

SCIENCE FOR SOCIETY

Julius-Maximilians-
**UNIVERSITÄT
WÜRZBURG**

DEAR READERS,

At our Julius Maximilians University (JMU), we have a long tradition of pioneering spirit and innovation. Every day, creative ideas emerge, moulding our society and contributing to overcoming current and future global problems. Why is a stable Earth climate so important? How do we shape our living space sustainably? How can digital transformation be accomplished? We must work together now and in the future to find answers to these questions: In collaboration with our alumni, partners, sponsors and students, our scientists make their expertise available to society in research and teaching, thus shaping a better future. It is important to us that the social relevance of our research is visible and that new scientific findings are accessible.

The fact that we are able to hold our own so well in numerous rankings, even in the face of constantly growing international competition, is a result of joint efforts in all areas of our university – something we can be very proud of.

I hope you enjoy reading this

Your Prof. Paul Pauli

*President of the
University of Würzburg*



WE ARE BOUND TO TRADITION AND COMMITTED TO THE FUTURE

The University of Würzburg can look back on a history of more than 600 years. Founded in 1402, it was the sixth university to be established in the German-speaking world after the universities of Prague, Vienna, Heidelberg, Cologne and Erfurt and is the oldest university in Bavaria.

In 1582, Prince-Bishop Julius Echter von Mespelbrunn ensured that the “Academia Iulia” flourished for the first time. He provided the impetus for the construction of the “Old University” including the University Church – a building complex that is still used by JMU today. This is the home of the Faculty of Law, with the newly built church serving as the university’s festival hall.

After being almost completely destroyed by a bombing raid on Würzburg in March 1945, the university recovered quickly. It kept its historic buildings in the city centre – the “Old University” in Domerschulstraße and the “New University” on Sanderring – as places for teaching and research. From the 1960s onwards, the university expanded its size by adding a spacious campus area on the eastern outskirts of the city. It was able to significantly increase in size again in 2011 after the withdrawal of US armed forces. JMU has seen continuous development there as well.

Many famous scientists, including 14 Nobel Prize winners, have researched and taught in Würzburg. Wilhelm Conrad Röntgen is also one of the well-known personalities. He discovered the rays named after him [“Röntgen rays”, also known as “X-rays”] in Würzburg in 1895. Another physicist, Klaus von Klitzing, succeeded here in 1980 in proving and precisely measuring the quantum Hall effect.



Facts and figures

100 worldwide
partner universities



10 faculties

2300 foreign
students

14 Nobel prize winners

27,000 of which approx.
students

16,500
are women

250 study programmes

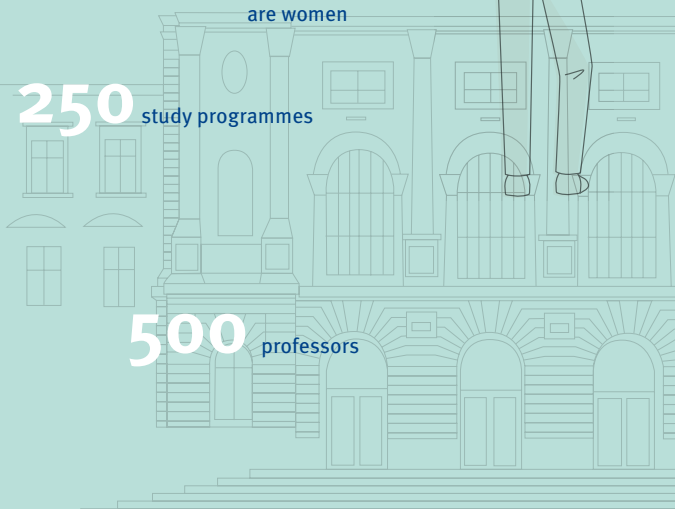
500 professors

6200
student teachers

2300
hectares forest estate

3 museums
(Martin von Wagner Museum,
Mineralogical Museum, Center for
the History of Psychology)

1 botanical garden





250 COURSES OF STUDY

The University of Würzburg offers classics such as law, medicine, theology and philosophy, but also newly conceived, forward-looking degree programmes such as “Computer Science and Sustainability”, Modern China, Quantum Technology or Human Computer Systems. 90 percent of Bachelor’s degree programmes are open-admission programmes.

