

Module title		Abbreviation
Chemical Technology of Inorganic Nano and Micro Particles		o8-FU-PART-161-m01
Module coordinator		Module offered by
degree programme coordinator Funktionswerkstoffe (Functional Materials)		Chair of Chemical Technology of Material Synthesis
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Technological significance of small inorganic particles, their properties und fundamental methods of particle synthesis. Characterization of small particles and structure-property relationships. Introduction of important particle materials. Applications and laboratory course.		
Intended learning outcomes		
Students gain advanced knowledge in nano- and microparticles.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (2) + P (2)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 90 to 180 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or d) log (approx. 20 pages) or e) presentation (approx. 30 minutes) Assessment offered: Once a year, winter semester Language of assessment: German and/or English P: creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Functional Materials (2016)		