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

Choice Obligatory Modules // Lectures start 10 October

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Location</th>
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<tbody>
<tr>
<td><strong>Bioorganic chemistry / 11-121-1112 / Prof. Dr. Beck-Sickinger &amp; staff</strong></td>
<td>Beckmann-HS, Brüderstr. 34</td>
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<tr>
<td>L Monday, 08.30-10.00 am</td>
<td>Beckmann-HS, Brüderstr. 34</td>
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<tr>
<td>17.10.2022-31.01.2023</td>
<td>10.10.2022 at 08.15-09.45 am</td>
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<tr>
<td>S Monday, 5.00-6.30 pm</td>
<td>Beckmann-HS, Brüderstr. 34</td>
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<tr>
<td>In groups, 7 appointments per person</td>
<td>Beckmann-HS, Brüderstr. 34</td>
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**Spurenanalytische Methoden und Verfahren (Methods and Procedures for Trace Analysis; in English) / 13-121-0125 / Prof. Dr. Reemtsma**

| L/S Thursday, 8.15-9.45 am | HS 04 |
| S/E + 2 SWS, upon on appointment | |

**Chemistry of natural products / 13-121-0321 / Prof. Dr. Gulder**

| L/S Monday, 11.15 am -12.45 pm | HS 04 |
| L/S Tuesday, 01.15 - 02.45 pm | HS 04 |

**Physikalische Chemie der Cluster (Physical Chemistry of Clusters; in English) / 13-121-0420 / Prof. Dr. Asmis**

| L Wednesday, 1.30-2.30 pm | KI.HS |
| L Friday, 2.45-4.00 pm | HS 04 |

**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
### Proteinkristallographie (Protein Crystallography; in English) / 13-121-1120 / Prof. Dr. Sträter

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| 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

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| L    | Wednesday, 10.15-11.45 am  
SR 115  
+ 1 SWS, on appointment |

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

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| L    | 2 SWS  
Starts 20.10.2022, further dates will be announced by the lecturer |
| S    | 2 SWS  
UPDATE! postponement 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

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<th>Details</th>
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| L    | Photovoltaic, PD Dr. Kahnt  
Tuesday, 11.15 am-12.45 pm, bi-weekly  
SR 014 |
| L    | Homogeneous catalysis: from basics to advanced applications  
Prof. Dr. Dmitri Gelman, The Hebrew University in Jerusalem, Israel  
Tuesday, 11.00-12.30 pm  
Wednesday, 02.45-03.15 pm  
SR 014  
SR 101  
Starts on 11.10.2022, further dates will be announced by the lecturer |
| L    | 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  
SR 014  
KR HS  
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  
- **Kr. 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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