

Module title		Abbreviation
Physical Chemistry for Biology Majors		o8-PC-Bio-072-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	--
Contents		
This module deals with basics of thermodynamics, kinetics and electrochemistry.		
Intended learning outcomes		
German intended learning outcomes available but not translated yet.		
Der/Die Studierende verfügt über Grundkenntnisse der Thermodynamik, der Kinetik und der Elektrochemie. Er/Sie ist dadurch befähigt, grundlegende Prozesse in Natur und Technik zu verstehen und zu erläutern.		
Courses (type, number of weekly contact hours, language – if other than German)		
This module comprises 2 module components. Information on courses will be listed separately for each module component.		
<ul style="list-style-type: none"> o8-PC-Bio-1-062: V + Ü (no information on SWS (weekly contact hours) and course language available) o8-PC-Bio-2-072: P (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)		
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.		
<p>Assessment in module component o8-PC-Bio-1-062: Thermodynamics, Kinetics, Electrochemistry (lecture) Thermodynamics, Kinetics, Electrochemistry (lecture)</p> <ul style="list-style-type: none"> 4 ECTS, Method of grading: numerical grade written examination (60 minutes) <p>Assessment in module component o8-PC-Bio-2-072: Physical Chemistry (lecture and lab)</p> <ul style="list-style-type: none"> 1 ECTS, Method of grading: (not) successfully completed Vortestate (pre-experiment exams, approx. 15 minutes each), assessment of practical performance (log approx. 5 to 10 pages), Nachtestate (post-experiment exams, approx. 15 minutes each) Assessment offered: once a year, winter semester 		
Allocation of places		
--		
Additional information		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Bachelor' degree (1 major) Biology (2007)		
Bachelor' degree (1 major) Food Chemistry (2009)		