



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Doctorate



## Doctoral Programme Clinical Pharmacy

Ludwig-Maximilians-Universität München • München

### Overview

Degree	PhD; Dr rer nat; Dr rer biol hum; Dr med
In cooperation with	Stiftung Patient & Klinische Pharmazie
Teaching language	<ul style="list-style-type: none"><li>• German</li><li>• English</li></ul>
Languages	The programme is mainly in German (in the hospital wards and in the hospital pharmacy). Seminars are held in English. Participants can choose to write their doctoral theses in either language.
Full-time / part-time	<ul style="list-style-type: none"><li>• full-time</li></ul>
Mode of study	Less than 50% online
Programme duration	6 semesters, 8 semesters
Beginning	Only for doctoral programmes: any time
Application deadline	Applications can only be submitted when the programme has open calls.
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	Modern pharmacotherapy is an essential cornerstone of medical treatment. A large portion of all hospital patients suffer from multiple diseases and are already undergoing a complex drug therapy at the time of admission. For the most successful therapy, choice of medications has to be tailored and all safety aspects associated with the drug therapy has to be taken into account. The focus of the doctoral programme Clinical Pharmacy is to increase and ensure drug safety. This is achieved by joining the disciplines of pharmacy and medicine as well as cooperating with specialists within epidemiology, public health, and healthcare research. Different aspects of drug safety, i.e., individual dose adjustment, drug-drug interactions, and adverse drug events (ADE) as well as personalised medicine, are topics that are pursued in cooperation with different and specific medical disciplines. The projects are mentored by teams consisting of a scientist and pharmacists

as well as clinicians. If applicable, at the beginning of the project, every new doctoral student is trained within the drug information unit of the hospital pharmacy and is then introduced to the clinical situation on the respective hospital ward.

Additional support is offered by the [GraduateCenter](#).

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## Course Details

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<b>Course organisation</b>	<p>The programme contains regular seminars in the following subjects:</p> <ul style="list-style-type: none"> <li>• Soft skills: literature research, presentation techniques, scientific writing, etc. (workshops)</li> <li>• Journal Club, regular progress reports by the students and monitoring of the projects together with the pharmaceutical and scientific mentors</li> <li>• Clinical pharmacy (every two weeks): <ul style="list-style-type: none"> <li>◦ Key issues such as dose adjustment for specific patient populations, drug interactions, adverse drug reactions, drug administration</li> <li>◦ Specific clinical and disease patterns</li> </ul> </li> </ul> <p>Furthermore, the students are expected to attend and present their data at scientific meetings (oral presentations or poster presentations), present their project at the internal annual symposium, and to contribute to at least one publication in an international scientific journal.</p> <p>Moreover, external scientific counselling regarding the PhD project is offered once a year.</p>
<b>A Diploma supplement will be issued</b>	No
<b>International elements</b>	<ul style="list-style-type: none"> <li>• Specialist literature in other languages</li> <li>• International guest lecturers</li> <li>• Integrated study abroad unit(s)</li> </ul>
<b>Integrated study abroad unit(s)</b>	Clinical observerships
<b>Integrated internships</b>	Every student is trained at the beginning of their projects within the hospital pharmacy, especially within the drug information unit and the medication reconciliation unit assessing patients' pharmaceutical history at hospital admission.
<b>Course-specific, integrated German language courses</b>	No
<b>Course-specific, integrated English language courses</b>	No

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## Online learning

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<b>Pace of course</b>	Instructor-led (Specific due dates for lectures/assignments/exams)
<b>Phase(s) of attendance in Germany (applies to the entire programme)</b>	Yes, compulsory

Types of online learning elements

- Discussion forums and / or groups

## Costs / Funding

Tuition fees per semester in EUR

None

Semester contribution

Basic fee of 75 EUR + additional fee for the Deutschlandticket

<https://www.lmu.de/en/workspace-for-students/abc-study-guide/semester-ticket/index.html>

Costs of living

Living costs (including accommodation and health insurance) in Munich range from 1,000 to 1,200 EUR per month.

Funding opportunities within the university

Yes

Description of the above-mentioned funding opportunities within the university

LMU Travel Grant, LMU Completion Grant

## Requirements / Registration

Academic admission requirements

Applicants must hold an MSc or an equivalent degree in Pharmacy or Pharmaceutical Science.

Language requirements

It is essential that the applicants have profound German language skills (minimum requirement CEFR-C1), as the majority of the work is performed in the hospital wards while interacting with patients. Therefore, applicants must provide proof of their German skills. In addition, good English skills are required.

Application deadline

Applications can only be submitted when the programme has open calls.

Submit application to

Please submit applications to calls for new projects to the online platform:  
<https://www.portal.graduatecenter.uni-muenchen.de/gc-application/clinical-pharmacy>

## Services

Accommodation

The International Office helps visiting academics, PhD students, and postdocs who are travelling to Munich for a set period of time to find accommodation.

For further information, please visit the following link:

<https://www.lmu.de/en/study/important-contacts/international-office/index.html>

Rooms in shared flats are popular on the private market and reasonably priced at 600 - 800 EUR per month if located in central parts of Munich.

<https://www.lmu.de/en/about-lmu/working-at-lmu/additional-services/lmu-gateway/new-international-doctoral-candidates/phase-1-preparing-your-move-to-munich/index.html>

<b>Structured research and supervision</b>	Yes
<b>Research training / discussion</b>	Yes
<b>Support for international students and doctoral candidates</b>	<ul style="list-style-type: none"><li>• Tutors</li></ul>
<b>Supervisor-student ratio</b>	Every student has three supervisors.

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## Contact

### Ludwig-Maximilians-Universität München

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Klinikum

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🌐 Course website: <https://www.promo-klinische-pharmazie.med.uni-muenchen.de/index.html>

📘 <https://de-de.facebook.com/lmu.muenchen/>

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# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

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## GATE-Germany

Consortium for International Higher Education Marketing  
[www.gate-germany.de](http://www.gate-germany.de)

## Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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