

Note
 Master event
Italics = optional course
 (2e) = courses for 2nd year students
 OS = orientation-specific courses
 = Exams session

Orientation C - Earth Surface Processes in Mountain Environments

MSc ENVI Autumn week 1

Hours	Monday 16.09.2024	Tuesday	Wednesday	Thursday	Friday
8-9	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Dates and rates of Mou. - CS	OS Field trip Dates and rates of Mou. - CS
9-10	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Dates and rates of Mou. - CS	OS Field trip Dates and rates of Mou. - CS
10-11	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL <i>Machine Learning for Earth - TB (2e)</i>	OS Field trip Dates and rates of Mou. - CS	OS Field trip Dates and rates of Mou. - CS
11-12	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL <i>Machine Learning for Earth - TB (2e)</i>	OS Field trip Dates and rates of Mou. - CS	OS Field trip Dates and rates of Mou. - CS
12-13					
13-14	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Dates and rates of Mou. - CS	OS Field trip Dates and rates of Mou. - CS
14-15	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Dates and rates of Mou. - CS	OS Field trip Dates and rates of Mou. - CS <i>Machine Learning for Earth - TB (2e)</i>
15-16	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Dates and rates of Mou. - CS	OS Field trip Dates and rates of Mou. - CS <i>Machine Learning for Earth - TB (2e)</i>
16-17	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Alpine periglacial env. - CL	OS Field trip Dates and rates of Mou. - CS	OS Field trip Dates and rates of Mou. - CS
17-18					

MSc ENVI Autumn week 2

Hours	Monday 23.09.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	Introduction to Scientific Programming - TB
9-10		OS Dates and rates of Mountain evol. - CS		OS Monitoring techniques for slope - MHD	Introduction to Scientific Programming - TB
10-11	<i>Scientific computing - YP</i>	OS Dates and rates of Mountain evol. - CS	OS Monitoring techniques for slope - MHD <i>Machine Learning for Earth - TB (2e)</i>	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
11-12	<i>Scientific computing - YP</i>	OS Dates and rates of Mountain evol. - CS	OS Monitoring techniques for slope - MHD <i>Machine Learning for Earth - TB (2e)</i>	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
12-13					
13-14	OS Dates and rates of Mountain evol. - CS				
14-15	OS Dates and rates of Mountain evol. - CS	<i>Scientific computing - YP</i>	Introduction to Scientific Programming - TB	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i> <i>Machine Learning for Earth - TB (2e)</i>
15-16	OS Dates and rates of Mountain evol. - CS	<i>Scientific computing - YP</i>	Introduction to Scientific Programming - TB	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i> <i>Machine Learning for Earth - TB (2e)</i>
16-17				<i>Welcoming new students - PDA, CED</i>	
17-18				<i>Welcoming new students - PDA, CED</i>	

MSc ENVI Autumn week 3

Hours	Monday 30.09.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	Introduction to Scientific Programming - TB
9-10				OS Monitoring techniques for slope - MHD	Introduction to Scientific Programming - TB
10-11	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD <i>Machine Learning for Earth - TB (2e)</i>	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
11-12	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD <i>Machine Learning for Earth - TB (2e)</i>	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
12-13					
13-14					
14-15		<i>Scientific computing - YP</i>	Introduction to Scientific Programming - TB	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i> <i>Machine Learning for Earth - TB (2e)</i>
15-16		<i>Scientific computing - YP</i>	Introduction to Scientific Programming - TB	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i> <i>Machine Learning for Earth - TB (2e)</i>
16-17					
17-18					

MSc ENVI Autumn week 4

Hours	Monday 07.10.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	Introduction to Scientific Programming - TB
9-10		OS Dates and rates of Mountain evol. - CS		OS Monitoring techniques for slope - MHD	Introduction to Scientific Programming - TB
10-11	Scientific computing - YP	OS Dates and rates of Mountain evol. - CS	OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI
11-12	Scientific computing - YP	OS Dates and rates of Mountain evol. - CS	OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI
12-13					
13-14	OS Alpine periglacial environments - CL				
14-15	OS Alpine periglacial environments - CL	Scientific computing - YP	Introduction to Scientific Programming - TB	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI Machine Learning for Earth - TB (2e)
15-16	OS Alpine periglacial environments - CL	Scientific computing - YP	Introduction to Scientific Programming - TB	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI Machine Learning for Earth - TB (2e)
16-17					
17-18					

MSc ENVI Autumn week 5

Hours	Monday 14.10.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	Introduction to Scientific Programming - TB
9-10				OS Monitoring techniques for slope - MHD	Introduction to Scientific Programming - TB
10-11	Scientific computing - YP		OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI
11-12	Scientific computing - YP		OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI
12-13					
13-14	OS Alpine periglacial environments - CL				
14-15	OS Alpine periglacial environments - CL	Scientific computing - YP	Masters Project Preparation - PDA, GM	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI Machine Learning for Earth - TB (2e)
15-16	OS Alpine periglacial environments - CL	Scientific computing - YP	Masters Project Preparation - PDA, GM	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI Machine Learning for Earth - TB (2e)
16-17					
17-18					

