

<b>Module title</b>		<b>Abbreviation</b>
Experiments in Chemical Education		o8-FD-ExUnt-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Didactics of Chemistry		Institute of Inorganic Chemistry
<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	--
<b>Contents</b>		
This module equips students with experimental skills and teaches them how to incorporate experiments into their lessons.		
<b>Intended learning outcomes</b>		
Students have learned some essential experiments for the chemistry classroom in Grundschule and Hauptschule schools and have developed the ability to safely perform them. They have developed the ability to design their own experiments, tailor them to their teaching goals and to incorporate them into their lessons.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
This module comprises 2 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"> <li>• o8-FD-ExUnt-1-092: Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>• o8-FD-ExUnt-2-092: S (no information on SWS (weekly contact hours) and course language available)</li> </ul>		
<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)		
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.		
<p><b>Assessment in module component o8-FD-ExUnt-1-092:</b> Experiments in Chemical Teaching at Primary and Secondary Public Schools</p> <ul style="list-style-type: none"> <li>• 4 ECTS, Method of grading: numerical grade</li> <li>• presentation with demonstration (approx. 30 minutes)</li> <li>• Language of assessment: German or English</li> </ul> <p><b>Assessment in module component o8-FD-ExUnt-2-092:</b> Planning of Teaching Units</p> <ul style="list-style-type: none"> <li>• 1 ECTS, Method of grading: numerical grade</li> <li>• presentation (approx. 20 minutes)</li> <li>• Language of assessment: German or English</li> </ul>		
<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)		
§ 36 (1) 7. Didaktik der Grundschule Chemie § 38 (1) 1. Didaktik der Hauptschule Chemie § 38 (1) 1. Didaktik der Mittelschule Chemie § 42 Chemie Fachdidaktik		

**Module appears in**

First state examination for the teaching degree Grundschule Chemistry (2009)

First state examination for the teaching degree Grundschule Didactics in Chemistry (Primary School) (2009)

First state examination for the teaching degree Hauptschule Chemistry (2009)

First state examination for the teaching degree Hauptschule Didactics in Chemistry (Secondary School) (2009)

First state examination for the teaching degree Sonderpädagogik Didactics in Chemistry (Secondary School) (2009)

First state examination for the teaching degree Sonderpädagogik Didactics in Chemistry (Middle School) (2013)

First state examination for the teaching degree Mittelschule Chemistry (2013)

First state examination for the teaching degree Mittelschule Didactics in Chemistry (Middle School) (2013)