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|---|--------------------------|--|
| <b>Module title</b>   |                          | <b>Abbreviation</b>                                |
| Material Science 1 (basic introduction)   |                          | o8-FS1-o62-m01                                     |
| <b>Module coordinator</b>   |                          | <b>Module offered by</b>                           |
| Dean of Studies Funktionswerkstoffe (Functional Materials)  |                          | Chair of Chemical Technology of Material Synthesis |
| <b>ECTS</b>   | <b>Method of grading</b> | <b>Only after succ. compl. of module(s)</b>        |
| 4   | numerical grade          | --   |
| <b>Duration</b>   | <b>Module level</b>      | <b>Other prerequisites</b>                         |
| 1 semester  | undergraduate            | --   |
| <b>Contents</b>   |                          |  |
| This module discusses the fundamental relations between chemical bonding, the structure, the microstructure and the properties of materials.  |                          |  |
| <b>Intended learning outcomes</b>   |                          |  |
| Students have become familiar with the fundamental relations between chemical bonding, the structure, the microstructure and the properties of materials. They have developed the ability to apply them to research problems. |                          |  |
| <b>Courses</b> (type, number of weekly contact hours, language – if other than German)  |                          |  |
| V (no information on SWS (weekly contact hours) and course language available)  |                          |  |
| <b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)  |                          |  |
| --  |                          |  |
| <b>Allocation of places</b>   |                          |  |
| --  |                          |  |
| <b>Additional information</b>   |                          |  |
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| <b>Workload</b>   |                          |  |
| --  |                          |  |
| <b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)  |                          |  |
| --  |                          |  |
| <b>Module appears in</b>  |                          |  |
| Bachelor' degree (1 major) Technology of Functional Materials (2006)  |                          |  |