MSc ENVI Autumn week 6

Hours	Monday 21.10.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	Introduction to Scientific Programming - TB
9-10				OS Monitoring techniques for slope - MHD	Introduction to Scientific Programming - TB
10-11	Scientific computing - YP		OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI
11-12	Scientific computing - YP		OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI
12-13					
13-14	OS Alpine periglacial environments - CL				
14-15	OS Alpine periglacial environments - CL	Scientific computing - YP	Masters Project Preparation - PDA, GM	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI Machine Learning for Earth - TB (2e)
15-16	OS Alpine periglacial environments - CL	Scientific computing - YP	Masters Project Preparation - PDA, GM	Remote sensing of Earth syst. - GM, GA	Environmental time-series analysis - JI Machine Learning for Earth - TB (2e)
16-17					
17-18					

MSc ENVI Autumn week 7

Hours	Monday 28.10.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
9-10		OS Dates and rates of Mountain evol. - CS		OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
10-11	<i>Scientific computing - YP</i>	OS Dates and rates of Mountain evol. - CS	OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
11-12	<i>Scientific computing - YP</i>	OS Dates and rates of Mountain evol. - CS	OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
12-13					
13-14	OS Alpine periglacial environments - CL				
14-15	OS Alpine periglacial environments - CL	<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD Machine Learning for Earth - TB (2e)
15-16	OS Alpine periglacial environments - CL	<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD Machine Learning for Earth - TB (2e)
16-17					
17-18					

MSc ENVI Autumn week 8

Hours	Monday 04.11.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
9-10	OS Dates and rates of Mountain evol. - CS	OS Dates and rates of Mountain evol. - CS		OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
10-11	OS Dates and rates of Mountain evol. - CS	OS Dates and rates of Mountain evol. - CS	OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)		<i>Environmental time-series analysis - JI</i>
11-12	OS Dates and rates of Mountain evol. - CS	OS Dates and rates of Mountain evol. - CS	OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)		<i>Environmental time-series analysis - JI</i>
12-13					
13-14				OS Dates and rates of Mountain evol. - CS	OS Dates and rates of Mountain evol. - CS
14-15			Masters Project Preparation - PDA, GM	OS Dates and rates of Mountain evol. - CS	OS Dates and rates of Mountain evol. - CS
15-16			Masters Project Preparation - PDA, GM	OS Dates and rates of Mountain evol. - CS	OS Dates and rates of Mountain evol. - CS
16-17					
17-18					

MSc ENVI Autumn week 9

Hours	Monday 11.11.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
9-10				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
10-11	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
11-12	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
12-13					
13-14	OS Alpine periglacial environments - CL				
14-15	OS Alpine periglacial environments - CL	<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD Machine Learning for Earth - TB (2e)
15-16	OS Alpine periglacial environments - CL	<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD Machine Learning for Earth - TB (2e)
16-17		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	
17-18		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	

MSc ENVI Autumn week 10

Hours	Monday 18.11.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
9-10				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
10-11	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
11-12	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
12-13					
13-14	OS Alpine periglacial environments - CL				
14-15	OS Alpine periglacial environments - CL	<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD Machine Learning for Earth - TB (2e)
15-16	OS Alpine periglacial environments - CL	<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD Machine Learning for Earth - TB (2e)
16-17		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	
17-18		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	

MSc ENVI Autumn week 11

Hours	Monday 25.11.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
9-10				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
10-11	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
11-12	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
12-13					
13-14					
14-15		<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD Machine Learning for Earth - TB (2e)
15-16		<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD Machine Learning for Earth - TB (2e)
16-17		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	
17-18		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	

MSc ENVI Autumn week 12

Hours	Monday 02.12.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
9-10				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
10-11	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
11-12	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD Machine Learning for Earth - TB (2e)	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
12-13					
13-14					
14-15		<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD Machine Learning for Earth - TB (2e)
15-16		<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD Machine Learning for Earth - TB (2e)
16-17		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	
17-18		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	

MSc ENVI Autumn week 13

Hours	Monday 09.12.2024	Tuesday	Wednesday	Thursday	Friday
8-9				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
9-10				OS Monitoring techniques for slope - MHD	<i>Environmental time-series analysis - JI</i>
10-11	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD <i>Machine Learning for Earth - TB (2e)</i>	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
11-12	<i>Scientific computing - YP</i>		OS Monitoring techniques for slope - MHD <i>Machine Learning for Earth - TB (2e)</i>	<i>Remote sensing of Earth syst. - GM, GA</i>	<i>Environmental time-series analysis - JI</i>
12-13					
13-14					
14-15		<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD <i>Machine Learning for Earth - TB (2e)</i>
15-16		<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	Applications of environmental - NC, MHD <i>Machine Learning for Earth - TB (2e)</i>
16-17		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	
17-18		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	

MSc ENVI Autumn week 14

Hours	Monday 16.12.2024	Tuesday	Wednesday	Thursday	Friday
8-9					
9-10					
10-11	<i>Scientific computing - YP</i>			<i>Remote sensing of Earth syst. - GM, GA</i>	
11-12	<i>Scientific computing - YP</i>			<i>Remote sensing of Earth syst. - GM, GA</i>	
12-13					
13-14					
14-15		<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	
15-16		<i>Scientific computing - YP</i>	Masters Project Preparation - PDA, GM	<i>Remote sensing of Earth syst. - GM, GA</i>	
16-17		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	
17-18		<i>Principle of scientific data acquisition - CS</i>		<i>Principle of scientific data acquisition - CS</i>	

Winter exam session: January 10 to February 1st, 2025

Outside semester: from September 8 to 13, 2024 - OS Aquatic ecosystems : consultancy proposals, analyses and reports - SL (2e)

Note: *Master event*
Italics = optional course
(2e) = courses for 2nd year students
 OS = orientation-specific courses
 Exams session