

Module title		Abbreviation
Research oriented practical course in functional materials		o8-FMFM2-132-m01
Module coordinator		Module offered by
focus point coordinator "Functional Materials"		Chair of Chemical Technology of Material Synthesis
ECTS	Method of grading	Only after succ. compl. of module(s)
8	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module deepens special synthesis and analysis methods in the field of Functional Materials. The students work independently in the laboratory, record their research results in a report and present them in a scientific talk.		
Intended learning outcomes		
German intended learning outcomes available but not translated yet.		
Die Studierenden sind in der Lage, anspruchsvolle materialwissenschaftliche Synthese- und Analysemethoden experimentell durchzuführen sowie die erhaltenen Ergebnisse auszuwerten. Er/Sie kann Forschungsergebnisse in einem wissenschaftlichen Bericht formulieren und in einem Vortrag präsentieren.		
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)		
Research lab course in two 4-week blocks: a) 2 pieces of practical work with 2 lab reports (approx. 20 pages each) and b) 2 talks with discussion (approx. 15 minutes each). Research lab course in one 8-week block: c) one piece of practical work with lab report (approx. 40 pages) and d) talk with discussion (approx. 30 minutes) Language of assessment: German, English		
Allocation of places		
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Additional information		
Additional information on module duration: block lab course: two 4-week blocks or one 8-week block.		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) FOKUS Chemistry (2013)		