Studieren im Ausland

Einige konkrete Beispiele

Alexander Wolff
Erasmus-Vize-Fachkoordinator für Informatik
Partner Institutions

Förderprogramme

Erasmus+

Eine vollständige Übersicht über bestehende Erasmus+-Verträge finden Sie [hier](https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/).

<table>
<thead>
<tr>
<th>Land</th>
<th>Universität</th>
<th>Kontakt</th>
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<tbody>
<tr>
<td>Frankreich</td>
<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Université de Bretagne Occidentale</a> (aktuell nur Erasmus+ Praktika möglich)</td>
<td>Prof. Dr. Jean-Luc Lugrin</td>
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<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">École Nationale d'Ingénieurs de Brest</a></td>
<td>Prof. Dr. Jean-Luc Lugrin</td>
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<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Université de Bordeaux</a></td>
<td>Prof. Dr. Alexander Wolff</td>
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<tr>
<td>Italien</td>
<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Università di Genova (Uni Genua)</a></td>
<td>Kathrin Borchert</td>
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<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Università degli Studi di Perugia (Uni Perugia)</a></td>
<td>Prof. Dr. Alexander Wolff</td>
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<td>Polen</td>
<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Politechnica Wrocławska (TU Breslau)</a></td>
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<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Politechnica Krakowska (TU Krakau)</a></td>
<td>Prof. Dr. Alexander Wolff</td>
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<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Universytet Jagielloński (Jagiellonen-Universität Krakau)</a></td>
<td>Prof. Dr. Alexander Wolff</td>
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<td>Portugal</td>
<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Universidade do Lisboa, Instituto Superior Técnico</a></td>
<td>Prof. Dr. Alexander Wolff</td>
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<td>Rumänien</td>
<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Universitatea Politehnica din București (TU Bukarest)</a></td>
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<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Universidad Europea de Madrid</a></td>
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<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Escuela de Ingenieros de Bilbao</a></td>
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<td><a href="https://www.informatik.uni-wuerzburg.de/studium/auslandssemester/partner-institutions/">Universidad de Salamanca</a></td>
<td>Kathrin Borchert</td>
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Erasmus+ Praktika

Praktika können an allen europäischen Universitäten über Erasmus+ gefördert werden. Bei Fragen, wenden Sie sich bitte an das International Students Office oder die Fachkoordinatoren.

Weitere Fördermöglichkeiten

Kanada*: 🌐 University of British Columbia (Kontakt: Prof. Dr. Alexander Wolff)

USA und Kanada: 🌐 TASSEP (Informationen: Prof. Dr. Sebastian von Mammen)

Russland: 🌐 National Research University Higher School of Economics, Moskau (Kontakt: Prof. Dr. Alexander Wolff)

Förderprogramme der Space Informatik

Bei Interesse oder Fragen wenden Sie sich bitte an Prof. Dr. Klaus Schilling. Vereinbarung eines Beratungstermin bei Heidi Frankenberger.

Europa

<table>
<thead>
<tr>
<th>Land</th>
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<tr>
<td>Finnland</td>
<td>🌐 Aalto University / Aalto-yliopisto, Helsinki</td>
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<td>Italien</td>
<td>🌐 Università degli Studi di Perugia (Uni Perugia)</td>
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<tr>
<td>Portugal</td>
<td>🌐 Universidade do Minho, Standort Guimarães</td>
</tr>
<tr>
<td>Spanien</td>
<td>🌐 Universidad de Málaga</td>
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<tr>
<td>Tschechien</td>
<td>🌐 Univerzita Karlova v Praze (Karlsuniversität Prag)</td>
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<tr>
<td></td>
<td>🌐 University of West Bohemia, Pilsen</td>
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Karlsuniversität Prag

Fakultät für Mathematik und Physik

Master’s Programme in Computer Science

Master’s Programme in Computer Science

Study branches in English:

- Theoretical Computer Science.
- Computational Linguistics.
- Discrete Models and Algorithms.
- Computer Graphics and Game Development.
- Software and Data Engineering.
- Software Systems.
- Artificial Intelligence.
Why Study in Prague?

