Course offer for the winter semester 2022/2023*)

M.Sc. Structural Chemistry and Spectroscopy

1st/3rd semester

Induction

Induction meeting: 28 September 2022, 01:00 pm
For Zoom link see info paper

Information for new students:
www.chemie.uni-leipzig.de/en/study/during-your-studies/start-of-studies

Obligatory modules // Classes start: 10 October 2022

Schedule			Location
Monday			
11.15 am -12.45 pm	L/S	Chemistry of natural products / *13-121-0321*	HS 04
Tuesday			
01.15 – 02.45 pm	L/S	Chemistry of natural products / *13-121-0321*	HS 04

Physical Chem. (1 module min.)

In the course of your studies, you will need to take at least one of the modules listed below:

- Physical Chemistry of Clusters / 13-121-0420 (winter semester, cf. list of choice obligatory modules)
- Function Control at Complex Surfaces / 13-121-0422 (winter semester)
- Surface Spectroscopy - Methods and Applications / 13-121-0423 (summer semester)
- Modern Methods in Theoretical Chemistry / 13-121-0621 (summer semester)

New: The module “NMR on Biosystems” (13-122-0121) will be offered in the summer semester.

Professors:
Chemistry of natural products Dr. Kries

Choice Obligatory Modules

	Schedule	Location
	Bioorganic chemistry / *11-121-1112* / Prof. Dr. Beck-Sickinger & staff	
L	Monday, 08.30-10.00 am 17.10.2022-31.01.2023 Induction: 10.10.2022 at 08.15-09.45 am	Beckmann-HS, Brüderstr. 34
S	Monday, 5.00-6.30 pm Wednesday, 5.00-6.30 pm In groups, 7 appointments per person	Beckmann-HS, Brüderstr. 34 Beckmann-HS, Brüderstr. 34
	Spurenanalytische Methoden und Verfahren (Methods and Procedures for Trace Analysis; in English) / *13-121-0125* / Prof. Dr. Reemtsma	
L	Thursday, 8.15-9.45 am	HS 04
S/E	+ 2 SWS, upon on appointment	
	Proteinkristallographie (Protein Crystallography; in English) / *13-121-1120* / Prof. Dr. Sträter	
L	Thursday**,** 5.15 - 6.45 pm	
E	+ SWS further details to be announced by the professor	
	Analysis of Solid State Surfaces / *13-122-0413* / Prof. Dr. Denecke	
L	Wednesday, 10.15-11.45 am + 1 SWS, on appointment	SR 115
	Physikalische Chemie der Cluster (Physical Chemistry of Clusters; in English) / *13-121-0420* / Prof. Dr. Asmis	
L	Wednesday, 1.30-2.30 pm	Kl.HS
L	Friday, 2.45-4.00 pm	HS 04
	Funktionskontrolle an komplexen Oberflächen (Function Control at Complex Surfaces; in English) /Prof. Abel, Dr. Schulze	
L	Monday, 11.15-12.45 am	SR 101
S	Tuesday, 11.15-12.45 am (bi-weekly)	Kl. HS
	Nanostructured Catalytic Systems / *13-122-0511* / n.n.	
L	2 SWS	
S	2 SWS Details to follow until the start of the winter semester 2022/23	
	Computerchemie für Festkörper (Computational Chemistry for Solids; in English) / *13-121-0642* / Dr. Kuc	
L	Friday, 11.15-12.45 am	SR 115
E	+ 3 SWS exercises on the computer, upon appointment	

*) The time table is subject to change

Aktuelle Entwicklungen in der Chemie (Recent Trends in Chemistry; in English) / *13-121-1416* / different LU professors and internatl. guest scholars

L 1 SWS	Prof. Dr. Abel	
	Tuesday, 11.15 am-12.45 pm, bi-weekly	SR 014
L 2 SWS	Prof. Dr. Dmitri Gelman, The Hebrew University in Jerusalem, Israel	
	Tuesday, 03.00-04.30 pm	SR 014
	Wednesday, 02.45-03.15 pm	SR 101
	Specific dates will be announced by the lecturer	
L 2 SWS	Prof. Dr. Dmitri Gelman, The Hebrew University in Jerusalem, Israel	
	Thursday, 08.00-09.30 am	Kl.HS
	Friday, 12.45-02.15 pm	SR 102
	Specific dates will be announced by the lecturer	

Important: For completing this module, you need to select lectures totalling 3 SWS. You have two successive semesters for completing the module. Further lectures of 1 SWS and 2 SWS respectively, will be offered in the summer semester 2023.

Key:

E = Excercise / L = Lecture / P = Lab Course / S = Seminar / T = Tutorial

13-231-_ _ _	= module number
BBZ	= Centre for Biotechnology and Biomedicine (BBZ), Deutscher Platz 5
Exp. HS	= “Arthur-Hantzsch“ Lecture Hall (Room 027), Johannisallee 29
GHS	= “Großer Hörsaal“, Fakultät für Physik & Geowissenschaften, Linnéstraße 5
HS	= Lecture Hall
HS 4	= Lecture Hall 4, Linnéstraße 2, Wilhelm-Ostwald-Institut
IMKM	= Institut of Mineralogy, Cristalography and Material Science, Scharnhorststr. 20
Kl. HS	= “Johannes-Wislicenus“ Lecture Hall (Room 015), Johannisallee 29; if no differing address is given
R _ _ _	= class rooms at the Faculty’s main building, Johannisallee 29; if no differing address is given
PC Pool	= Linnéstraße 3, Technikum Analytikum
TA	= Technikum Analytikum, Linnéstraße 3

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