

2. Semester (summerterm 2025) Master Geomaterials and Geochemistry

23.4.25 (Wed) - 25.7.25

	Monday	Tuesday	Wednesday		Thursday		Friday	
8 - 9	WP 11.1 Petrology (Lecture), Cimorelli Th - C 112 [2]		P 4.1 High Resolution Microscopy (Lecture), Sturm, Th - C 113 only 9.,16. & 23.7.25		8:00-9:30 WP 14.1 Introduction to Industrial Minerals, Gilg, Ar - 3404 [1] (not on 26.6.25)			
9 - 10								
10 - 11	WP 11.2 Petrology (Exercise), Cimorelli Th - C 112 [2]	WP 10.3 Thermodynamics of Crystals, Jahn Th - C 111 [3]	WP 19.1 Rock-Fluid-Interactions, Scheu, Th - C 307 [1]		WP 10.1 Crystal Physics (Lecture) Jordan Th - C 112	WP 18.1 Physics of Volcanoes, Scheu, Th - C 307 [1]	Kolloquium für Kristallographie und technische Mineralogie, Th - C 111	
11 - 12								
12 - 13	WP 16.1 Nano Structures Lackinger Th - C 112	14-tg. P 5.1 Introduction to Geochemical Analytics or 14-tg. P 5.2 Applied Geochemical Analytics Ertel-Ingrisch, Kaliwoda, Müller Th - C 111 [2]		WP 12.1 Geochemical Cycles, Müller, Th - C 111 [2]		WP 12.2 Experimental Geochemistry, Ertel- Ingrisch Th - C 112 [1]	Recent topics in Geosciences (Seminar): Petrology- Geochemistry Reading and Discussion Seminar, Weidendorfer Th - C 307 [3]	WP 21 (option): Semiconductor crystals and their characterisation methods, Sumathi, Th - C 111
13 - 14								
14 - 15	14:15 WP 9.1 Functional Materials (Lecture) Bräuniger, Langhals, Ghimire, Hoch, Jahn, Müller-Caspary, Papadakis, Park, Senyshyn, Sturm Th - C 111 [2]	P 5.2 Applied Geochemical Analytics, Aßbichler, Ertel-Ingrisch, Müller, Kaliwoda Th - C 111		WP 17.1 Powder Diffraction (Lecture), Park, Th - C 236		P 4.1 High Resolution Microscopy (Lecture), Cimorelli, Trepmann Th - C 113 [1] (not on 10., 17.& 24.7.25)		Frontiers in Earth Science, Münchner GeoZentrum, Th - C 111
15 - 16				WP 17.2 Powder Diffraction (Exercise), Park, Th - C 221 und C 226 und C 236 (6 days)	16:45-17:30 WP 14.2 Analysis of Nonmetallic Raw Materials, Gilg, zoom (oder Ar - 3411)			
16 - 17		WP 20 Dynamic Processes in Igneous Systems Weidendorfer Th - C 307 [2]	Recent topics in Geosciences (Seminar): Field and Experimental Volcanology, Reading and Discussion Seminar, Küppers, Scheu, Th - C 307					
17 - 18		Seminar Volcanology, Petrology and Geofabrics - Lavallée, Küppers, Th - C 419						

P 2 Petrophysics, Scheu, Kendrick, block course 7.-11.4.25 & 22.4.25, Th - C 107 & C 111

mandatory

P 4.2 High Resolution Microscopy (Exercise) - Cimorelli, Hörl, Sturm, Trepmann, 4.-8.8.25 Th - C 111 & BU 133/A

WP 9.2 Functional Materials (Exercise): block course Bräuniger, Hess, Kaliwoda, Müller, Park, Trixler tba

WP 10.2 Crystal Physics (Exercise): Jordan, block course 28.7.-1.8.2025 (28.7.25 in Th - C 111)

WP 13 (option): Applied Rock Mechanics, Kendrick, Lamur block-course 1.-8.9.2025, Th - C 307

WP 14.3 Field exercise to Industrial Minerals, Gilg: 02.05.25 & 06.06.25

WP 21 (option): Volcano Mechanics Modelling (Comsol course), Lavallée, Gottsmann blockcourse 28.7.-1.8.25

WP 26 Field Practical, Küppers, Scheu, 2. bis 10. Oktober 2025 Island

choise has to be confirmed by examination comittee for:

WP 13 Advanced Geosciences II, (4 SWS, 6 ECTS), tbd

WP 15 Complementary Natural Science I, (4 SWS, 6 ECTS), tbd

WP 21 Advanced Geosciences III, (2 SWS, 3 ECTS), tbd

Ar - Arcisstr. TUM

Th - Theresienstr.

[1] / [2] Beginn erste bzw. zweite Vorlesungswoche / stars in first or second week

08/04/2025