

Course offer for the winter semester 2022/2023 \*)

## M.Sc. Advanced Spectroscopy in Chemistry

### 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](http://www.chemie.uni-leipzig.de/en/study/during-your-studies/start-of-studies)

#### Choice Obligatory Modules // Lectures start 10 October

|  | Schedule   | Location   |
|--|--|--|
| <b>Bioorganic chemistry / 11-121-1112 / Prof. Dr. Beck-Sickinger &amp; staff</b>   |  |  |
| L  | Monday, 08.30-10.00 am<br>17.10.2022-31.01.2023<br>Induction: 10.10.2022 at 08.15-09.45 am | Beckmann-HS, Brüderstr. 34                               |
| S  | Monday, 5.00-6.30 pm<br>Wednesday, 5.00-6.30 pm<br>In groups, 7 appointments per person    | Beckmann-HS, Brüderstr. 34<br>Beckmann-HS, Brüderstr. 34 |
| <b>Spurenanalytische Methoden und Verfahren (Methods and Procedures for Trace Analysis; in English) / 13-121-0125 / Prof. Dr. Reemtsma</b> |  |  |
| L  | Thursday, 8.15-9.45 am   | HS 04  |
| S/E  | Wednesday, 4:00-5:00 pm<br>23.11.2022-19.01.2023   | SR 014   |
| <b>Chemistry of natural products / 13-121-0321 / Prof. Dr. Gulder</b>  |  |  |
| L/S  | Monday, 11.15 am -12.45 pm   | HS 04  |
| L/S  | Tuesday, 01.15 - 02.45 pm  | HS 04  |
| <b>Physikalische Chemie der Cluster (Physical Chemistry of Clusters; in English) / 13-121-0420 / Prof. Dr. Asmis</b>                       |  |  |
| L  | Wednesday, 1.30-2.30 pm  | KI.HS  |
| L  | Friday, 2.45-4.00 pm   | HS 04  |
| <b>Computerchemie für Festkörper (Computational Chemistry for Solids; in English) / 13-121-0642 / Dr. Kuc</b>                              |  |  |
| L  | Friday, 11.15-12.45 am   | SR 014   |
| E  | + 3 SWS exercises on the computer, upon appointment  |  |

**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 SR 115  
+ 1 SWS, on appointment

**Nanostructured Catalytic Systems / 13-122-0511 / n.n.**

postponed to the summer semester 2023

**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 SR 014  
Wednesday, 02.45-03.15 pm SR 101  
Starts on 11.10.2022, further dates will be announced by the lecturer
- 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 KI.HS  
Friday, 12.45-02.15 pm SR 102  
Starts on 11.10.2022, further 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 = 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