

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		
Essential concepts and basic laws; nomenclature, atoms and the periodic table of elements; types of chemical bonds, intramolecular forces, solutions and heterogeneous systems; fundamental principles of thermodynamics and chemical kinetics; chemical equilibrium; the law of mass action; acid-base systems and redox systems; chemical equations and stoichiometry, chemical behaviour of reactants (elements and categories of substances) as well as their qualitative inorganic analysis with a special focus on elements commonly found in foods that may pose environmental or toxicological risks.		
Intended learning outcomes		
Safe and hygienic laboratory practices. Qualitative analysis of inorganic ions and ion mixtures in drinking water.		
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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Workload		
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Teaching cycle		
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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)		