

|  |                          |   |
|--|--------------------------|---|
| <b>Module title</b>  |                          | <b>Abbreviation</b>                             |
| Computational Chemistry  |                          | o8-TCM2-141-m01                                 |
| <b>Module coordinator</b>  |                          | <b>Module offered by</b>                        |
| lecturer of lecture "Computational Chemistry"  |                          | Institute of Physical and Theoretical Chemistry |
| <b>ECTS</b>  | <b>Method of grading</b> | <b>Only after succ. compl. of module(s)</b>     |
| 5  | numerical grade          | --  |
| <b>Duration</b>  | <b>Module level</b>      | <b>Other prerequisites</b>                      |
| 1 semester   | graduate                 | --  |
| <b>Contents</b>  |                          |   |
| The module introduces students to computational chemistry.   |                          |   |
| <b>Intended learning outcomes</b>  |                          |   |
| German intended learning outcomes available but not translated yet.  |                          |   |
| Die Studierenden sind in der Lage, die theoretischen Grundlagen der Computational Chemistry zu erklären sowie Methoden der Computational Chemistry anzuwenden.   |                          |   |
| <b>Courses</b> (type, number of weekly contact hours, language – if other than German)   |                          |   |
| S + Ü (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)   |                          |   |
| 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.<br>Language of assessment: German, English |                          |   |
| <b>Allocation of places</b>  |                          |   |
| --   |                          |   |
| <b>Additional information</b>  |                          |   |
| --   |                          |   |
| <b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)   |                          |   |
| --   |                          |   |
| <b>Module appears in</b>   |                          |   |
| Master's degree (1 major) Chemistry (2014)   |                          |   |