- Enrol in a top-level institution.
- Participate in an outstanding program.
- Enjoy affordable expenditures.
- Get to know a vibrant country with a rich history.
- Live in one of the world’s most beautiful cities.
- Broaden your horizon.

https://youtu.be/jaTfDIR9MFk
Dates for B.Sc./M.Sc. Programmes

- Take a standardized test (TOEFL, ACT, SAT, . . .)
- Application server opens: Oct. 2021
- Application deadline: April 30, 2022
- Enrolment and New Student Orientation: Sept. 2022
- Review Course for C.S. Programmes: end of Sept. 2022
- First day of classes: Oct. 1, 2022
How to Apply

- Fill in the electronic application form.
- Submit the application online.
- Collect all required documents.
- Take a standardized test (SAT, ACT, TOEFL, ...).
- Fill in the electronic application form.
- Submit the application online.
UCU Lviv / Lemberg

- ca. 3500 StudentInnen
- M.Sc. Data Science (engl.)
- B.Sc. Informatik
UCU Lviv / Lemberg

- ca. 3500 StudentInnen
- M.Sc. Data Science (engl.)
- B.Sc. Informatik
Lviv Data Science Summer School

2019

Study program

The goal of the Summer School is to give the practice-oriented knowledge in the field of Data Science.

The students were involved in several elective practice-oriented courses in the domains of Computer Vision, Natural Language Processing, Healthcare, Social Network Analysis, Urban Data Science, etc. After the courses, the students worked on the projects that were provided by the supervisors: school’s lecturers, representatives of IT companies, and other partner organizations. The project work during several days meant implementation and approbation of the previously obtained knowledge and skills. The project teams presented their results publicly at the end of the school.

The participants gained 4 ECTS credits after school completion.

Course list

- Customer Analytics
- Natural Language Processing
- Machine Teaching
- Fairness and interpretability in Machine Learning
- Discrete Computation Graphs
- Applied Econometrics (Macro and Finance)
- Machine Learning for time series and sensor data
- Deep Learning for Computer Vision
- Bayesian Thinking for Applied Machine Learning
- Machine learning for financial data structures
- Conversational Design
- Introduction to Urban Data Science
- Security and Privacy of Machine Learning

Participants’ projects

- Representation learning for image classification
- Machine Learning for Spectroscopic Data
- Visual Inspection of Wind Turbine Blades
- Recommendation Engine for a Procurement System (Zakupki.prom.ua)
- Human segmentation mobile app
- Text generation for job advertisements for rabota.ua
- Text detection/recognition on memes form social networks: Team 1
- Text detection/recognition on memes form social networks: Team 2
- Forecasting the creation of additional groups in kindergartens in Lviv
- Genetics of bacterial antibiotics resistance
- Smart Parking
- Identifying important skills for data scientists based on salary levels
- Study our ability to recreate the parameters of a probability distribution
- Bayesian Inference, Causality, Machine Learning
- OCR in the wild for the Ukrainian language
Lviv Data Science Summer School

About Summer School

Lviv Data Science Summer School is an educational initiative of the Faculty of Applied Sciences of the Ukrainian Catholic University. The Summer School participants – undergraduates, Ph.D. students, young professionals – study state-of-the-art methods and tools of Data Science, and Machine Learning. The school is oriented towards the intermediate level of participants’ knowledge.

The dates of the school in 2022 are July 18th – 30th.

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Important facts

- English level B1 or higher.
- Programming: The knowledge of Python’s basic syntax and main math usage (e.g., Numpy). R language skills are obligatory.
- Basics of Statistical Inference.
- Basics of Machine Learning.
STUDENT EXCHANGE

The Faculty of Computer Science invites students of partner universities to spend up to two semesters studying Computer Science at the Higher School of Economics, Moscow.

01

DEADLINES

Fall semester – April 15
Spring semester – September 30

02

APPLICATION

Apply through the international relations or study abroad office at your home university.

03

SUPPORT

HSE will provide all necessary support to incoming students: visa, accommodation, orientation etc. The university guarantees a placement in the dormitories to all exchange students.
BACHELOR’S PROGRAMS

- HSE and University of London Double Degree Program in Data Science and Business Analytics (Taught in English)
- Applied Mathematics and Information Science (Taught in Russian and English)
- Software Engineering (Taught in Russian and English)

MASTER'S PROGRAMS

- Data Science (Taught in Russian and English)
- Statistical Learning Theory (Taught in English)
- Data Analysis in Biology and Medicine (Taught in Russian and English)
- Financial Technologies and Data Analysis (Taught in Russian and English)
- System Programming (Taught in Russian and English)
- System and Software Engineering (Taught in English)

ABOUT US

Our Faculty
The Faculty of Computer Science trains software engineers, data analysis experts, and computer science researchers. Its educational programs were developed in cooperation with the Yandex School of Data Analysis, one of the strongest computer science graduate schools in Russia.

