

Module title		Abbreviation
Introduction to Molecular Biological Analysis for Food Chemistry Students		o8-LMC-MBA-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)
5	numerical grade	o8-LMC-IA, o8-LMC-LMA, o8-LMC-LMo, lab course of module o8-LMC-LMC2
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Theoretical and practical principles of methods in molecular biology.		
Intended learning outcomes		
Students are able to perform essential molecular biological techniques for DNA isolation, polymerase chain reaction, agarose gel electrophoresis and restriction enzyme digestion. They can interpret molecular biological data independently.		
Courses (type, number of weekly contact hours, language – if other than German)		
S + P (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)		
completion of written theoretical assignments (4 to 5 assignments, 30 minutes each), completion of practical assignments as specified by the lecturer including documentation in lab notebook in the form of logs of analyses (approx. 20 pages total)		
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's degree (1 major) Food Chemistry (2009)		