

## Elective Module Catalog Bachelor

Abbr.	Module Label	Course	SWS				Total ECTS	Workload distribution per semester in ECTS-Points <sup>1</sup>						Type and extend of the exam/academic achievement	Factor Module grade
			V	Ü	P	S		1. Sem	2. Sem	3. Sem	4. Sem	5. Sem	6. Sem		
PB-I	Microfacies course	Microfacies course		4			5					5		TP: Exam 90 Min.	1
PB-II	Palaeobiological field exercise	Palaeobiological field exercise				2,5	5						5	TP: Report (max. 20 pages)	1
AM-I	Material and Characterisation	Applied Mineralogy II		1		1	5					2		TP: Exam 90 Min.	1
		X-ray diffraction analysis		1		1						3			
AM-II	Chemical analysis of rocks	Chemical analysis of rocks (S)				1	5						2	TP: Exam 90 Min.	1
		Exercise on the S Chemical analysis of rocks		3								3			
AS-I	Sediment and Petrofabric analysis	Microscopy of sedimentary rocks		1		1	5					3		TP: Dyadic Report (max. 10 pages)	1
		Methods of the petrofabric analysis				2						2			
AS-II	Methods of Sedimentology	Methods of Sedimentology		1		1	5						2	TP: Exam 60 Min. and Report (max. 10 pages)	1
		Sedimentary Facies				3							3		
PG-I	Petrological – Geochemical Methods and Exercises I	Microscopy of magmatic and metamorphic rocks		2			5					2		TP: Exam 90 Min. and Report (max. 10 pages)	1
		Geochemical and Petrological Exercises		3								3			
PG-II	Petrological – Geochemical Methods and Exercises II	Petrologic-Tectonical field exercise				3	5						5	TP: Exam (max. 15 pages)	1
AG-I	Hydrogeology and engineering geology	Laboratory and measurement exercise hydrogeology		2			5					2,5		TP: Exam 45 Min. and Report (max. 10 pages)	1
		Laboratory and Measurement Exercise engineering geology		3								2,5			
AG-II	Exercise in engineering geology and hydrogeology	Exercise engineering geology		4			5						2,5	TP: Dyadic Report (max. 10 pages)	1
		Exercise hydrogeology		4								2,5			

<sup>1</sup> The stated distribution is a recommendation.

Abbreviations of the area of specialisation

PB: Palaeobiology

AM: Applied Mineralogy

AS: Applied Sedimentology

PG: Petrology-Geochemistry

AG: Applied Geology