

Module title		Abbreviation
Organic Chemistry Including Nomenclature and Stereochemistry for Food Chemistry Students		o8-LMC-OC-152-m01
Module coordinator		Module offered by
holder of the Chair of Medicinal and Pharmaceutical Chemistry		Institute of Pharmacy and Food Chemistry
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
<p>Fundamental principles, e.g. nomenclature, types of chemical bonds; sum formulas, structural formulas; reaction types and mechanisms; chemical characteristics; chemical behaviour of reactants (important bonding classes and, in particular, naturally occurring substances); chemistry of functional groups and categories of substances; structure and reactivity; fundamental principles of synthetic and biopolymers.</p> <p>Stereochemistry and nomenclature of important bonding classes and, in particular, naturally occurring substances.</p>		
Intended learning outcomes		
<p>Students understand fundamental reaction mechanisms and are able to predict the behaviour and properties of chemical compounds on the basis of their functional groups.</p> <p>Students have learned the IUPAC rules for naming organic compounds. They have become familiar with the trivial names of compounds and know how to translate the name of a compound into its structural formula. They grasp key concepts and the significance of stereochemistry and have learned rules for naming stereochemical compounds.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (1) + S (1) + V (1) + V (3)		
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)		
Allocation of places		
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Additional information		
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. I 2. Letter b) and No. I 1. Letter b) of Annex 1 of APOLmCh and No. 2 of Annex 2 of APOLmCh.		
Workload		
300 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		
Bachelor' degree (1 major) Food Chemistry (2015) Bachelor' degree (1 major) Food Chemistry (2016)		

