

<b>Module title</b>		<b>Abbreviation</b>
Quantitative Inorganic Chemistry for Food Chemistry Students		o8-LMC-AC2-152-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Food Chemistry		Institute of Pharmacy and Food 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>		
Reaction equation, stoichiometry and reaction of elements and substance groups. Quantitative inorganic analysis, with focus on elements frequently occurring in foods, and environment or which are of toxicological interest.		
<b>Intended learning outcomes</b>		
The students know appropriate analytical methods for the quantitation of inorganic ions. After formulation of the chemical reaction and its stoichiometry the students can calculate the amount of an analyte in the samples.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
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 (60 to 120 minutes) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes total)		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Pursuant to Section 2 Subsection 2 Sentence 2 Verordnung über die Ausbildung und Prüfung der Staatlich geprüften Lebensmittelchemikerinnen und Lebensmittelchemiker (Regulation on the training and examination of state-certified food chemists, APOLmCh) in conjunction with No. I 2. Letter a) and No. I 1. Letter a) of Annex 1 of APOLmCh and No. 1 of Annex 2 of APOLmCh.		
<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) Food Chemistry (2015) Bachelor' degree (1 major) Food Chemistry (2016) Bachelor' degree (1 major) Food Chemistry (2019)		