

<b>Module title</b>		<b>Abbreviation</b>
Advanced Physical Chemistry (Lab)		o8-PCM1b-161-m01
<b>Module coordinator</b>		<b>Module offered by</b>
lecturer of seminar "Laserspektroskopie" (Laser Spectroscopy)		Institute of Physical and Theoretical Chemistry
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	(not) successfully completed	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
	graduate	--
<b>Contents</b>		
German contents available but not translated yet.		
Das Modul bietet die Möglichkeit, moderne experimentelle Methoden der Physikalischen Chemie im Labor durchzuführen. Die Studierenden arbeiten nach einer Sicherheitseinweisung selbstständig im Labor. Durch Vor-, Nachtstate und Protokolle wird das Wissen der Studierenden geprüft.		
<b>Intended learning outcomes</b>		
German intended learning outcomes available but not translated yet.		
Die Studierenden können moderne experimentelle Methoden der Physikalischen Chemie sicher praktisch durchführen. Er/Sie kann erhaltene Messwerte inhaltlich und graphisch mit geeigneten Computerprogrammen sowie rechnerisch analysieren und in einem wissenschaftlichen Protokoll formulieren.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
P (4) Module taught in: German or English		
<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)		
Vortestate/Nachtstate (pre and post-experiment examination talks approx. 15 minutes each, log approx. 5 to 10 pages each) and assessment of practical performance (2 to 4 random examinations) Language of assessment: German and/or 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 (2016) Master's degree (1 major) Mathematics (2016) Master's degree (1 major) Computational Mathematics (2016) Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016) Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016) Master's degree (1 major) Chemistry (2018) Master's degree (1 major) Computational Mathematics (2019) Master's degree (1 major) Mathematics (2019) Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020) Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)		