JMU is one of the major locations for training prospective teachers at virtually all types of schools – from primary to secondary. The range of subject combinations leaves nothing to be desired and is continuously being expanded, for example most recently with the study programme “Pedagogy for the Visually Impaired”, which is unique in Germany.

Attractive Master’s degree programmes provide students entry into promising professions: Satellite Technology, eXtended Artificial Intelligence or Diversity Management are just three examples.

In addition, there are further education, accompanying or post-graduate courses such as Experimental Medicine, Digitalisation and Law or Psychological Psychotherapy.

**AS A COMPREHENSIVE UNIVERSITY,
JMU LEAVES (ALMOST) NOTHING
TO BE DESIRED**

EXCELLENT TEACHING

Lecturers at the University of Würzburg offer top-class teaching with innovative formats. JMU supports them in implementing new ideas – for example with a fund for innovative teaching projects. The Centre for Academic Education and Teaching initiates new projects and reforms in the area of “study and teaching” and examines their success.

PROVEN QUALITY

JMU has carried the seal of system accreditation since 2018. Prior to this, it had demonstrated in an extensive review process that it has a robust quality assurance system for its degree programmes and study conditions. Graduates of accredited degree programmes also reap the benefits of this, using the quality seal in their degree certificate to stand out from the crowd on the labour market.



OUR RESEARCH IS EXCELLENT

Science for society: This is the guiding principle of JMU. With this goal in mind, scientists are looking for new insights in research areas that are relevant to the future. With success: They regularly receive substantial third-party funding for innovative research projects, including the Cluster of Excellence “Complexity and Topology in Quantum Materials”. In this cluster, physicists from JMU and TU Dresden research new types of materials for technological applications of the future. Various non-university institutions also strengthen interdisciplinary research at JMU. These include the Fraunhofer Institute for Silicate Research, the Center for Applied Energy Research as well as the Helmholtz Institute for RNA-based Infection Research and the Max Planck Research Groups for System Immunology.

Fostering talent: JMU offers young scientists the opportunity to conduct independent research at an early stage. It supports young researchers on their career paths with a variety of funding programmes.

Excellent: Work by Würzburg scientists is regularly honoured with internationally renowned prizes. Academic rankings also underscore JMU’s international research strength.



WÜRZBURG MEDICAL UNIVERSITY – HIGHEST QUALITY IN RESEARCH AND PATIENT CARE

Superb medical science and cutting-edge research for the benefit of patients: This is the motto at the University Hospital. Each year, around 69,000 people are treated there as inpatients and over 249,000 as outpatients.

Science and therapy are inseparably linked at the hospital, so that patients benefit from the latest treatment standards. This quality is also confirmed by independent sources: In the Focus Ranking 2023, for example, the clinical centre takes 13th place among around 1250 hospitals nationwide.

Cutting-edge medicine needs the right setting. Accordingly, numerous large new buildings have recently been constructed on the medical campus, such as the Centres for Surgical and Internal Medicine or the German Centre for Heart Failure. Many other important projects are being planned or are nearing completion.

WÜRZBURG – VIBRANT UNIVERSITY CITY AND CULTURAL CENTRE

The university and the city are closely linked. With a population of around 130,000, it is the 35,000 or so students at the university, the technical college and the college of music that keep Würzburg young and full of life. Boasting a wide range of cultural and leisure activities, Würzburg is an attractive student city providing a good quality of life with JMU enriching the city's cultural life through its concerts and exhibitions.

The Main River, which flows through the middle of the city, plays an important role in this. Festivals and concerts on its banks invite you to experience music and culture. The Würzburg Residence has been a Unesco World Heritage Site since 1981. JMU students attend seminars and lectures in its baroque rooms; in its south wing, those interested in art and history can visit the exhibitions of the university's Martin von Wagner Museum.

