Course offer for the winter semester 2022/2023*)

**M.Sc. Structural Chemistry and Spectroscopy**

**1st/3rd semester**

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**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)

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**Obligatory modules // Classes start: 10 October 2022**

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<tr>
<th>Schedule</th>
<th>Location</th>
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<tr>
<td><strong>Monday</strong></td>
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<tr>
<td>11.15 am -12.45 pm  L/S</td>
<td>Chemistry of natural products / <strong>13-121-0321</strong>  HS 04</td>
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<tr>
<td><strong>Tuesday</strong></td>
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<tr>
<td>01.15 – 02.45 pm  L/S</td>
<td>Chemistry of natural products / <strong>13-121-0321</strong>  HS 04</td>
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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 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
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| **Bioorganic chemistry / 11-121-1112 / Prof. Dr. Beck-Sicking & staff**  
L  Monday, 08.30-10.00 am  
17.10.2022-31.01.2023  
Induction: 10.10.2022 at 08.15-09.45 am  
S  Monday, 5.00-6.30 pm  
Wednesday, 5.00-6.30 pm  
In groups, 7 appointments per person  
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  + 2 SWS, upon on appointment  
HS 04 |
| **Proteinkristallographie (Protein Crystallography; in English) / 13-121-1120 / Prof. Dr. Sträter**  
L  Thursday, 5.15 - 6.45 pm  
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 |
| **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 |
| **Nanostructured Catalytic Systems / 13-122-0511 / n.n.**  
L  2 SWS  
S  2 SWS  
Details to follow until the start of the winter semester 2022/23 |
| **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 115 |

*) 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  Prof. Dr. Abel
Tuesday, 11.15 am-12.45 pm, bi-weekly  SR 014

L 2 SWS  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
Specific dates will be announced by the lecturer

L 2 SWS  Prof. Dr. Dmitri Gelman, The Hebrew University in Jerusalem, Israel
Thursday, 08.00-09.30 am  Kl.HS
Friday, 12.45-02.15 pm  SR 102
Specific 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
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

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