

Module title		Abbreviation
Mathematics for students in Chemistry and Biochemistry		10-M-MCH-172-m01
Module coordinator		Module offered by
Dean of Studies Mathematik (Mathematics)		Institute of Mathematics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Functional relations, differentiation and integration of functions in one variable, curve sketching, differentiation and integration of functions in several variables, curve integrals, matrix calculus, power series.		
Intended learning outcomes		
The student is able to recognise and phrase questions from natural sciences as mathematical problems, apply basic mathematical methods to them and interpret the results.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (3) + Ü (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)		
written examination (approx. 90 to 120 minutes) and written exercises (approx. 25)		
Allocation of places		
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Additional information		
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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) Biochemistry (2017) Bachelor' degree (1 major) Chemistry (2017) Module studies (Bachelor) Orientierungsstudien (2020) Bachelor' degree (1 major) Biochemistry (2022) exchange program Mathematics (2023)		