

Module title		Abbreviation
Physical Chemistry lab (teaching degree for secondary schools)		o8-PC-Prakt-LAGY-o92-mo1
Module coordinator		Module offered by
lecturers Physikalische Chemie (Physical Chemistry)		Institute of Physical and Theoretical Chemistry
ECTS	Method of grading	Only after succ. compl. of module(s)
3	(not) successfully completed	o8-PC-TKE-LAGY
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
German contents available but not translated yet.		
Das Modul bietet die Möglichkeit, das Wissen der Grundvorlesung(en) praktisch anzuwenden. Die Studierenden experimentieren nach einer Sicherheitseinweisung selbstständig im Labor. Neben der Durchführung der Versuche wird das Wissen der Studierenden in Kolloquien und Protokollen geprüft.		
Intended learning outcomes		
German intended learning outcomes available but not translated yet.		
Die Studierenden sind in der Lage, theoretische Konzepte der Thermodynamik, Kinetik, Elektrochemie und Spektroskopie mit praktischen Versuchen im Labor zu vernetzen. Er/Sie kann erhaltene Messwerte inhaltlich, graphisch mit geeigneten Computerprogrammen sowie rechnerisch analysieren.		
Courses (type, number of weekly contact hours, language – if other than German)		
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)		
pre/post-experiment examination talks (Vor-/Nachtestate, approx. 15 minutes each), log (approx. 5 to 10 pages) Assessment offered: once a year, winter semester Language of assessment: German or English		
Allocation of places		
--		
Additional information		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
§ 62 (1) 1. Chemie "Allgemeine und Anorganische Chemie"; "Physikalische und Analytische Chemie"		
Module appears in		
First state examination for the teaching degree Gymnasium Chemistry (2009)		