

List of Courses Taught in English

Department of Chemistry and Physics of Materials
Academic Year 2022/23

MA Chemistry and Physics of Materials

Winter Semester 2022/23

| 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 | Heugenhauer | English |
| 485021 | W | Physics of Materials | 3 | VO | 3 | 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, Bourret | English |
| 485046 | W | Materials Synthesis (Lab Course) | 4 | PR | 6 | Bourret, Elsässer, Heugenhauer | English |
| 485047 | W | Biomaterials | 2 | VO | 2 | Roschger | English |
| 485052 | W | Mineralogy II | 2 | VO | 2 | Redhammer | English |
| 485054 | W | Functional Ceramics | 2 | VU | 3 | Diwald | English |

List of Courses Taught in English

Department of Chemistry and Physics of Materials Academic Year 2022/23

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|--------|---|---|---|----|---|---|---------|
| 485063 | W | Seminar Materials Science | 1 | SE | 1 | Diwald, Dunlop, Hüsing, Pokrant, Redhammer, Wilts | English |
| 485069 | W | Materials & Sustainability I | 6 | PR | 6 | Diwald, Dunlop, Hüsing, Pokrant, Wilts | English |
| 485070 | W | Materials & Sustainability II | 6 | PR | 6 | Diwald, Dunlop, Hüsing, Pokrant, Wilts | English |

Summer Semester 2023

| Course No. | Sem. | Title | Duration | Type | ECTS Credits | Lecturer(s) | Language(s) of Instruction |
|------------|------|---|----------|------|--------------|----------------------|----------------------------|
| 485013 | S | Chemistry of Materials II | 2 | VO | 2 | Heugenhauer | 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, Neige, Wilts | English |

List of Courses Taught in English
**Department of Chemistry and Physics of Materials
Academic Year 2022/23**

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|--------|---|--|---|----|-----|---|--------------------|
| 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, 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, Wilts | 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, Pokrant, Wilts | English |
| 485070 | S | Materials & Sustainability II | 6 | PR | 6 | Diwald, Dunlop, Hüsing, Pokrant, Wilts | English |
| 485072 | S | Experimental Geometry for | 1 | SE | 1 | Dunlop, N.N. | English Deutsch |

List of Courses Taught in English

Department of Chemistry and Physics of Materials
Academic Year 2022/23

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|--|--|---|--|--|--|--|--|--|
| | | Biology and Materials Science | | | | | | |
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List of Courses Taught in English

Department of Chemistry and Physics of Materials
Academic Year 2022/23

Master Program – Science and Technology of Materials

Winter Semester 2022/23

| 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 | 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, Bourret | English |
| 485046 | W | Materials Synthesis (Lab Course) | 4 | PR | 2 | Bourret, Elsässer, Heugenhauser | English |
| 485047 | W | Biomaterials | 2 | VO | 2 | Roschger | 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 | Diwald, Dunlop, Hüsing, Pokrant, Redhammer, Wilts | English |

List of Courses Taught in English

Department of Chemistry and Physics of Materials Academic Year 2022/23

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|--------|---|--|---|----|---|--|---------|
| 485068 | W | Chemistry of Materials I | 2 | VU | 2 | Heugenhauer | English |
| 485069 | W | Materials & Sustainability I | 6 | PR | 6 | Diwald, Dunlop, Hüsing, Pokrant, Wilts | English |

Summer Semester 2023

| Course No. | Sem. | Title | Duration | Type | ECTS Credits | Lecturer(s) | Language(s) of Instruction |
|------------|------|---|----------|------|--------------|----------------------|----------------------------|
| 485013 | S | Chemistry of Materials II | 2 | VO | 2 | Heugenhauer | 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, Neige, Wilts | English |
| 485045 | S | Surface Characterization Techniques | 1 | VO | 1 | Bourret, Diwald | English |
| 485051 | S | Mineralogy I | 2 | VO | 2 | Redhammer | English |

List of Courses Taught in English
**Department of Chemistry and Physics of Materials
Academic Year 2022/23**

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|--------|---|---|---|----|---|---|--------------------|
| 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, 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, Wilts | 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, Pokrant, Wilts | English |
| 485072 | S | Experimental Geometry for Biology and Materials Science | 1 | SE | 1 | Dunlop, N.N. | English Deutsch |

List of Courses Taught in English

Department of Chemistry and Physics of Materials
Academic Year 2022/23

PhD Studies NLW

Summer Semester 2022/23

| Course No. | Sem. | Title | Duration | Type | ECTS Credits | Lecturer(s) | Language(s) of Instruction |
|------------|------|---|----------|------|--------------|----------------------|----------------------------|
| 796003 | S | Form, Process, Pattern | 1 | SE | 1 | Diwald, Dunlop, Lang | English |
| 485023 | S | Intellectual Property Rights | 1 | VO | 1 | Berger S. | English |
| 485064 | S | Materials Selection | 2 | VU | 3 | Dunlop | English |
| 485065 | S | The Physics of Biological and Bio-inspired Materials | 2 | VU | 2 | Dunlop, Wilts | English |
| 485072 | S | Experimental Geometry for Biology and Materials Science | 1 | SE | 1 | Dunlop, N.N. | English |