

<b>Module title</b>		<b>Abbreviation</b>
Theoretical Chemistry - Project course quantum chemistry		o8-TCAP1-161-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
head of the research group offering the module		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	graduate	--
<b>Contents</b>		
<p>This module gives students the opportunity to get involved in the work of one of the research groups based at the Institute of Theoretical Chemistry and learn some of the methods typically used in the discipline. The focus will be on quantum chemistry.</p>		
<b>Intended learning outcomes</b>		
<p>Students have learned some of the methods typically used in theoretical chemistry and, in particular, in quantum chemistry. They are able to explain issues that are relevant to the field of quantum chemistry.</p>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
P (5)		
<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)		
<p>presentation (approx. 30 minutes)          Language of assessment: German and/or English</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Additional information on module duration: block taught lab course with approx. 20 working days.		
<b>Workload</b>		
150 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>		
<p>Master's degree (1 major) Chemistry (2016)          Master's degree (1 major) Mathematics (2016)          Master's degree (1 major) Computational Mathematics (2016)          Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)          Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)          Master's degree (1 major) Chemistry (2018)          Master's degree (1 major) Computational Mathematics (2019)          Master's degree (1 major) Mathematics (2019)          Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)          Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)          Master's degree (1 major) Computational Mathematics (2022)          Master's degree (1 major) Mathematics (2022)          Master's degree (1 major) Chemistry (2024)          Master's degree (1 major) Computational Mathematics (2024)</p>		



Master's degree (1 major) Mathematics (2024)