ELSTE - Master ès Sciences en sciences de la Terre - Master of Science (MSc) in Earth sciences - SERG - GATO - RGEOL

Semestre d'automne 2021 - Fall semester 2021

LES COURS ECRITS EN MAJUSCULE SONT DONNES A L'UNIGE
COURSES WRITTEN IN UPPER CASE ARE GIVEN AT THE UNIGE

Les cours écrits en minuscule sont donnés à l'UNIL
Courses written in lower case are given at the UNIL

Les cours écrits en italique sont répartis sur les deux sites

Les cours commencent 15 minutes après l'heure.
Courses start 15 minutes after the hour.

	Septembre	Octobre	Novembre	Décembre
Mer 1		*Geophysics across scales for geologists (G. Hetényi) 09h-16h Evaluatoin*	BASIN RESEARCH (S. Castelltort) 9h-17h; ADVANCED ORE DEPOSITS (K. Kouzmanov) 9-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h; Advanced quantitavie risk (M. Jaboyedoff) 13-18h	*Biostratigraphy and micropaleontology (R. Martini) 9-17h*; Quantitative tecto. (S. Schmalholz) 09h-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h
Jeu 2			BASIN RESEARCH (S. Castelltort) 9h-17h; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*	MODELLING VOLCANIC PROCESSES (C. Bonadonna) 9h-17h
Ven 3			BASIN RESEARCH (S. Castelltort) 9h-17h; Quantitative tecto. (S. Schmalholz) 09h-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h	
Sam 4			BASIN RESEARCH (S. Castelltort) 9h-17h; FLUID INCLUSIONS (R. MORITZ) 9h-17h	
Dim 5			BASIN RESEARCH (S. Castelltort) 9h-17h; FLUID INCLUSIONS (R. MORITZ) 9h-17h; Communications on environmental risk (M. Jaboyedoff) 9-18h	
Lun 6		Carbonates - field (E. Samankassou) 9h-17h; ORE MICROSCOPY (K. KOUZMANOV) 9-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h		*Biostratigraphy and micropaleontology (R. Martini) 9-17h*; ADVANCED ORE DEPOSITS (K. Kouzmanov) 9-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h; Advanced quantitavie risk (M. Jaboyedoff) 13-18h
Mar 7		Carbonates - field (E. Samankassou) 9h-17h; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*		2D AND 3D SEISMIC INTERPRETATION (A. MOSCARIELLO) 9h-17h; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*
Mer 8		*Life evolving with Earth (A. Daley and S. Samankassou) 9h-17h*; Quantitative tecto. (S. Schmalholz) 09h-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h	BASIN RESEARCH (S. Castelltort) 9h-17h; ADVANCED ORE DEPOSITS (K. Kouzmanov) 9-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h	2D AND 3D SEISMIC INTERPRETATION (A. MOSCARIELLO) 9h-17h; Quantitative tecto. (S. Schmalholz) 09h-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h
Jeu 9		Scanning electron microscopy (SEM) (P. Vonlanthen - étudiants UNIL) 9h-17h; ORE MICROSCOPY (K. KOUZMANOV) 9-17h; INTRODUCTION TO DATA ANALYSIS WITH MATLAB (G. SIMPSON) 9h-17h	*Clastics (S. Castelltort) 9h-17h*; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*	Weathering processes and soils formation (E. Verrecchia 9h-16h
Ven 10		ORE MICROSCOPY (K. KOUZMANOV) 9-17h; Communications on environmental risk (M. Jaboyedoff) 9-16h	*Clastics (S. Castelltort) 9h-17h*; Quantitative tecto. (S. Schmalholz) 09h-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h	2D AND 3D SEISMIC INTERPRETATION (A. MOSCARIELLO) 9h-17h; LABORATORY TECHNIQUES IN GEOCHEMISTRY (M. OVTCHAROVA) 09h - 17h; Communications on environmental risk (M. Jaboyedoff) 9-12h
Sam 11		*Life evolving with Earth (A. Daley and S. Samankassou) 9h-17h*; ORE MICROSCOPY (K. KOUZMANOV) 9-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h	SCANNING ELECTRON MICROSCOPY (SEM) (R. MARTINI - ETUDIANTS UNIGE) 9h-17h; MODELLING VOLCANIC PROCESSES (C. Bonadonna) 9h-17h	
Dim 12		*Life evolving with Earth (A. Daley and S. Samankassou) 9h-17h*; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*		
Lun 13		*Life evolving with Earth (A. Daley and S. Samankassou) 9h-17h*; Quantitative tecto. (S. Schmalholz) 09h-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h		2D AND 3D SEISMIC INTERPRETATION (A. MOSCARIELLO) 9h-17h; ADVANCED ORE DEPOSITS (K. Kouzmanov) 9-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h; Advanced quantitavie risk (M. Jaboyedoff) 13-18h
Mar 14		*Borehole logging and rock physics (B. Quintal) 9h-17h*		2D AND 3D SEISMIC INTERPRETATION (A. MOSCARIELLO) 9h-17h; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*
