

<b>Module title</b>		<b>Abbreviation</b>
Advanced Laboratory Course in Environmental Analysis		o8-LMC-WPV2-122-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Food Chemistry		Institute of Pharmacy and Food Chemistry
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	In accordance with Section 2 Subsection 2 Sentence 2 APOLmCh (Verordnung über die Ausbildung und Prüfung der Staatlich geprüften Lebensmittelchemikerinnen und Lebensmittelchemiker, Regulation on the training and examination of state-certified food chemists) in connection with No. II 1. Letter d and No. II 2. Letter g of Annex 1 of APOLmCh.
<b>Contents</b>		
Trace analysis by gas or liquid chromatography-mass spectrometry.		
<b>Intended learning outcomes</b>		
Students are able to perform qualitative and quantitative analyses of environmental contaminants or residues in environmental samples using common mass spectrometric methods.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
P (no information on SWS (weekly contact hours) and course language available)		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
lab course assessment components: Vortestate and Nachtestate (pre and post-experiment exams, approx. 15 minutes), assessment and documentation of practical performance (approx. 10 pages) and written report (approx. 5 to 10 pages) Language of assessment: German or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
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<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Food Chemistry (2012)		