



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Language course/short course



## Machine Learning and Data Analytics

Ludwig-Maximilians-Universität München • München

### Overview

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Course location	München
In cooperation with	Munich School of Management
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Language level of course	<ul style="list-style-type: none"><li>English: B2, C1</li></ul>
Date(s)	<ul style="list-style-type: none"><li>22 July - 9 August 2024 (Registration deadline of course provider: 1 May 2024)</li></ul>
Mode of study	50 / 50 online and on-site
Phase(s) of attendance in Germany (applies to the entire course)	Yes, compulsory
Pace of course	Instructor-led (Specific due dates for lectures/assignments/exams)
Information on dates, prices and mode of study	<ul style="list-style-type: none"><li>Online, 22–27 July</li><li>In-class in Munich, 29 July–9 August</li></ul>
Target group	Bachelor's students and Master's students as well as young professionals and scientists with an interest in machine learning and data analytics
Description/content	<p>This course aims at making you familiar with basic machine learning approaches and data analytics techniques, thus enabling you to use them to your professional benefit. Adopting a user perspective, you will learn to automate simple but time-consuming tasks such as classification of analysts' conference calls into economically meaningful content.</p> <p>Additionally, the course enables you to tackle complex prediction tasks using different information sources. Finally, the course gives you relevant data analytics skills such as the description, visualisation and statistical analysis of such predictions. We will use the programming language Python to apply the above-mentioned concepts.</p> <p>All essential programming skills are taught in this course, and there are no prior programming skills required.</p>

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## Course details

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Recognised language exams offered (e.g. DSH, TestDaF, TOEFL) No

Other degrees / qualifications awarded Certificate of participation

Types of online learning elements

- Chats (with lecturers and other students)
- Discussion forums and / or groups
- Online sessions

Online learning element is part of a study programme Yes

ECTS points (max.) 6

Average number of hours per week 20

Average number of participants per group/course 20

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## Costs / Funding

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Dates and costs

- 22 July - 9 August 2024 (Registration deadline of course provider: 1 May 2024), costs: EUR 1,350

This price includes

- Course fees
- Accompanying programme

Information on dates, prices and mode of study

- Online, 22–27 July
- In-class in Munich, 29 July–9 August

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## Requirements / Registration

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Teaching language

- English

Language level of course

- English: B2, C1

Language requirements Prerequisites for participation are a good command of written and spoken English. Lectures, presentations and examinations will be held in English. Even though we do not require students to

submit language test results, we urge students with poor language skills to abstain from applying. Knowledge of German is not a prerequisite.

Submit application to [https://www.mda-misu.de/en/content/mda\\_registration](https://www.mda-misu.de/en/content/mda_registration)

## Services

**Is accommodation organised?** Accommodation is arranged by the organiser.

**Type of accommodation** The Munich International Summer University (MISU) at the Ludwig Maximilian University of Munich (LMU) offers accommodation in student residences.

- 300 EUR (double room, with shower and toilet on each floor)
- 340 EUR (double room with shower and toilet)
- 450 EUR (single room with shower and toilet)

**Meals** The canteen of the "Studierendenwerk München Oberbayern" offers meals that range from 4 to 7 EUR from Monday to Friday.

**Is a social and leisure programme offered?** Yes

**Description of social and leisure programme** City tour, day trips

**Free internet access** Yes

**Support in visa matters** Yes

**Pick-up service from train station/airport** No

## Contact

**Ludwig-Maximilians-Universität München**  
International Office

Geschwister-Scholl-Platz 1  
80539 München

✉ [contact@lmu-misu.de](mailto:contact@lmu-misu.de)

🌐 Course website: <https://www.mda-misu.de>

📘 <https://www.facebook.com/Summer-School-Finance-Accounting-Economics-100150472645460>

📷 [https://www.instagram.com/fae\\_misu/](https://www.instagram.com/fae_misu/)

Last update 23.05.2024 23:35:54

# 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)

## Editor

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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".

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