

Course Manual MA2

Mathematics 2

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– General information

Long name Mathematics 2

Approving CModule [MA2 BaMT](#)

Responsible Prof. Dr. Dietmar Kunz
Professor Fakultät IME im Ruhestand

Valid from summer semester 2021

Valid until (incl.) summer semester 2022

Remarks The course will be replaced by courses held by other teachers.

Level Bachelor

Semester in the year summer semester

Duration Semester

Hours in self-study 174

ECTS 10

Professors Prof. Dr. Dietmar Kunz
Professor Fakultät IME im Ruhestand

Requirements tangible school knowledge
Mathematics 1

Language German

Separate final exam Yes

Literature

Fetzer/Frankel: Mathematik

Papula: Mathematik

Final exam

Details Writte exam. The exam consists of problems similar to those used in the exercises. The students should show that they are able to apply the mathematical subjects to the presented problems.

Minimum standard All important steps are result in points. For passing the exam, 50% of the maximum number of points is sufficient.

Exam Type EN Klausur

– Lecture / Exercises

Learning goals

Goal type	Description
Knowledge	complex numbers linear algebra multidimensional differential and integral calculus ordinary differential equations

Special requirements

none

Accompanying material	electronic presentation sheets, electronic sample exams
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Separate exam	No
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Expenditure classroom teaching

Type	Attendance (h/Wk.)
Lecture	5
Tutorial (voluntary)	0

– Lecture / Exercises

Learning goals

Goal type	Description
Skills	Solve exercises to the subjects at hand.

Expenditure classroom teaching

Type	Attendance (h/Wk.)
Exercises (whole course)	2
Exercises (shared course)	0
Tutorial (voluntary)	2

Special requirements

none

Accompanying material electronic collection of exercises
problems
solutions

Separate exam Yes

Separate exam

Exam Type EN Übungsaufgabe mit fachlich / methodisch eingeschränktem Fokus lösen

Details Regular written selected exercise homework problems. The solution of the problem must be seriously tried but need not be correct.

Minimum standard 80 % of required exercise problems must be delivered