

Module title		Abbreviation
Analysis and Evaluation of Food-stuffs, Cosmetics, Commodities, Tobacco Products, and Animal Feed		o8-LMC-LMCPM-212-mo1
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)
6	numerical grade	--
Duration	Module level	Other prerequisites
2 semester	graduate	--
Contents		
Quantitative analysis of relevant ingredients of foodstuffs, tobacco products, cosmetics, commodities and animal feed by applying appropriate calibration and validation strategies. Basic concepts, technological processes, quality and monitoring in the field of animal feed.		
Intended learning outcomes		
The students can select an appropriate method for the quantitative analysis of foodstuffs, tobacco products, cosmetics, commodities and animal feed and develop a calibration strategy considering analyte- and matrix-dependent characteristics. They can confirm the validity of test results by selecting suitable validation parameters and evaluate the test results with respect to scientific issues. Due to basic knowledge in the field of products, technology and monitoring of animal feed as well as in the field of animal feeding, the students are able to understand the link between quality of animal feed and quality of foodstuffs and to identify critical parameters in the quality of animal feed.		
Courses (type, number of weekly contact hours, language – if other than German)		
P (8) + S (1) + S (1)		
Method of assessment (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) Language of assessment: German or English		
Allocation of places		
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Additional information		
Pursuant to Section 20 Subsection 2 Sentence 1 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 1. of Annex 3 of APOLmCh and Section 20 Subsection 3 Sentence 1 APOLmCh. 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. II 1. Letter a and No. II 2. Letters a and c of Annex 1 of APOLmCh.		
Workload		
180 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Food Chemistry (2021)		