Language of instruction
The Faculty offers bilingual programs and programs entirely taught in English. Knowledge of Russian is not required from incoming students.

Research
Machine Learning, Data Analysis, Bioinformatics, Theoretical Computer Science

CONTACT US
3 Kochnovsky Proezd, Moscow, Russian Federation, 125319
Mr. Sergey Karapetyan, International Cooperation Manager
s.karapetyan@hse.ru
+7 495 772 95 90 ext. 23100
THE UNIVERSITY OF PERUGIA

Founded in 1308
ONLINE APPLICATION

All students can apply online from April for the 1st Semester and full academic year.

The deadline for 1st Semester and Full-Year applications is June 30th.

Application procedure for the 2nd Semester is available from October.

The deadline for 2nd Semester applications is November 30th

As long as your University has an Exchange Agreement with Università degli Studi di Perugia, you can apply as an exchange student for a mobility period of study. You must be nominated by your Home University: please contact the competent office (Erasmus/International Office) at your University for the application procedures and requirements.

After being nominated by your Home University, you will receive an email from the Università degli Studi di Perugia with an access code that will allow you to start the on-line Application procedure.

Please note that the application is a unique session procedure where you will be asked to express your interest in the Accommodation and Italian Language Courses provided by our University.

You will also need to upload the following documents:

- Learning Agreement signed by you and your Home Coordinator;
- Transcript of Records indicating your past academic courses at your Home University (it has to be issued in English by your University);
- Copy of your Identity Card (or Passport if you need an invitation letter for a Study Visa);
- Your passport-size photo in jpg format.

At the end of the Application procedure you will receive a confirmation email.

The International office will send your Learning Agreement to the relevant Departmental Coordinator at the Università degli Studi di Perugia (https://www.unipg.it/files/pagine/940/delegati_erasmus.pdf) and then you will receive the approved document or, if needed, specific comments and suggestions.
Italian Language Courses

It is highly recommended that incoming students possess at least a basic knowledge of the Italian language before coming to our University, since most of our classes are taught in Italian. Although students are strongly encouraged to take an Italian language course in September or February before the beginning of each semester, a formal language certification is not required.

The University Language Centre (CLA) offers 3 free Italian Language Courses before the beginning of University classes: A1 course (available only on-line), A2 or B1 (in-class courses). Each student can attend only one of the courses.

If you do not have any knowledge of the Italian Language, we suggest you the A1 on-line course to be completed before the beginning of university classes. A2 and B1 in-class courses consist of 60 hours to be completed in 3 weeks.

The First-Semester Course is due to start on September 3, 2018 and the Second-Semester Course on February 1, 2019. Attendance is mandatory, since the very first day. For these courses, students will receive a total of 4 ECTS per year. Please note that these credits will only be allocated if the student has dutifully attended at least 75% of the course hours.

To attend one of our free-of-charge Italian language courses, students must fill in the corresponding box when filling out the on-line Application form.

The University Language Centre (CLA) reserves the right to cancel courses due to an insufficient number of enrolled students. For additional information, please visit the following link: http://www.cla.unipg.it/en/erasmus
Accommodation

We can provide you with a suitable accommodation in one of our Halls of Residence, when available. The reservation process will be managed directly by the Student Mobility Office through an internal agreement with A.Di.S.U. (Agenzia Regionale per il Diritto allo Studio Universitario). You can apply for this additional service directly online by filling in the corresponding box during the online Application procedure.

For further details regarding our University Residences, please visit the following page:

http://www.adisupg.gov.it/tutte-le-residenze-perugia

Please be advised that the Residence is directly assigned by A.Di.S.U. according to availability and, whenever possible, in proximity with the Department that the student will be attending. Therefore the student cannot directly choose his/her Residence.

Double rooms (two people sharing the same room) are usually available. The monthly rent per person, in a shared, double-room apartment (same gender), is €150, including all utility costs (plus €5,00 for each optional linen kit (minimum 2 kits per month).

If you prefer to look for a private accommodation, here you will find some useful links:

https://www.unipg.it/en/international-students/general-information/accommodation
Bordeaux

• 2.000 Sonnenstunden pro Jahr

• Nach Paris hat Bordeaux die meisten erhaltenen historischen Gebäude unter allen Städten in Frankreich; UNESCO-Weltkulturerbe.

• ca. 250.000 Einwohner

• TGV-Entfernung von Paris: 2 h

• Université de Bordeaux: 50.000 StudentInnen