

Course offer for the winter semester 2020/2021*)

M.Sc. Structural Chemistry and Spectroscopy

1st/3rd semester

Induction

Induction meeting: 20th October 11.45 am, KI.HS (room 015)

Details for new students:

www.chemie.uni-leipzig.de/en/studies-applications/start-of-studies-2020

Obligatory modules // Classes start: 26.10.2020

| Schedule | | | Location |
|--------------------|-------------|--|----------|
| <u>Monday</u> | | | |
| 11.15 am -12.45 pm | L/S online | Chemistry of natural products / 13-121-0321 | |
| 1.15-2 pm | S on campus | NMR on Biosystems / 13-122-0121 Starts 02.11.2020 | R 014 |
| <u>Tuesday</u> | | | |
| 1 – 2.45 pm | L/S online | Chemistry of natural products / 13-121-0321 | |
| <u>Thursday</u> | | | |
| 10.15-11.45 am | L on campus | NMR on Biosystems / 13-122-0121 | R 014 |
| <u>Friday</u> | | | |
| 1.15-2 pm | E on campus | NMR on Biosystems / 13-122-0121 | R 014 |

Physical Chem. (1 module min.)

In the course of your studies, you will need to take at least one of the modules listed below. 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)

- 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)

Medicinal Chemistry: 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).

Professors:

NMR on Biosystems
Chemistry of natural products

Herr Prof. Dr. Matysik, Dr. Song
Frau Prof. Dr. Gulder

Choice Obligatory Modules

| Schedule | Location | |
|---|--|----------------------|
| Bioorganic chemistry / 11-121-1112 / Prof. Dr. Beck-Sickinger & staff | | |
| L online | Monday, 08.30-10.00 am | |
| S on campus | 16.11.2020-13.01.2021 | |
| | In two groups, seven appointments per person | |
| | Monday, 5-6.30 pm | KI.HS, Brüderstr. 34 |
| | Wednesday, 5-6.30 pm | KI.HS, Brüderstr. 34 |
| Methods and Procedures for Trace Analysis / 13-121-0125 / Prof. Dr. Reemtsma | | |
| L online | Thursday, 8.15-9.45 am | |
| S/E online | + 2 SWS, on appointment | |
| Protein Crystallography / 13-121-1120 / Prof. Dr. Sträter | | |
| L/S hybrid | Tuesday or Thursday, 5.15 - 6.45 pm | |
| E | further details to be announced | |
| Mass Spectrometry / 13-122-0111 / Prof. Dr. Hoffmann, Dr. Fedorova | | |
| L online | Tuesday, 8-9.30 am | |
| S online | Wednesday, 8-9.30 am | |
| Analysis of Solid State Surfaces / 13-122-0413 / Prof. Dr. Denecke | | |
| L on campus | Wednesday, 10.15-11.45 am | HS 04 |
| | + 1 SWS, on appointment | |
| Physical Chemistry of Clusters / 13-121-0420 / Prof. Dr. Asmis | | |
| L online | Wednesday, 1.30-2.30 pm | HS 04 |
| L online | Friday, 2.34-4.00 pm | HS 04 |
| Function Control at Complex Surfaces / 13-121-0422 / Prof. Dr. Abel / Dr. Agnes Schulze | | |
| L online | Monday, 11.15 am-12.45 pm | |
| S online | Tuesday, 11.00 am-12.30 pm (every 2 weeks) | |
| Nanostructured Catalytic Systems / 13-122-0511 / Prof. Gläser/ Dr. Dvoyashkin | | |
| S online | Tuesday, 2.45-4.15 pm | |
| | Start: 03.11.2020 | |
| L online | Thursday, 1.15-2.45 pm | |
| | Start: 05.11.2020 | |
| Computational Chemistry for Solids / 13-121-0642 / Dr. Kuc | | |
| L online | Friday, 11.15 am- 12.45 pm | |
| E online | + 3 SWS computing exercises | |
| German Language Course for Beginners I / 30-PHY-BIPSQ1 | | |
| No prior knowledge of German required, limited no. of places | | |
| Cf. timetables at www.physgeo.uni-leipzig.de/studium/semesterplan (B.Sc. IPSP) | | |
| For registration send an email containing the module no., your name and enrolment no. from your Leipzig University email account to annegret.cornehl@uni-leipzig.de until 18th Oct. 2020 | | |

German Language Course for Beginners III / 30-PHY-BIPSQ3

Requires prior knowledge of German at roughly level A 1.2 CEFR, limited no. of places
Cf. timetables at www.physgeo.uni-leipzig.de/studium/semesterplan (B.Sc. IPSP)

For registration send an email containing the module no., your name and enrolment no. from your Leipzig University email account to annegret.cornehl@uni-leipzig.de until 18th Oct. 2020

Key:

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

Hybrid All participants are allocated a group. The groups alternate between on campus sessions that are simultaneously transmitted online and pure online sessions. Students will choose their group either during online module registration or they are allocated a group by the lecturer.

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