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| <b>Module title</b>  |                          | <b>Abbreviation</b>  |
| Mathematics for students in Chemistry and Biology  |                          | 10-M-MCB-132-m01   |
| <b>Module coordinator</b>  |                          | <b>Module offered by</b>   |
| Dean of Studies Mathematik (Mathematics)   |                          | Institute of Mathematics   |
| <b>ECTS</b>  | <b>Method of grading</b> | <b>Only after succ. compl. of module(s)</b>  |
| 5  | numerical grade          | --   |
| <b>Duration</b>  | <b>Module level</b>      | <b>Other prerequisites</b>   |
| 1 semester   | undergraduate            | Admission prerequisite to assessment: successful completion of exercises (approx. 25 to 30 hours). |
| <b>Contents</b>  |                          |  |
| 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. |                          |  |
| <b>Intended learning outcomes</b>  |                          |  |
| 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.   |                          |  |
| <b>Courses</b> (type, number of weekly contact hours, language – if other than German)   |                          |  |
| V + Ü (no information on SWS (weekly contact hours) and course language available)   |                          |  |
| <b>Method of assessment</b> (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)  |                          |  |
| <b>Allocation of places</b>  |                          |  |
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| <b>Additional information</b>  |                          |  |
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| <b>Workload</b>  |                          |  |
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| <b>Teaching cycle</b>  |                          |  |
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| <b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)   |                          |  |
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| <b>Module appears in</b>   |                          |  |
| Bachelor' degree (1 major) Biochemistry (2013)<br>Bachelor' degree (1 major) Biology (2013)  |                          |  |
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