

Module title		Abbreviation
Modern Bio Analytical Methods (Lecture and practical course)		o8-FU-MAM-152-mo1
Module coordinator		Module offered by
degree programme coordinator Funktionswerkstoffe (Functional Materials)		Chair of Chemical Technology of Material Synthesis
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Basics of analytics, gravimetric techniques, titrations, chromatography, spectroscopy (UV-VIS, IR, Raman, emission, fluorescence, NMR etc.), surface and structure analytics.		
Intended learning outcomes		
The students acquire basic knowledge in modern analytical and bio-analytical methods.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (2) + P (2)		
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 (approx. 90 to 180 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or d) log (approx. 20 pages) or e) presentation (approx. 30 minutes) Assessment offered: Once a year, summer semester Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
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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) Functional Materials (2015)		