

<b>Module title</b>		<b>Abbreviation</b>
Programming course for Chemistry Major		o8-PKC-102-m01
<b>Module coordinator</b>		<b>Module offered by</b>
lecturer of lecture "Programmierkurs für Chemiker"		Institute of Physical and Theoretical Chemistry
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	(not) successfully completed	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	Admission prerequisite to assessment: successful completion of exercises in the respective classes as specified at the beginning of the course (usually 70% of exercises to be successfully completed) as well as regular attendance of exercises (usually a maximum of 2 incidents of unexcused absence).
<b>Contents</b>		
This module provides an introduction to the fundamentals of a programming language and discusses how they can be applied to problems in chemistry.		
<b>Intended learning outcomes</b>		
Students are able to describe the fundamentals of the programming language and to apply them to problems in chemistry.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
S + 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)		
practical examination: completion of programming exercises and oral description of algorithms used Language of assessment: German, English		
<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) Chemistry (2010) Bachelor' degree (1 major) FOKUS Chemistry (2011) Bachelor' degree (1 major) Functional Materials (2012)		