

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
<u>Monday</u> 11.15 am -12.45 pm L/S	Chemistry of natural products / 13-121-0321	HS 04
<u>Tuesday</u> 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
S/E	Wednesday, 4:00-5:00 pm
	23.11.2022-19.01.2023
	HS 04 SR 014
Proteinkristallographie (Protein Crystallography; in English) / 13-121-1120 / Prof. Dr. Sträter	
L	Thursday, 5.15 - 6.45 pm
	Starts 20.10.2022
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
L	Friday, 2.45-4.00 pm
	KI.HS HS 04
Funktionskontrolle an komplexen Oberflächen (Function Control at Complex Surfaces; in English) / Prof. Abel, Dr. Schulze	
L	Monday, 11.15-12.45 am
S	Tuesday, 11.15-12.45 am (bi-weekly)
	SR 101 KI. HS
Nanostructured Catalytic Systems / 13-122-0511 / n.n.	
	postponed to the summer semester 2023
Computerchemie für Festkörper (Computational Chemistry for Solids; in English) / 13-121-0642 / Dr. Kuc	
L	Friday, 11.15-12.45 am
E	+ 3 SWS exercises on the computer, upon appointment
	SR 014

*) 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	Photovoltaic, PD Dr. Kahnt Tuesday, 11.15 am-12.45 pm, bi-weekly	KI.HS
L 2 SWS	Homogeneous catalysis: from basics to advanced applications Prof. Dr. Dmitri Gelman, The Hebrew University in Jerusalem, Israel Tuesday, 03.00-04.30 pm Wednesday, 02.45-03.15 pm Starts on 11.10.2022, further dates will be announced by the lecturer	SR 014 SR 101
L 2 SWS	Organometallic chemistry towards organic synthesis and advanced materials Prof. Dr. Dmitri Gelman, The Hebrew University in Jerusalem, Israel Thursday, 08.00-09.30 am Friday, 12.45-02.15 pm Starts on 13.10.2022, further dates will be announced by the lecturer	KI.HS SR 102

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 = Exercise / 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, Crystallography and Material Science, Scharnhorststr. 20
KI. 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