elective Courses II - Materials and Engineering Science

- 10500 Computational Methods in Materials Science 4CP
- 11271 Exploring the Nanoworld with X-Rays and High-Energy Electrons 3CP
- 11936 Principles of Structure Formation in Nanomaterials 3CP
- 10488 Semiconductor Sensors - Halbleitersensoren 5CP
- 11272 Thin Films 4CP
- 11330 Micro- und Nano Technology 4CP

Elective Courses II - Physics

- 12701 Principles of Scanning Electron Microscopy 2CP
- 13077 Crystal Defects 3CP
- 11273 Micro- and Nanostructured Optics 2CP
- 11981 Nearfield Optics and Plasmonics 3CP
- 13699 Lab Principles of Scanning Electron Microscopy 3CP
- 13443 Lab Principles of Transmission Electron Microscopy 2CP
- 14121 Principles of Transmission Electron Microscopy und Seminar 4CP

Elective Courses II - Chemistry

- 12646 Characterization Techniques for Fuel Cells and Batteries 3CP
- 12035 Colloids Chemistry 3CP
- 11331 Functional Properties of Nanomaterials 3CP
- 11630 Hydrogen as Energy Carrier 3CP
- 11441 Lithium Ion Batteries 3CP
- 12033 Polymeric Materials 3CP
- 11632 Simulation and Modeling 5CP
- 11470 Surface - Interfaces - Heterogeneous Catalysis - Electrocatalysis 5CP
Elective Courses II - Biomaterials in Medicine

- 11269 Biosensors 3CP
- 10942 Cell Interaction with Biomaterials and Imaging Techniques 2CP
- 11270 Cell Mechanics and Interactions with Biomaterials 2CP
- 10909 Polymers in Medicine 2CP

Elective Courses II - Chemistry

- 12646 Characterization Techniques for Fuel Cells and Batteries 3CP
- 12035 Colloids Chemistry 3CP
- 11331 Functional Properties of Nanomaterials 3CP
- 11630 Hydrogen as Energy Carrier 3CP
- 11441 Lithium Ion Batteries 3CP
- 12033 Polymeric Materials 3CP
- 11632 Simulation and Modeling 5CP
- 11470 Surface - Interfaces - Heterogeneous Catalysis - Electrocatalysis 5CP

Elective Courses II - Soft Matter/Biophysics

- 12701 Principles of Scanning Electron Microscopy 2CP
- xxxxxx Biophysics 6CP
- 13443 Lab Principles of Transmission Electron Microscopy 2CP
- 12033 Polymeric Materials 3CP
- 14121 Principles of Transmission Electron Microscopy und Seminar 4CP