

2. Semester (summerterm 2024) Master Geomaterials and Geochemistry

15.4.24 - 19.7.24

	Monday	Tuesday	Wednesday	Thursday	Friday		
8 - 9	WP 11.1 Petrology (Lecture), Cimarelli Th - C 112 [1]			8:00-9:30 WP 14.1 Introduction to Industrial Minerals, Gilg, Lehrberger, Junge, Ar - 3404	P 4.1 High Resolution Microscopy (Lecture), Sturm, Th - C 113 only 27.6.24, 4. & 11.7.24		
9 - 10							
10 - 11	WP 11.2 Petrology (Exercise), Cimarelli Th - C 112 [1]	WP 10.3 Thermodynamics of Crystals, Schmahl Th - C 111	WP 20 Dynamic Processes in Igneous Systems Weidendorfer Th - C 112 [1]	WP 19.1 Rock-Fluid-Interactions, Scheu, Th - C 307 [2]	WP 10.1 Crystal Physics (Lecture) Jordan Th - C 112 [1]	WP 18.1 Physics of Volcanoes, Scheu, Th - C 307 [2]	Kolloquium für Kristallographie und technische Mineralogie, Th - C 111
11 - 12							
12 - 13	WP 16.1 Nano Structures Lackinger Th - C 112 [1]	14-tg. P 5.1 Introduction to Geochemical Analytics or 14-tg. P 5.2 Applied Geochemical Analytics Ertel-Ingrisch, Junge Kaliwoda, Müller Th - C 111 bzw. C 107 [1]		WP 12.1 Geochemical Cycles, Müller, Th - C 111 [1]	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 [1]	WP 21 (option): Minerals and Crystals of Semiconductors and their Characterisation Methods (lecture), Sumathi, Th - C 111 [2]
13 - 14							
14 - 15	WP 9.1 Functional Materials (Lecture) Akermann, Bräuniger, Langhals, Hartschuh, Hoch, Müller-Caspary, Papadakis, Park, Schmahl, Senyshyn, Sturm Th - C 111 [1]	P 5.2 Applied Geochemical Analytics, Aßbichler, Ertel-Ingrisch, Junge, Müller, Kaliwoda Th - C 111 bzw. C 107	WP 17.1 Powder Diffraction (Lecture), Park, Th - C 236 [2]	P 4.1 High Resolution Microscopy (Lecture), Cimarelli, Griefshaber, Schmahl, Trepmann Th - C 113 [2] on 27.6., 4.&11.7.24 from 8 till 10	Frontiers in Earth Science, Münchner GeoZentrum, Th - C 111		
15 - 16			WP 17.2 Powder Diffraction (Exercise), Park, Th - C 221 und C 226 [2]				
16 - 17			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 - Dingwell, Küppers, Th - C 419				16:45-17:30 WP 14.2 Analysis of Nonmetallic Raw Materials, Gilg, zoom (oder Ar - 3411)	

P 2 Petrophysics, Scheu, Kendrick block course 2.-8.4.24 Th - C 111/ C 107 + 15.4.24 (bis 12), Th - C 107

mandatory

P 4.2 High Resolution Microscopy (Exercise) - Cimarelli, Griefshaber, Hörll, Sancho, Schmahl, Sturm, Trepmann, 5.-9.8.24 Th - C 111 & BU 133//

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

WP 10.2 Crystal Physics (Exercise): Jordan, block course 22.-26.7.2024 (22.7.24 in Th - C 112)

WP 13 (option): Applied Rock Mechanics, Kendrick, Lamur 23.-31.07.2024 Th - C 307 and lab

WP 14.3 Field exercise to Industrial Minerals, Gilg, Lehrberger, Junge: 26.04.24 Neuburg, 31.05.24 Oberpfalz, 21.06.24 Hochfilzen

WP 21 (option): Volcano Mechanics Modelling (Comsol course), Lavallée, Gottsmann blockcourse tba

WP 26 Field Practical, Küppers, Scheu, 2. bis 11. Oktober 2024 Milos

choice has to be confirmed by examination committee 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.

WP 22 Synthesis and Processing, Sturm will take place in WS 24/25

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