Module title			Abbreviation
Analysis and Evaluation of Food-stuffs, Cosmetics, Commodities, Tobacco Products, and Animal Feed			08-LMC-LMCPM-212-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)**	
6	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
2 semester	graduate	--	

Contents

Quantitative analysis of relevant ingredients of foodstuffs, tabacco products, cosmetics, commodities and animal feed by applying appropriate calibration and validation strategies. Basic concepts, technological processes, qualitiy and monitoring in the field of animal feed.

Intended learning outcomes

The students can select an appropriate method for the quantitative analysis of foodstuffs, tabacco products, cosmetics, commodities and animal feed and develop a calibration strategy considering analyte-and matrix-dependent characteristics. They can confim 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)

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