

## Courses in summer semester 2022 \*)

**International Master of Science „Structural Chemistry and Spectroscopy“****2nd Term****Inductions**

30.03.2022	New: 10.00 am (CET)	<b>Guided module registration</b> online
30.03.2022	02.00 pm (CET)	<b>Induction for new international students</b> On campus at the Faculty main building in Room 101 (Johannisallee 29) Additionally online

Zoom-Link for guided module registration and induction:

<https://uni-leipzig.zoom.us/j/64877741721?pwd=aFV5STROMTdGMzc5akZiM21VbWRoQT09>

Meeting ID: 648 7774 1721 | Passcode: 252844

01.04.2022	02.00 pm (CET)	<b>Campus Tour I</b> Meeting point: main entrance at the Faculty main building (Johannisallee 29)
13.04.2022	06.00 pm (CET)	<b>Campus Tour II</b> For those who could not attend the Campus Tour on 01.04. Meeting point: main entrance at the Faculty main building (Johannisallee 29)

**Obligatory modules**Monday

10.15 am-11.45 am	L	Spectroscopic methods / 13-122-0221	SR 101
12.15 pm-01.45 pm	L	Symmetry and X-ray diffraction / 13-122-0221	HS 04
02.15 -03.00 pm	S	NMR on Biosystems / 13-122-0121 / P. Kurle, Y. Kim	SR 101

Thursday

08.30 am-10.00 am	L	NMR on Biosystems / 13-122-121/ Prof. Matysik	SR 101
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Friday

02.00 pm-02.45 pm	E	NMR on Biosystems / 13-122-0121 / Dr. Song	SR 014
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Physical Chem.  
(1 module min.)

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

- Physical Chemistry of Clusters / 13-121-0420 (winter semester)
- 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)

This rule applies to new students (winter semester 2018/19 and beyond) and to current students who have not signed up for module “Time resolved and Surface Spectroscopy“ (13-122-0411)

**Professors:**

Structural Analysis in Inorganic Chemistry /  
13-122-0221

Prof. Dr. Krautscheid / Prof. Dr. Kersting  
Prof. Dr. Kohlmann/ Dr. Maik Icker

## Choice obligatory modules

### **Rezeptorbiochemie (Receptor Biochemistry; in English) / 11-122-1121 /**

**Prof. Dr. Beck-Sickinger, Dr. Karin Mörl / 5 cp**

L	Mon, 04.04.22 10.30 am-12.00 noon 01.00 pm-02.30 pm 03.15 pm-04.45 pm	Beckmann HS (Brüderstr. 34) Kl.HS (Brüderstr. 34) Kl.HS (Brüderstr. 34)
	Tue, 05.04.22 08.30 am-10.00 am 10.30 am-12.00 noon	Kl.HS (Brüderstr. 34) Kl.HS (Brüderstr. 34)
	After 12.04.2022 Tue, 08.30 am-10.00 am	Kl.HS (Brüderstr. 34)
S	Duration <b>25.04.-13.06.2022</b> Group I: Mon, 08.30 am-10.00 am Gruppe II: Mon, 05.00 pm-06.30 pm	Kl.HS (Talstr. 33) Beckmann HS (Brüderstr. 34)

**Please note:** Induction to the practicals as well as forming seminar groups will be done in the first lecture sessions.

### **Basics of Interaction of Electromagnetic Radiation with Matter / 12-122-1511 /**

**PD Dr. Bertmer / 5 cp**

L	Wed, 10.15-11.45 am Thu, 13.15-14.45 pm	SR 101 SR 102
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### **Oberflächenspektroskopie - Methoden und Anwendungen (Surface Spectroscopy: Methods and Applications; in English) / 13-121-0423 / Prof. Dr. Denecke / 5 cp**

L	Mon, 08.30 am-10.00 am	HS 04
L	Tue, 03.15 pm-04.45 pm (every other week)	HS 04
	12.04., 26.04., 03.05., 17.05., 07.06., 28.06., 05.07.	

