



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Structural Chemistry and Spectroscopy (SCS)

Leipzig University • Leipzig

Overview

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| Degree | Master of Science in Structural Chemistry and Spectroscopy |
| Teaching language | <ul style="list-style-type: none">English |
| Languages | The course is entirely taught in English. If a student has sufficiently good command of German (level B2 or better), modules taught in German may be attended. |
| Full-time / part-time | <ul style="list-style-type: none">full-time |
| Programme duration | 4 semesters |
| Beginning | Winter and summer semester |
| Application deadline | <p>6 April to 31 May for the following winter semester</p> <p>1 November to 31 December for the following summer semester</p> <p>Please take the time for the visa procedure into account. In some cases, only the next following semester may be a possible starting date. Acceptance will still be valid for the following semester. In case of problems with the duration of the visa issuing period, please contact us. Registration after acceptance is still possible for the following semester. Therefore, if you want to be sure about the starting date, please use the earlier deadline.</p> <p>Application with international degrees via uni-assist: http://www.uni-assist.de/index_en.html</p> <p>Students with a German university degree apply via AlmaWeb: https://almaweb.uni-leipzig.de/</p> <p>Here, different deadlines apply.</p> |
| Tuition fees per semester in EUR | None |
| Combined Master's degree / PhD programme | No |
| Joint degree / double degree programme | No |

Description/content

The consecutive, international Master's programme introduces advanced methods in spectroscopy and the structural exploration of chemical and biochemical compounds (especially biopolymers). Insight into structural aspects, structural spectroscopic investigations, spectroscopic techniques and synthesis of complex substances constitutes the major focus of the programme. The

programme is based on applied research, which means that students are expected to work and think independently in a research context. In order to ensure international scientific contacts and cooperation, the language of the programme is English.

Further details can be found at <https://www.chemie.uni-leipzig.de/en/study/vor-dem-studium/studienangebot>

Course Details

| | |
|--|---|
| Course organisation | <p>The study programme is laid out for two years (four semesters) with a total of 120 ECTS credit points. One credit point corresponds to an average workload of 30 hours. The programme can also be completed part-time (four years, 30 credit points per year). Up to 60 credit points may be acquired abroad. This is recommended, but is the responsibility of each individual student and requires prior consultations. For comparison, see the ASC Master's programme, in which international mobility is mandatory. The programme contains four compulsory modules (5 ECTS each, two modules in the winter semester, two in the summer semester). Students can earn 40 ECTS credit points in choice obligatory modules and 30 ECTS credit points in three choice obligatory lab research projects. Some of the modules also contain lab courses. Finally, the Master's thesis is credited with 30 ECTS credit points.</p> <p>Further details can be found at https://www.uni-leipzig.de/en/studying/prospective-students/courses-of-study/degree-programme/course/show/structural-chemistry-and-spectroscopy-msc</p> |
| A Diploma supplement will be issued | Yes |
| International elements | <ul style="list-style-type: none">• International guest lecturers |
| Integrated internships | Three research projects in different labs of the faculty have to be validated. |
| Course-specific, integrated German language courses | Yes |
| Course-specific, integrated English language courses | No |

Costs / Funding

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|----------------------------------|--|
| Tuition fees per semester in EUR | None |
| Semester contribution | The semester contribution (administration fee) amounts to about 260 EUR including local public transportation. |
| Costs of living | The cost of living is about 750 EUR per month. |
| Funding opportunities | Yes |

within the university

Description of the above-mentioned funding opportunities within the university

Some local scholarships and funding for exchange periods

Requirements / Registration

Academic admission requirements

Applicants are required to have a Bachelor of Science in Chemistry or a closely related topic with an equivalent amount of chemistry content. Since the emphasis lies on spectroscopic techniques, particular knowledge about fundamental issues in this area is required. Certain minimum ECTS credit point values have to be reached in certain areas of chemistry:

Inorganic Chemistry 20 ECTS

Organic Chemistry 20 ECTS

Physical Chemistry 20 ECTS

Analytical Chemistry 10 ECTS

In addition, practical lab work in inorganic and organic chemistry of together at least 300 hours needs to be proved.

English level B2 or better

Details can be found at: <https://www.uni-leipzig.de/en/studying/prospective-students/courses-of-study/degree-programme/course/show/structural-chemistry-and-spectroscopy-msc>

Language requirements

Students are required to have a command of English at the B2 level or better. The level of English needs to be proven by suitable certificates. In order to successfully participate, we recommend a level of C1.

Application deadline

6 April to 31 May for the following winter semester

1 November to 31 December for the following summer semester

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Application with international degrees via uni-assist: http://www.uni-assist.de/index_en.html

Students with a German university degree apply via AlmaWeb: <https://almaweb.uni-leipzig.de/>

Here, different deadlines apply.

Submit application to

You can find information about the application on the following website: <https://www.uni-leipzig.de/en/studying/prospective-students/courses-of-study/degree-programme/course/show/structural-chemistry-and-spectroscopy-msc/>

Services

Accommodation

Accommodation can be organised through the local student housing authorities. Help is provided by a student buddy.

For more information on accommodation and other services, please see:
<https://www.studentenwerk-leipzig.de/en>

Support for international students and doctoral candidates

- Buddy programme

Contact

Leipzig University

Faculty of Chemistry and Mineralogy

Prof Dr Reinhard Denecke

Johannisallee 29
04103 Leipzig

✉ denecke@uni-leipzig.de

🌐 Course website: <https://www.uni-leipzig.de/en/studying/prospective-students/courses-of-study/degree-programme/course/show/structural-chemistry-and-spectroscopy-msc>

Annegret Cornehl de Paredes

Tel. +49 3419736004

✉ [Email](#)

Last update 17.05.2024 09:44:47

International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor

DAAD - Deutscher Akademischer Austauschdienst e.V.
German Academic Exchange Service
Section K23 – Information on Studying in Germany
Kennedyallee 50
D-53175 Bonn
www.daad.de

GATE-Germany

Consortium for International Higher Education Marketing
www.gate-germany.de

Disclaimer

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The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating German institutions of higher education.



Federal Ministry
of Education
and Research