Studienplan Master Geomaterials and Geochemistry

	Pflicht		Wahlpflichtmodule im Umfang von 48 ECTS		
4. Sem	P 8 Final Module (Master's Thesis and Disputation)				
3. Sem	P 6 Research Project	P 7 Rheology and Thermal Analysis of Melts	*18 ECTS auswählen*	*WP 22 bis WP 28 = 6 ECTS* WP 22 Synthesis and Processing WP 23 Mineral Surfaces and Reactivity WP 24 Thermodynamical Phase Equilibria WP 25 Deformation and Transformation WP 26 Field Practical WP 27 Complementary Natural Sciences II WP 28 Advanced Materials Science	*WP 29 bis WP 32 = 3 ECTS* WP 29 Concepts of Biomineralization WP 30 Scientific Working WP 31 Spectroscopic Methods WP 32 Reflected-Light Microscopy
2. Sem	P 4 High Resolution Microscopy	P 5 Analytical Methods in Geochemistry	*18 ECTS auswählen*	*WP 9 bis WP 15 = 6 ECTS* WP 9 Materials Science II WP 10 Crystal Physics WP 11 Petrology WP 12 Geochemistry II WP 13 Advanced Geosciences II WP 14 Industrial Minerals WP 15 Complementary Natural Science I	*WP 16 bis WP 21 = 3 ECTS* WP 16 Materials Science III WP 17 Advanced Structural Studies II WP 18 Volcanology II WP 19 Rock-Fluid-Interactions WP 20 Dynamic Processes in Igneous Systems WP 21 Advanced Geosciences III
1. Sem	P 1 Heterogeneous Systems (GOP)	P 2 Petrophysics	P 3 Applied Mineralogy	*12 ECTS auswählen* *WP 1 bis WP 4 = 6 ECTS* WP 1 Materials Science I WP 2 Advanced Structural Studies I WP 3 Volcanology I WP 4 Geochemistry I	*WP 5 bis WP 8 = 3 ECTS* WP 5 Recent Topics in Geoscience WP 6 Advanced Geosciences I WP 7 Microthermometry WP 8 Selected Topics in Natural Science

6 12 18 24 Credits 30

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