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| Module title | | Abbreviation |
| Chemically and bio-inspired Nanotechnology for Material Synthesis | | o8-NTM-141-m01 |
| Module coordinator | | Module offered by |
| holder of the Chair of Chemical Technology of Material Synthesis | | Chair of Chemical Technology of Material Synthesis |
| ECTS | Method of grading | Only after succ. compl. of module(s) |
| 5 | numerical grade | -- |
| Duration | Module level | Other prerequisites |
| 1 semester | undergraduate | -- |
| Contents | | |
| German contents available but not translated yet. | | |
| Das Modul gibt eine Einführung in die Synthesemethoden der Sol-Gel Chemie und behandelt die zur Charakterisierung der erzeugten Materialien verwendeten Analyseverfahren. Es beinhaltet Grundprinzipien der Biomineralisation und gibt anhand von Beispielen eine Einführung in die biologisch inspirierte Materialsynthese. | | |
| Intended learning outcomes | | |
| German intended learning outcomes available but not translated yet. | | |
| Der/Die Studierende verfügt über vertiefte Kenntnisse in den Bereichen der Sol-Gel Chemie und der Biomineralisation. | | |
| Courses (type, number of weekly contact hours, language — if other than German) | | |
| V + V (no information on SWS (weekly contact hours) and course language available) | | |
| Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus) | | |
| a) written examination (approx. 90 to 180 minutes) or b) oral examination of one candidate each (approx. 20 to 30 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) log (approx. 20 pages) or e) presentation (approx. 30 minutes). Students will be informed about the type and length of assessment prior to the course. | | |
| Allocation of places | | |
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| Additional information | | |
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| Referred to in LPO I (examination regulations for teaching-degree programmes) | | |
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| Module appears in | | |
| Master's degree (1 major) Chemistry (2014) | | |