

<b>Module title</b>		<b>Abbreviation</b>
Advanced Laboratory Courses in the Toxicology of Food		o8-LMC-WPV1-122-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>		
Cell culturing techniques, extended toxicity tests (e.g. genotoxicity testing, reporter gene assays).		
<b>Intended learning outcomes</b>		
Students are able to culture adherent and suspension cells independently. They are able to perform toxicity tests under guidance in order to determine the biological potential of constituents of foods, cosmetics, consumer goods or tobacco products.		
<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)		