

Module title		Abbreviation
General and Inorganic Chemistry for Food Chemistry Students		o8-LMC-AC1-092-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		
<p>Basic concepts of inorganic chemistry, nomenclature, atomic structure and periodic system; types of chemical bondings, intermolecular binding forces, solutions and heterogeneous systems, basics in thermodynamics and kinetics of chemical reactions, chemical equilibrium, law of mass action, acid/base systems and redox systems, reaction equation and stoichiometry (occurrence, presentation, properties, formula (molecular and structural formula, and stereoisomerism)) and reaction of elements and substance groups as well as their qualitative inorganic analysis, with special on elements frequently occurring in foods, and environment or which are of toxicological interest.</p>		
Intended learning outcomes		
<p>German intended learning outcomes available but not translated yet.</p> <p>Sicheres und sauberes Arbeiten im Labor. Qualitative Analyse anorganischer Ionen und Ionengemischen im Trinkwasser.</p>		
Courses (type, number of weekly contact hours, language – if other than German)		
V + P + 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)		
written examination (approx. 120 minutes)		
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)		