

Module title		Abbreviation
Technology of Sensor and Actor Materials including Smart Fluids		o8-SAM-092-m01
Module coordinator		Module offered by
holder of the Chair of Chemical Technology of Material Synthesis		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		
German contents available but not translated yet.		
Herstellung, Wirkungsweise und Anwendungen sensorischer und aktorischer Materialien wie Piezoelektrika, Formgedächtnismaterialien, magnetostruktive Materialien. Elektrorheologische und magnetorheologische Flüssigkeiten, Magnetofluide.		
Intended learning outcomes		
German intended learning outcomes available but not translated yet.		
Der/Die Studierende verfügt über grundlegende Kenntnisse im Bereich der sensorischen und aktorischen Materialien.		
Courses (type, number of weekly contact hours, language — if other than German)		
V + 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)		
written examination (90 minutes)		
Allocation of places		
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Additional information		
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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) Physics (2010)		
Master's degree (1 major) Physics (2011)		
Master's degree (1 major) Technology of Functional Materials (2010)		
Master's degree (1 major) Technology of Functional Materials (2009)		
Master's degree (1 major) Nanostructure Technology (2011)		
Master's degree (1 major) Nanostructure Technology (2010)		