

Module title		Abbreviation
Quantitative Inorganic Analysis for Food Chemistry Students		o8-LMC-AC3-092-m01
Module coordinator		Module offered by
holder of the Chair of Food Chemistry		Institute of Pharmacy and Food Chemistry
ECTS	Method of grading	Only after succ. compl. of module(s)
14	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Reaction equation, stoichiometry and reaction of elements and substance groups. Quantitative inorganic analysis, with focus on elements frequently occurring in (drinking) water, and environment or which are of toxicological interest.		
Intended learning outcomes		
German intended learning outcomes available but not translated yet.		
Die Studierenden recherchieren selbstständig in der verfügbaren Literatur die Zusammensetzung und Analytik verschiedener Trink- und Brauchwässer hinsichtlich ihrer anorganischen Inhaltsstoffe und stellen sie in einer Präsentation vor. Sie wählen geeignete Methoden aus, analysieren verschiedene Wasserproben, verifizieren die Genauigkeit ihrer Analyse und interpretieren anhand relevanter Kennzahlen die Ergebnisse.		
Courses (type, number of weekly contact hours, language – if other than German)		
P + S + S (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)		
oral examinations of one candidate each during lab course (approx. 15 minutes), talk (approx. 20 minutes), proof of correctness and reproducibility of analyses including documentation in lab notebook in the form of logs of analyses (approx. 8 pages per analysis, approx. 80 pages total)		
Allocation of places		
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Additional information		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Food Chemistry (2009)		