

<b>Module title</b>		<b>Abbreviation</b>
Basic Mathematics		o8-PC-EKM-152-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
lecturer of block course "Mathematik" (Mathematics)		Institute of Physical and Theoretical Chemistry
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
2	(not) successfully completed	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
This module provides an introduction to mathematical concepts and methods used in physical/theoretical chemistry. It trains students in those methods with the help of examples taken from thermodynamics and kinetics.		
<b>Intended learning outcomes</b>		
Students have been trained in mathematical methods. They are able to apply those methods to problems in chemistry.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V (1) + Ü (1)		
<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 exercises (approx. 20) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
60 h		
<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>		
First state examination for the teaching degree Gymnasium Chemistry (2015)		