

Module title		Abbreviation
Advanced NMR- and Mass Spectrometry		o8-OCM-NMRMS-141-mo1
Module coordinator		Module offered by
lab course supervisor		Institute of Organic Chemistry
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module equips students with an advanced knowledge of NMR and mass spectrometry. It offers deeper insights into the theoretical principles of the two measuring techniques and includes exercises that give students the opportunity to learn how to evaluate complicated spectra and use a spectrometer.</p>		
Intended learning outcomes		
<p>Students are able to discuss NMR and mass spectroscopy demonstrating a high degree of expertise in the field. They are able to experiment with both spectrometers and analyse complicated spectra.</p>		
Courses (type, number of weekly contact hours, language – if other than German)		
P (no information on SWS (weekly contact hours) and course language available)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 90 to 180 minutes) or b) oral examination of one candidate each (approx. 20 to 30 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) log (approx. 20 pages) or e) presentation (approx. 30 minutes). Students will be informed about the type and length of assessment prior to the course. Language of assessment: German, English</p>		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Chemistry (2014)		