

Module title		Abbreviation
Physical Chemistry for Biology and Food Chemistry Students		o8-PC-Bio-252-m01
Module coordinator		Module offered by
lecturer of lecture "Thermodynamik, Kinetik, Elektrochemie für Studierende der Biologie und 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 (pre-experiment exams), assessment of practical performance, Nachtestate (post-experiment exams), Teststate (exams), approx.. 15 minutes each, 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. I 2nd letter c) and No. I 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's degree (1 major) Food Chemistry (2025)		