

Compulsory elective modules in the winter semester 2022/2023

Special Inorganic Chemistry I (EC III)

Materials for Energy Storage and Conversion (EC I/II/ III)

Applied Chemistry: Modern Analytical Chemistry I

Applied Chemistry: Advanced Materials Chemistry

Applied Chemistry: Polymer Chemistry I

Special Topics in Analytical Chemistry (EC II/III)

Methods and Techniques of Surface Analysis (EC III)

Special Materials Chemistry (EC II)

Metal Oxides – Corrosion and Application in Renewable Energies (EC II/III)

Hybrid Nanomaterials (EC I/II)

Organic Chemistry: Organic Photochemistry (EC III)

Nanostructured Materials (EC I/II/III)

Physical Chemistry of Nanostructured and Soft Materials (EC I/II)

Modeling and Simulation in Chemical and Pharmaceutical Industry (EC I/II/III)

Compulsory elective modules in the summer semester 2023

Special Inorganic Chemistry I (EC III)

Advanced Magnetic Resonance Spectroscopy - Solid-State Spectra Analysis (EC I/II/III)

Modern Analytical Chemistry II (EC II/III)

Advanced Chemistry of Building Materials (EC II)

Biochemistry of Surfaces (EC II/III)

Organic Chemistry: Introduction to Bioorganic Chemistry (EC III)

Organic Chemistry: Applied NMR Spectroscopy (EC III)

Laser Spectroscopy in Physical Chemistry (EC I/II/III)

Solid State Chemistry (EC I/II)

Physics and Chemistry of Interfaces (EC I/II)

Atomic Force Microscopy for Materials and Interface Science (EC III)

Polymer Chemistry II: Synthesis of Polymers (EC II/III)

Polymer Chemistry III: Advanced Topics in Polymer Chemistry (EC II/III)

Multiscale Simulation of Macromolecular Systems and Cells (EC I/II/III)