Würzburg also has a lot to offer for athletes: Cycling, running and inline skating routes run along the Main. For the even more athletically inclined, the vineyards offer a magnificent view of the city.

Würzburg is a city of short distances. The best way to get around the city centre is on foot or by public transport. Many routes can be easily covered by bicycle.



**THERE IS A LONG
TRADITION OF
PIONEERING SPIRIT
AND INNOVATION
AT JMU**



TRANSFER

JMU is important for the economy: as a partner in application-oriented research projects and as a training centre for the next generation of managers. It promotes contact between science and industry in order to quickly bring the latest findings and technologies from the laboratories to the market.

JMU supports the entire transfer process, from the development of the idea and the protection of inventions to the founding of a company and the initiation of cooperation with industry. The “Gründungsradar” ranking [association comparing German university profiles for start-up support] has repeatedly attested to JMU’s very good start-up climate.

ALUMNI

More than 50,000 people are networked in JMU’s large alumni family. They work in a wide variety of positions in over 90 countries.

What they all have in common is that they have spent or are still spending a period of their lives at JMU. They come together in projects and activities. They are involved financially and ideologically, for example as mentors for students, and are an important part of university life.



EXTENSIVE INTERNATIONAL NETWORK

Internationalisation is one of the guiding principles of the University of Würzburg: JMU maintains several hundred university partnerships and over 800 exchange agreements for students with universities worldwide and is continuously expanding them. In addition, there are numerous contacts at institute and professorial level.

Since 2022, JMU has been a member of the CHARM-EU European University Alliance – together with renowned universities, for example in Barcelona, Dublin, Utrecht and Budapest. They aim to develop study, research and exchange programmes that contribute to solving global challenges and to a more sustainable and inclusive future.

JMU is popular with researchers from abroad, as a ranking by the Humboldt Foundation shows. JMU is ranked 14th in the list of the most popular host universities in Germany.

The university supports stays abroad and internships as central elements of a degree programme with various scholarship programmes. This offers JMU students the opportunity to gain experience abroad and qualify for an international job market.

In return, thousands of young people from foreign partner universities come to Würzburg every year to complete part of their studies here and get to know the German way of life.

THE COMPATIBILITY OF STUDIES, CAREER AND FAMILY IS A CENTRAL CONCERN FOR US

THE UNIVERSITY OF WÜRZBURG AS A FAMILY- FRIENDLY EMPLOYER

10,000 employees and trainees work at the University of Würzburg and the Würzburg Hospital. Around 3000 of them belong to the academic staff, and nearly 500 hold professorial positions. The two institutions offer them all an attractive and family-friendly environment.

In terms of equality, JMU is one of the best universities in Germany according to the CEWS ranking. It is certified as a family-friendly university and offers its employees a wide range of development opportunities on the job.

The family service offers information and advice on the topic of “Work-Life balance”. It provides crèche places and baby care and organises all-day programmes for school children during the holidays. In addition, it runs a short-term care service for small children.

The “Healthy University” ensures a sustainable culture of health with its facilities and programmes.





The university management from left to right: Prof. Matthias Bode, Dr. Uwe Klug, Prof. Doris Fischer, Prof. Paul Pauli, Prof. Caroline Kisker, Prof. Andreas Dörpinghaus, Prof. Anja Schlömerkemper

**AS A PLACE OF INNOVATIONS AND IDEAS,
WE TAKE A LEADING ROLE IN RESEARCHING
AND ANSWERING BIG QUESTIONS ABOUT
THE FUTURE**



JMU – FULL UNIVERSITY WITH A FOCUS ON FUTURE TOPICS

With its faculties, research centres and scientific institutions, the University of Würzburg is open and committed to groundbreaking topics.

As a source of innovation and ideas, it plays a leading role when it comes to researching major issues about the future and answering pressing questions – for example in the areas of health, climate change, artificial intelligence and sustainable energy production.

True to its motto Science for Society, JMU provides important impetus for scientific progress, social development and the economy.

RESPONSIBILITY AND KNOWLEDGE

We stand for sustainability
in research, teaching and
university management.

More information at:
go.uni-wue.de/sustainability





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