Mer 15		POROPERM QEMSCAM (A. MOSCARIELLO) 9h-17h	*Clastics (S. Castelltort) 9h-17h*; ADVANCED ORE DEPOSITS (K. Kouzmanov) 9-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h; Advanced quantitavie risk (M. Jaboyedoff) 13-18h	Quantitative tecto. (S. Schmalholz) 09h-12h; Communications on enviro. risk (M. Jaboyedoff) 9-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h
Jeu 16			*Clastics (S. Castelltort) 9h-17h*; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*	Weathering processes and soils formation (E. Verrecchia 9h-16h; ADVANCED ORE DEPOSITS (K. Kouzmanov) 9-17h; Advanced quantitavie risk (M. Jaboyedoff) 13-18h
Ven 17			*Clastics (S. Castelltort) 9h-17h*; Quantitative tecto. (S. Schmalholz) 09h-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h	2D AND 3D SEISMIC INTERPRETATION (A. MOSCARIELLO) 9h-17h; Communications on environmental risk (M. Jaboyedoff) 9-12h
Sam 18		*Life evolving with Earth (A. Daley and S. Samankassou) 9h-17h*; ORE MICROSCOPY (K. KOUZMANOV) 9-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h	Carbonates (E. Samankassou) 9h-17h; FLUID INCLUSIONS (R. MORITZ) 9h-17h	
Dim 19		*Life evolving with Earth (A. Daley and S. Samankassou) 9h-17h*; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*	**SGM 2021 Zurich**	
Lun 20	INTRODUCTION TO DATA ANALYSIS WITH MATLAB (G. SIMPSON) 9h-17h; *Life evolving with Earth (A. Daley and S. Samankassou) 9h-17h*	BASIN RESEARCH (S. Castelltort) 9h-17h; Quantitative tecto. (S. Schmalholz) 09h-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h		ADVANCED ORE DEPOSITS (K. Kouzmanov) 9-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h; Advanced quantitavie risk (M. Jaboyedoff) 13-18h
Mar 21	*Geophysics across scales for geologists (G. Hetényi) 09h-17h*	Electron probe microanalyzer (M. Robyr) 9h-17h; *Borehole logging and rock physics (B. Quintal) 9h-17h*		*Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-18h*
Mer 22	*Geophysics across scales for geologists (G. Hetényi) 09h-17h*		Carbonates (E. Samankassou) 9h-17h; ADVANCED ORE DEPOSITS (K. Kouzmanov) 09h-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h; Advanced quantitavie risk (M. Jaboyedoff) 13-18h	Quantitative tecto. (S. Schmalholz) 09h-12h; Communications on enviro. risk (M. Jaboyedoff) 9-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h
Jeu 23	*Geophysics across scales for geologists (G. Hetényi) 09h-17h*		*Biostratigraphy and micropaleontology (R. Martini) 9-17h*; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*	ADVANCED ORE DEPOSITS (K. Kouzmanov) 09h-17h; Communications on enviro. risk (M. Jaboyedoff) 9-12h; Matlab as a language of scientific comp. (Y. Podladchikov) 13-16h
Ven 24	*Geophysics across scales for geologists (G. Hetényi) 09h-17h*		*Biostratigraphy and micropaleontology (R. Martini) 9-17h*; Quantitative tecto. (S. Schmalholz) 09h-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h	Communications on enviro. risk (M. Jaboyedoff) 9-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h
Sam 25		BASIN RESEARCH (S. Castelltort) 9h-17h; ORE MICROSCOPY (K. KOUZMANOV) 9-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h	*Biostratigraphy and micropaleontology (R. Martini) 9-17h*	
Dim 26		BASIN RESEARCH (S. Castelltort) 9h-17h; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*	**Journée Lémanique -UNIL**	**METHODS OF EXPLORATION - G. Beaudoin - January 2022, from the 10th to 19th**
Lun 27	*Life evolving with Earth (A. Daley and S. Samankassou) 9h-17h*; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h	BASIN RESEARCH (S. Castelltort) 9h-17h; Quantitative tecto. (S. Schmalholz) 09h-12h; Physics as a basis for modeling (Y. Podladchikov) 14-16h		
Mar 28	*Life evolving with Earth (A. Daley and S. Samankassou) 9h-17h*; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*	*Borehole logging and rock physics (B. Quintal) 9h-17h*; Inductively-coupled plasma mass-spectrometry (A. Ulyanov) 9h-17h		
Mer 29	*Life evolving with Earth (A. Daley and S. Samankassou) 9h-17h*; Quantitative tecto. (S. Schmalholz) 09h-16h; Physics as a basis for modeling (Y. Podladchikov) 14-16h		*Biostratigraphy and micropaleontology (R. Martini) 9-17h*; ADVANCED ORE DEPOSITS (K. Kouzmanov) 9-17h; Matlab as a language of scientific comp. (Y. Podladchikov) 9h-12h; Advanced quantitavie risk (M. Jaboyedoff) 13-18h	
Jeu 30	INTRODUCTION TO DATA ANALYSIS WITH MATLAB (G. SIMPSON) 9h-17h		*Biostratigraphy and micropaleontology (R. Martini) 9-17h*; *Petrological processes in geodynamic environments (U. Schaltegger - O. Müntener) 9h-15h*	

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