



UNIVERSITY OF AUGSBURG











PRESIDENT'S WELCOME



Dear Readers,

The University of Augsburg is constantly expanding and developing, especially in the field of research. With the Centre for Advanced Analytics and Predictive Sciences (CAAPS), the AI Production Network Augsburg, and the Centre for Climate Resilience (CCR), researchers are addressing the **most urgent questions of our time**. How will Artificial Intelligence influence manufacturing of the future? What opportunities are presented by the emergence of large quantities of data and what risks need to be considered? How can we develop strategies to deal with the impacts of climate change?

This newly acquired knowledge enriches teaching, where the aim is to prepare students for the future so that they have the knowledge and skills to make sustainable decisions. Alongside research and teaching, the transfer of knowledge is also of great importance to the University of Augsburg. Research and technology developed at the university have an impact on many areas from policy and economics through to industry and climate and environmental protection.

The University of Augsburg is also paying special attention to the "Green Transformation", which has an impact on both on campus activities and research. The university aims to become a European leader in university sustainability. The measures used to achieve this are guided by the United Nations Sustainable Development Goals (SDGs), which involve the expansion of sustainability orientated research and teaching at an international level. Simultaneously, changes are also required at the institutional level. We aim to work towards these changes in the coming years.

Yours sincerely,
Prof. Dr Sabine Doering-Manteuffel
President of the University of Augsburg







STUDYING AT THE UNIVERSITY OF AUGSBURG

Everything is in close reach for students and researchers at the University of Augsburg campus. Interdisciplinary exchange is easy, whether relaxing around the lake or while playing sport using the university's facilities.

In addition to two strategic partnerships, the University of Augsburg maintains a wide range of Erasmus and non-Erasmus collaborations. We welcome researchers and students from all corners of the globe to our international degree programmes.

AUGSBURG AS A STUDENT CITY

Augsburg is a vibrant city with a high standard of living and a wide range of cultural events and attractions. Our graduates and students find attractive job opportunities, internships, and part-time jobs within Augsburg and surrounds.

As the third biggest city in Bavaria, Augsburg offers an ideal mix of big city flair and small-town cosiness, surrounded by nature such as the "Siebentischwald" and numerous lakes.

DEGREE PROGRAMMES

(a selection)

HUMANITIES AND SOCIAL SCIENCES

History, Communications and Social Science, Cultural Studies, Art, Literature, Music, Education, Philosophy, Languages, Theology, Environmental Ethics

ECONOMICS AND LAW

Business Administration, Global Business Management, Economics, Law

SCIENCE AND TECHNOLOGY

Geography, Climate and Environment, Mathematics, Physics, Industrial Engineering, Business Mathematics

COMPUTER SCIENCE

Computer Science, Geoinformatics, Computer Science in Engineering, Medical Information Sciences, Business & Information Systems Engineering

MEDICINE

Human Medicine, Midwifery

EDUCATION

Primary School Education, Secondary School Education















RESEARCH

Our research is oriented towards the socially relevant questions of our time. It combines fundamental research with applied research questions. *The Centre for Climate Resilience (CCR)* brings together recognised expertise at the University of Augsburg on the consequences of climate change. It aims to develop holistic and realisable strategies to adapt to the unavoidable consequences of climate change.

MAIN AREAS OF RESEARCH

Artificial Intelligence (AI) is another research focus at the University of Augsburg, which is supported by the Free State of Bavaria's Hightech Agenda. The *Centre for Advanced Analytics and Predictive Sciences (CAAPS)* brings together research in the area of data and its applications in the natural and life sciences and engineering, particularly in connection with AI.

The Centre for Electronic Correlations and Magnetism (EKM) is a centre point for quantum mechanical research. Major research projects such as the acquisition of a Transregional Collaborative Research Centre together with the Technical University of Munich and the Max Planck Institute for Solid State Research in Stuttgart demonstrate its importance.

The Jakob-Fugger-Zentrum (JFZ) is the home of advanced studies in the humanities, cultural studies, and the social sciences. It adopts a transnational and interdisciplinary approach to address substantial challenges faced by globalised society. Through innovative research projects in participating disciplines, it connects audiences both within and outside of academia, ensuring that its research findings are available to the broader public.

The University of Augsburg's *Centre for Interdisciplinary Health Research (CIHR)* addresses socially relevant questions in the areas of health and disease as well as medicine and the health system. This includes a wide range of projects on digital health research, disease prevention, and palliative medicine.

RESEARCH PROFILE

The idea of a network university shapes the University of Augsburg's research profile. Interdisciplinary and transdisciplinary projects promote collaboration across classical research boundaries:

- Environment and Climate
- Health and Medicine
- New Materials and Resources
- Physics and Life Sciences
- Data and Artificial Intelligence
- Society and History
- Economy and Law
- Language and Literature
- Teaching and Learning Studies
- Art and Music













KNOWLEDGE TRANSFER

The University of Augsburg supports and encourages technology-based, growth-orientated start-ups, interdisciplinary cooperation, and the transfer of knowledge to the regional economy. It is also a regional partner for further professional education and training.

The Centre for Lifelong Learning (CLL) is part of the university's transfer services, offering further education and training in fields related to business and law.

The Application Centre for Materials and Environmental Research (AMU) promotes exchange between physics, research in new materials and resources, and companies.

The University of Augsburg is also leading the development of the *AI Production Network Augsburg*, which aims to transfer research findings involving the use of Artificial Intelligence in manufacturing to the regional economy. In this context, the university is researching AI-based manufacturing technologies at the interface of materials, and data-based modelling.

RESEARCH COMMUNICATION

Exchange with other community groups supports an engaged research communication strategy at the University of Augsburg. We communicate our research findings to the public and provide insight into teaching at the university through the media and our social media channels. University events are aimed at a wide range of different audiences, with the "KinderUni Augsburg" and the "Lange Nacht der Wissenschaft" particularly popular.

WORKING AT THE UNIVERSITY OF AUGSBURG

The University of Augsburg is an attractive, family-friendly employer for over 4,000 employees. We are a dynamic university composed of a central parkland campus and a new medical campus.

We offer numerous development opportunities, health prevention services, cultural events, as well as support for employees with families. We also offer numerous opportunities for further professional and vocational training.

We are continually growing and are always looking for creative, motivated personnel, from professors to lecturers and other staff members working in scientific and administrative roles.









arriere/stellenangebote

www.uni-augsburg.de/en/jobs-und-karriere/stellenangebote





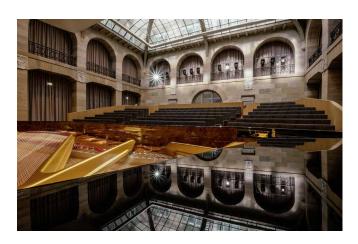


LEOPOLD MOZART COLLEGE OF MUSIC

The Leopold Mozart College of Music (LMC) at the University of Augsburg is a diverse and well-networked musical training centre with a regional focus.

Located in the heart of Augsburg, it offers a high-quality, well-supervised musical education integrated into a full university. It offers numerous interdisciplinary projects as well as collaborative research projects with other disciplines.

With around 300 students, the LMC offers the opportunity to attend courses at three faculties as well as specialised language courses at the Language Centre. It also offers numerous opportunities to perform at university events.





THE NETWORK UNIVERSITY IN TUNE WITH THE TIMES

With eight faculties including medicine, the University of Augsburg is addressing the biggest questions of our time through teaching and research:

How can we adapt to climate change? How can Artificial Intelligence benefit our society? What do our children need to learn today to be fit for tomorrow?

INTERESTED TO LEARN MORE?

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