb - 1-15		
		12:30	16:00	Introduction to reflected light microscopy	Ö	Pitcairn and Dunst	U28			
Friday	29-Sep-23	09:30	11:30	Transport of metals in hydrothermal fluids	F	Pitcairn	U10	Robb - 75-85 and 129-166		
		12:30	16:00	Ore minerals in hand sample	Ö	Pitcairn and Dunst	U28			
Monday	2-Oct-23	09:30	11:30	Fluid flow, alteration and mass change	F	Pitcairn	U13	Robb - 166-177		
		12:30	16:00	Alteration mineralogy	Ö	Pitcairn and Dunst	U28			
Tuesday	3-Oct-23	09:30	11:30	Magmatic hydrothermal ore systems	F	Pitcairn	U13	Robb - 19-74; Sillitoe 2010		
		12:30	16:00	Magmatic hydrothermal systems - ore textures	Ö	Pitcairn and Dunst	U28			
Wednesday	4-Oct-23	09:30	11:30	Geology of Bergslagen and field trip preparation	F	Pitcairn	U13	Bergslagen Field guide		
		12:30	16:00	Bergslagen ore samples	Ö	Pitcairn and Dunst	U28	Bergslagen selected article		
Thursday	5-Oct-23			Bergslagen article review						
Friday	6-Oct-23			Bergslagen article review						
Monday	9-Oct-23	07:30		Bergslagen field trip					Bergslagen article presentation	10%
Tuesday	10-Oct-23									
Wednesday	11-Oct-23									
Thursday	12-Oct-23									
Friday	13-Oct-23		19:00						Field note books	10%
Monday	16-Oct-23	09:30	11:30	VMS deposits 1	F	Pitcairn	U13	Robb 177-190; Galley et al. 2007		
		12:30	16:00	VMS deposits - ore textures	Ö	Pitcairn and Dunst	U28			
Tuesday	17-Oct-23	09:30	11:30	VMS deposits 2	F	Pitcairn	U13	Robb 177-190; Galley et al. 2007		
		12:30	16:00	VMS deposits - ore textures	Ö	Pitcairn and Dunst	U28			
Wednesday	18-Oct-23	09:30	12:30	Practical exam self revision	Ö		U28			
		12:30	16:00	Practical exam	Ö	Pitcairn and Dunst	U28		Practical Exam	20%
Thursday	19-Oct-23	09:00	17:00	IoGAS project 1		Pitcairn and Dunst	U28			
Friday	20-Oct-23	09:00	17:00	IoGAS project 1		Pitcairn and Dunst	U28		IoGAS project 1	20%
Monday	23-Oct-23	09:30	11:30	Orogenic gold deposits		Pitcairn	U13	Pitcairn et al. 2006; Phillips and Powell 2010		
		12:30	16:00	Orogenic gold samples and microscopy		Pitcairn and Dunst	U28			
Tuesday	24-Oct-23	09:30	11:30	Orogenic gold deposits 2		Pitcairn	U13	Pitcairn et al. 2006; Phillips and Powell 2010		
		12:30	16:00	IoGAS project 2		Pitcairn and Dunst	U28			
Wednesday	25-Oct-23	09:00	17:00	IoGAS project 2			U28			
Thursday	26-Oct-23	09:00	17:00	IoGAS project 2			No room booking			
Friday	27-Oct-23	09:00	17:00	IoGAS project 2			U28		IoGAS project 2	40%