

List of Courses Taught in English

Department of Chemistry and Physics of Materials
Academic Year 2021/22

MA Chemistry and Physics of Materials

Winter Semester 2021/22

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
485011	W	Chemistry of Materials I	3	VO	3	Schubert	English
485012	W	Chemistry of Materials I	2	UE	2	Schuster	English
485021	W	Physics of Materials	3	VO	3	Diwald, Bourret, Wilts	English
485022	W	Functional Materials (NANO)	2	VO	2	Bourret	English
485031	W	Materials Characterization I (Scattering and Diffraction)	3	VU	4	Redhammer	English
485042	W	Carbon Materials	2	VO	2	Elsässer	English
485043	W	Interface Science and Engineering	2	VO	2	Diwald, Berger T.	English
485046	W	Materials Synthesis (Lab Course)	4	PR	6	Bourret, Elsässer, Euchler	English
485047	W	Biomaterials	2	VO	2	Roschger, Schamberger, Sharma	English
485052	W	Mineralogy II	2	VO	2	Redhammer	English

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Department of Chemistry and Physics of Materials Academic Year 2021/22

485054	W	Functional Ceramics	2	VU	3	Diwald	English
485063	W	Seminar Materials Science	1	SE	1	Berger, T., Diwald, Dunlop, Hüsing, Musso, Pokrant, Redhammer, Wilts	English
485069	W	Materials & Sustainability I	6	PR	6	Diwald, Dunlop, Hüsing, Musso, Pokrant	English
485070	W	Materials & Sustainability II	6	PR	6	Diwald, Dunlop, Hüsing, Musso, Pokrant	English

Summer Semester 2022

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
485013	S	Chemistry of Materials II	2	VO	2	Schuster	English
485023	S	Intellectual Property Rights	1	VO	1	Berger S.	English
485032	S	Materials Characterization II (Microscopy)	2	VU	3	Bourret, Pokrant	English
485033	S	Materials Characterization III (Thermophysical Properties & Thermal Analysis)	2	VO	2	Bourret, Pokrant	English
485034	S	Materials Characterization IV	3	VU	4	Diwald, Berger T.	English

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Department of Chemistry and Physics of Materials Academic Year 2021/22

		(Elemental Analysis and Spectroscopy)					
485045	S	Surface Characterization Techniques	1	VO	1	Bourret, Diwald	English
485051	S	Mineralogy I	2	VO	2	Redhammer	English
485053	S	Geomaterials	2	VO	2	Redhammer	English
485055	S	Resource Management, Recovery and Recycling	2	VO	2	Pokrant	English
485063	S	Seminar Materials Science	1	SE	1	Berger, T., Diwald, Dunlop, Hüsing, Musso, Pokrant, Redhammer, Wilts	English
485064	S	Materials Selection	2	VU	2-3	Dunlop	English
485065	S	The Physics of Biological and Bio-inspired Materials	2	VU	2	Dunlop, Roschger	English
485066	S	Physics and Chemistry of Surfaces	2	VO	2	Berger, Bourret, Diwald	English
485069	S	Materials & Sustainability I	6	PR	6	Diwald, Dunlop, Hüsing, Musso, Pokrant, Wilts	English
485070	S	Materials & Sustainability II	6	PR	6	Diwald, Dunlop, Hüsing, Musso, Pokrant, Wilts	English

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Department of Chemistry and Physics of Materials
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485072	S	Experimental Geometry for Biology and Materials Science	1	SE	1	Dunlop, Schamberger	English Deutsch
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Department of Chemistry and Physics of Materials
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Master Program – Science and Technology of Materials

Winter Semester 2021/22

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
485011	W	Chemistry of Materials I	3	VO	3	Schubert	English
485021	W	Physics of Materials	3	VO	3	Diwald, Bourret, Wilts	English
485022	W	Functional Materials (NANO)	2	VO	2	Bourret	English
485031	W	Materials Characterization I (Scattering and Diffraction)	3	VU	4	Redhammer	English
485042	W	Carbon Materials	2	VO	2	Elsässer	English
485043	W	Interface Science and Engineering	2	VO	2	Diwald, Berger T.	English
485046	W	Materials Synthesis (Lab Course)	4	PR	2	Bourret, Elsässer, Euchler	English
485047	W	Biomaterials	2	VO	2	Roschger, Schamberger, Sharma	English
485052	W	Mineralogy II	2	VO	2	Redhammer	English
485054	W	Functional Ceramics	2	VU	2	Diwald	English
485063	W	Seminar Materials Science	1	SE	1	Berger, T., Diwald, Dunlop, Hüsing,	English

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Department of Chemistry and Physics of Materials Academic Year 2021/22

						Musso, Pokrant, Redhammer, Wilts	
485068	W	Chemistry of Materials I	2	VU	2	Schuster	English
485069	W	Materials & Sustainability I	6	PR	6	Diwald, Dunlop, Hüsing, Musso, Pokrant	English

Summer Semester 2022

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
485013	S	Chemistry of Materials II	2	VO	2	Schuster	English
485023	S	Intellectual Property Rights	1	VO	1	Berger S.	English
485032	S	Materials Characterization II (Microscopy)	2	VU	3	Bourret, Pokrant	English
485033	S	Materials Characterization III (Thermophysical Properties & Thermal Analysis)	2	VO	2	Bourret, Pokrant	English
485034	S	Materials Characterization IV (Elemental Analysis and Spectroscopy)	3	VU	4	Diwald, Berger T.	English
485045	S	Surface Characterization Techniques	1	VO	1	Bourret, Diwald	English

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485051	S	Mineralogy I	2	VO	2	Redhammer	English
485053	S	Geomaterials	2	VO	2	Redhammer	English
485055	S	Resource Management, Recovery and Recycling	2	VO	2	Pokrant	English
485063	S	Seminar Materials Science	1	SE	1	Berger, T., Diwald, Dunlop, Hüsing, Musso, Pokrant, Redhammer, Wilts	English
485064	S	Materials Selection	2	VU	3	Dunlop	English
485065	S	The Physics of Biological and Bio-inspired Materials	2	VU	2	Dunlop, Roschger	English
485066	S	Physics and Chemistry of Surfaces	2	VO	2	Berger, Bourret, Diwald	English
485069	S	Materials & Sustainability I	6	PR	6	Diwald, Dunlop, Hüsing, Musso, Pokrant, Wilts	English
485072	S	Experimental Geometry for Biology and Materials Science	1	SE	1	Dunlop, Schamberger	English Deutsch