

<b>Module title</b>		<b>Abbreviation</b>
Applied Spectroscopy 3		o8-PS3-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
lecturer of lecture "Praktische Spektroskopie 3"		Institute of Physical and Theoretical Chemistry
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
German contents available but not translated yet.		
Das Modul bietet die Möglichkeit, das theoretische Wissen über spektroskopische Methoden praktisch umzusetzen und die erhaltenen Messwerte bzw. Graphen zu interpretieren. Im Detail werden UV/VIS-, Fluoreszenz- und Schwingungsspektren aufgenommen sowie analysiert. Im Modul werden zudem moderne Methoden der Massenspektrometrie behandelt.		
<b>Intended learning outcomes</b>		
German intended learning outcomes available but not translated yet.		
Die Studierenden sind in der Lage, verschiedene Spektrometer zu bedienen und das erhaltene Spektrum zu interpretieren. Er/Sie kann eine Fehlerdiskussion durchführen.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (3)		
<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)		
a) written examination (approx. 90 to 180 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or d) log (approx. 20 pages) or e) presentation (approx. 30 minutes) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Bachelor' degree (1 major) Chemistry (2015) Bachelor' degree (1 major) Functional Materials (2015) Master's degree (1 major) Functional Materials (2016) Bachelor' degree (1 major) Chemistry (2017)		