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| Module title | | Abbreviation |
| Physical Chemistry for Biology and Food Chemistry Students | | o8-PC-Bio-222-m01 |
| Module coordinator | | Module offered by |
| lecturer of lecture "Thermodynamik, Kinetik, Elektrochemie für Studierende der Biologie and Lebensmittelchemie" | | Institute of Physical and Theoretical Chemistry |
| ECTS | Method of grading | Only after succ. compl. of module(s) |
| 5 | numerical grade | -- |
| Duration | Module level | Other prerequisites |
| 1 semester | undergraduate | Successful completion of the written examination serves as proof of all safety-related skills and is a prerequisite for attendance of the lab course. |
| Contents | | |
| This module deals with basics of thermodynamics, kinetics and electrochemistry. | | |
| Intended learning outcomes | | |
| Students have become familiar with the fundamental principles of thermodynamics, kinetics and electrochemistry. They are able to understand and explain fundamental processes in nature and engineering. | | |
| Courses (type, number of weekly contact hours, language – if other than German) | | |
| V (2) + Ü (1) + P (1) | | |
| Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus) | | |
| written examination (approx. 60 minutes) and assessment of practical skills during lab course (ungraded): Vortestate/Nachtestate (pre and post-experiment exams exams, approx.. 15 minutes each), assessment of practical performance, log (approx. 5 to 10 pages) written examination: once a year, winter semester; lab course: once a year, winter semester | | |
| Allocation of places | | |
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| Additional information | | |
| according to § 2 para. 2 sentence 2 APOLmCh in conjunction with No. 1 2nd letter c) and No. 1 1st letter c) of annex 1 to the APOLmCh and No. 3 of annex 2 to the APOLmCh two booking places according to § 31 para. 4 ASPO: "written examination", "lab course" | | |
| Workload | | |
| 150 h | | |
| Teaching cycle | | |
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| Referred to in LPO I (examination regulations for teaching-degree programmes) | | |
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| Module appears in | | |
| Bachelor' degree (1 major) Biology (2022) | | |