### **Moderne Methoden der Theoretischen Chemie (Modern Methods in Theoretical Chemistry; in English) / 13-121-0621 / Prof. Dr. Tonner**

L	Wed, 08.30 am-10.00 am	SR 014
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### **Trennmethoden und Moderne "-omics"-Techniken (Separation techniques and advanced “-omics”-techniques; in English) / 13-121-1119 / Prof. Dr. Hoffmann / 5 cp**

L	Tue, 08.00 - 09.30 am	room 1.3 (BBZ)
	Wed, 01.00 - 02.30 pm	room 1.3 (BBZ)

**Aktuelle Entwicklungen in der Chemie (Recent Trends in Chemistry; in English) / 13-121-1416 / (international) guest lecturers / 5 cp**

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|---|--|--------|
| L | Enhanced Experimentation (Dr. Schunk) / 2 SWS<br>16th & 17th June and 07th & 08th July, 08:30 am-05:00 pm                                      | SR 014 |
| L | Recent Trends in Chemistry I (Prof. Dr. Abel) / 1 SWS<br>Wed, 03.00-04.30 pm (1 <sup>st</sup> half of the lecture period)<br>Start: 13.04.2022 | SR 014 |
| L | Recent Trends in Chemistry II (Prof. Abel) / 1 SWS<br>Wed, 03.00-04.30 pm (2 <sup>nd</sup> half of the lecture period)                         | SR 014 |

Note: module duration: 2 semesters. For completion 3 SWS are required and must be completed by a partial exam in every relevant lecture. You can register for Dr. Schunk's lecture without completing the module, too. Please sign up for it in Tool.

**Massenspektrometrische Methoden (Mass Spectrometry, in English) / 13-122-0111 / Dr. Warneke, Dr. Birkemeyer / 5 cp**

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|-----|--|--------|
| L   | Tue, 01.00-02.30 pm                      | KI.HS  |
| S/P | Thu, 10.15-11.00 am (starts: 28.04.2022) | SR 101 |

**Ausgewählte Themen der NMR-Spektroskopie (Selected Topics of NMR Spectroscopy; in English) / 13-122-0122 / Prof. Dr. Matysik, N. Bashirova**

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|-----|------------------------|--------|
| L   | Fri, 08.15 am-09.45 am | SR 101 |
| S   | Fri, 01.00 pm-01.45 pm | SR 101 |
| E/P | 1 SWS on appointment   |        |

**L/S Highlights in der Naturstoffsynthese (Highlights in Natural Products Synthesis; in English) / 13-122-0321 / Prof. Dr. Schneider**

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|--|---------------------|--------|
|  | Thu, 11.30-01.00 am | SR 014 |
|  | Fri, 10.15-11.45 am | SR 014 |

**Moderne Konzepte in der Katalyse (Modern Concepts in Catalysis; in English) / 13-122-0521 / Dr. Majd Al-Naji**

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|-----|---|--------|
| S/E | according to the announcements of the lecturer        |        |
| L   | Fri, 03.00-4.30 & 05.00-06.30 pm<br>Start: 29.04.2022 | SR 102 |

**Laboratory courses**

Please have a look at the separate list with laboratory courses online at <https://www.chemie.uni-leipzig.de/en/study/during-your-studies/timetables>

Instructions: To take a laboratory course, please contact the respective professor and arrange with him/her specific dates. Usually you are required to write a report for your laboratory course. For formally registering for the course, please electronically hand in the so-called „yellow sheet“ to the Office of Study Affairs. You can request the form from that same office.

## How to find the lecture rooms:

**HS 4:** Wilhelm-Ostwald-Institut für Physikalische and Theoretische Chemie

Linnéstr. 2

D-04103 Leipzig.

This room is located in the faculty but in a different building. You can find HS 4 in this building.

**Room no. 101, 102, 115, 014, KI. HS:**

Fakultät für Chemie und Mineralogie

Johannisallee 29,

D-04103 Leipzig.

All these rooms are in the main faculty building.

When you enter the faculty, you will find an information board on the right hand side where all the rooms details are stated.

**BBZ:** Biotechnologisch-Biomedizinisches Zentrum BBZ

Deutscher Platz 5

04103 Leipzig.

