Module title | Mathematics for students in Chemistry and Biology
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Abbreviation | 10-M-MCB-072-m01

Module coordinator | Dean of Studies Mathematik (Mathematics)
Module offered by | Institute of Mathematics

ECTS | 5
Method of grading | numerical grade
Only after succ. compl. of module(s) | --

Duration | 1 semester
Module level | undergraduate
Other prerequisites | --

Contents
Functional relations, differentiation and integration of functions in one variable, curve sketching, differentiation of functions in several variables, power series, ordinary differential equations, systems of linear equations, basic notions in statistics.

Intended learning outcomes
The student is able to recognise and phrase simple questions from natural sciences as mathematical problems, apply basic mathematical methods to them and interpret the results.

Courses
This module comprises 2 module components. Information on courses will be listed separately for each module component.

- 10-M-MCB-1-072: V (no information on SWS (weekly contact hours) and course language available)
- 10-M-MCB-2-072: Ü (no information on SWS (weekly contact hours) and course language available)

Method of assessment
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

Assessment in module component 10-M-MCB-1-072: Mathematics for students in Chemistry and Biology
- 3 ECTS, Method of grading: numerical grade
- written examination (120 minutes)

Assessment in module component 10-M-MCB-2-072: Exercises in Mathematics for students in Chemistry and Biology
- 2 ECTS, Method of grading: (not) successfully completed
- exercises (to be submitted on a weekly basis, written examination)

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) Biology (2007)
Bachelor' degree (1 major) Chemistry (2007)
Bachelor' degree (1 major) Chemistry (2008)