

Course offer for the winter semester 2021/2022\*)

## M.Sc. Structural Chemistry and Spectroscopy

1st/3rd semester

### Induction

**Induction meeting (Zoom):** October 4 at 02:00 PM (CET)

**Guided module registration:  
(Zoom)** Subsequently

**Campus tour:** October 7 at 02:00 PM (CET)  
Meeting point: Entrance of Faculty Main building,  
Johannisallee 29, 04103 Leipzig

### Obligatory modules // Classes start: 11 October 2021

Schedule	Location
<u>Monday</u> 11.15 am -12.45 pm L/S online	Chemistry of natural products / 13-121-0321 HS 04
<u>Tuesday</u> 1.15 – 2.45 pm L/S online	Chemistry of natural products / 13-121-0321 HS 04
<u>Physical Chem.</u> (1 module min.)	In the course of your studies, you will need to take at least one of the modules listed below:  <ul style="list-style-type: none"> <li>- Physical Chemistry of Clusters / 13-121-0420 (winter semester, cf. list of choice obligatory modules)</li> <li>- Function Control at Complex Surfaces / 13-121-0422 (winter semester)</li> <li>- Surface Spectroscopy - Methods and Applications / 13-121-0423 (summer semester)</li> <li>- Modern Methods in Theoretical Chemistry / 13-121-0621 (summer semester)</li> </ul>
<u>Medicinal Chemistry:</u>	The obligatory module "Medicinal Chemistry" (13-122-0311) will not be offered again. Instead, you need to take the module "Chemistry of natural products" (13-121-0321).
<u>New:</u>	The module "NMR on Biosystems" (13-122-0121) will be offered in the summer semester.
<b>Professors:</b> Chemistry of natural products	Dr. Kries

## Choice Obligatory Modules

Schedule	Location	
<b>Bioorganic chemistry / 11-121-1112 / Prof. Dr. Beck-Sickinger &amp; staff</b>		
L on campus/online	Monday, 08.30-10.00 am 18.10.2021-31.01.2022 Induction: 11.10.2021 at 08.15-09.45 am	Beckmann-HS, Brüderstr. 34
S on campus	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
<b>Methods and Procedures for Trace Analysis / 13-121-0125 / Prof. Dr. Reemtsma</b>		
L on campus/ online	Thursday, 8.15-9.45 am	HS 04
S/E on campus	+ 2 SWS on appointment, in January 2022	
<b>Protein Crystallography / 13-121-1120 / Prof. Dr. Sträter</b>		
L/S on campus	Thursday, 5.15 - 6.45 pm	
E	further details to be announced by the professor	
<b>Mass Spectrometry / 13-122-0111 / n.n.</b> in the summer semester – to be confirmed		
<b>Analysis of Solid State Surfaces / 13-122-0413 / Prof. Dr. Denecke</b>		
L on campus/ online	Wednesday, 10.15-11.45 am + 1 SWS, on appointment	SR 014
<b>Physical Chemistry of Clusters / 13-121-0420 / Prof. Dr. Asmis</b>		
L on campus/ online	Wednesday, 1.30-2.30 pm	HS 04
L on campus/ online	Friday, 2.34-4.00 pm	HS 04
<b>Function Control at Complex Surfaces / 13-121-0422/ Prof. Dr. Abel, Dr. Schulze</b>		
L on campus/ online	Monday, 11.15-12.45 am	SR 014
S on campus/ online	Tuesday, 11.15-12.45 am (bi-weekly)	KI.HS
<b>Nanostructured Catalytic Systems / 13-122-0511 / Prof. Gläser/ Dr. Dvoyashkin</b>		
L online	Thursday, 1.15-2.45 pm Start: 21.10.2021	
S on campus/online	Thursday, 11.15-12.45 Start: 28.10.2021	SR 014
<b>Computational Spectroscopy / 13-121-0641 / Dr. Kuc</b>		
L online	Friday, 11.15 am- 12.45 pm	
E on campus/ online	+ 3 SWS computing exercises upon appointment	Computer Lab

**Key:**

The following attributes indicate how the specific class will be conducted:

**On campus** The class takes place on campus without online transmission.

**Online** The class is conducted online. The teachers will provide information about specific times – if applicable and online platforms to be used.

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

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