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| Module title | | Abbreviation |
| Quantitative Inorganic Chemistry for Food Chemistry Students | | o8-LMC-AC2-152-mo1 |
| 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 | -- |
| Duration | Module level | Other prerequisites |
| 1 semester | undergraduate | -- |
| Contents | | |
| Chemical equations and stoichiometry, chemical behaviour of reactants (elements and categories of substances) as well as their quantitative inorganic analysis with a special focus on elements commonly found in foods that may pose environmental or toxicological risks. | | |
| Intended learning outcomes | | |
| Students know suitable methods for the quantification of inorganic ions. They understand how the concentrations of analytes in samples are calculated and are able to calculate those concentrations themselves. | | |
| Courses (type, number of weekly contact hours, language – if other than German) | | |
| V (3) + Ü (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) | | |
| 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 a) and No. I 1. Letter a) of Annex 1 of APOLmCh and No. 1 of Annex 2 of APOLmCh. | | |
| Workload | | |
| 150 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) Bachelor' degree (1 major) Food Chemistry (2019) | | |