

<b>Module title</b>		<b>Abbreviation</b>
Solid State Chemistry, Spectroscopic Methods, Organoelement Chemistry		o8-AC-FSE-152-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
lecturers of lecture "Festkörperchemie" (Solid State Chemistry) and "Elementorganische Chemie" (Elemental Organic Chemistry)		Institute of Inorganic Chemistry
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
12	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
2 semester	undergraduate	--
<b>Contents</b>		
The module imparts deepened knowledge of metals, alloys, salt-like compounds and organometallics. Focuses are structure and characteristics, special substance classes, reactivity and technical processes.		
<b>Intended learning outcomes</b>		
The student can correctly outline the structure and characteristics of metals, alloys, salt-like compounds and organometallics. He/She is able to systemize them and to characterize them with regard to their structure and reactivity. He/She can develop and describe principles of synthesis for elementorganic compounds. He/She can list and describe appropriate spectroscopical methods for the structural analysis of solid materials.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V (2) + V (2) + V (3) + Ü (1)		
<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>		
--		
<b>Additional information</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Bachelor' degree (1 major) Chemistry (2015) Bachelor' degree (1 major) Chemistry (2017)		