

Module title		Abbreviation
Molecular Materials (Lecture and practical course)		o8-CT-102-m01
Module coordinator		Module offered by
Dean of Studies Funktionswerkstoffe (Functional Materials)		Chair of Chemical Technology of Material Synthesis
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	o8-FS2
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
This module discusses the theoretical and practical principles of molecular and soft materials.		
Intended learning outcomes		
Students have developed a knowledge of the principles of molecular and soft materials and are able to apply that knowledge to research problems.		
Courses (type, number of weekly contact hours, language — if other than German)		
This module comprises 2 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"> • o8-CT-1-101: V + Ü (no information on SWS (weekly contact hours) and course language available) • o8-CT-2-102: 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)		
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments. <p>Assessment in module component o8-CT-1-101: Molecular Materials (Lecture) Molecular Materials (Lecture)</p> <ul style="list-style-type: none"> • 5 ECTS, Method of grading: numerical grade • presentation (approx. 30 minutes) and a) 1 to 3 written examinations (1 written examination: 90 minutes; 2 written examinations: 60 or 90 minutes each; 3 written examinations: 60 minutes each) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes) <p>Assessment in module component o8-CT-2-102: Molecular Materials (Practical Course)</p> <ul style="list-style-type: none"> • 5 ECTS, Method of grading: (not) successfully completed • Vortestate (pre-experiment exams, approx. 15 minutes each) and logs (approx. 5 pages each) 		
Allocation of places		
Information on the allocation of places will be listed separately for each module component. <ul style="list-style-type: none"> • o8-CT-2-102: Students from the Faculty of Chemistry: no restrictions. Nanostrukturtechnik (Nanostructure Technology): 4. Should there be more than 4 applications from students of Nanostrukturtechnik (Nanostructure Technology), places will be allocated among these applicants as follows: (1) Places will be allocated by lot. (2) Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in a standardised procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration. (3) A waiting list will be maintained and places re-allocated as they become available. • o8-CT-1-101: -- 		
Additional information		
--		
Workload		
--		



Teaching cycle

--

Referred to in LPO I (examination regulations for teaching-degree programmes)
--

--

Module appears in

Bachelor' degree (1 major) Nanostructure Technology (2010)
--