



## Ulm University at a glance



### Ulm University in numbers

Winter semester 2022/23

4 faculties	23 bachelor's programmes
65 study programmes	39 master's programmes incl. 12 English-taught and 6 career-integrated
	2 state examination programmes and 1 PhD programme

10,316 students | 14% international students

1,790 graduates (examination year 2022) | 505 doctorates (year 2022)

3,987 staff (incl. Medical Faculty, not counting Ulm University Medical Center) | 226 professors

ca. 135 million €

Excellence Strategy of the federal and state governments

- Joint Cluster of Excellence POLIS (Post Lithium Storage) together with application partner Karlsruhe Institute of Technology (KIT): "Energy storage beyond lithium"

Cooperative research

5 Collaborative Research Centres (SFB) of the German Research Foundation (DFG)

2 Research Units of the DFG

Doctoral research training programmes

5 Doctoral research training groups, international graduate school

ERC Grants

- 1 Synergy Grant
- 1 Advanced Grant
- 2 Consolidator Grants
- 2 Starting Grants

### Research



#### Main research areas:

- Energy conversion and energy storage
- Quantum science and technology
- Transdisciplinary trauma science
- Molecular mechanisms of ageing and age-related diseases
- Interdisciplinary data science and artificial intelligence

#### Collaborative Research Centres:

- SFB 1506: Aging@Interfaces
- CRC/TRR 234: Light-driven molecular catalysts in hierarchically structured materials
- CRC 1279: Exploiting the human peptidome for novel antimicrobial and anticancer agents
- CRC 1149: Danger response, disturbance factors and regenerative potential after acute trauma
- CRC 1074: Experimental models and clinical translation in leukemia

#### Support for junior scientists:

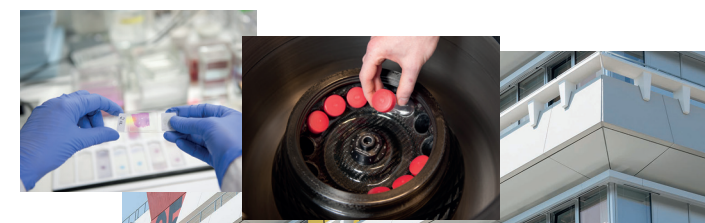
- Graduate & Professional Training Center Ulm (ProTrainU)

#### Research services:

- Center for Research Strategy and Support (Res.Ul)

#### Selected cooperations:

- Helmholtz Institute Ulm (HIU)
- Center for Solar Energy and Hydrogen Research Baden-Wuerttemberg (ZSW)
- Center for Electrochemical Energy Storage Ulm & Karlsruhe (CELEST)
- Integrated Quantum Science and Technology (IQ<sup>ST</sup>)
- Quantum<sup>BW</sup>
- BMBF-Cluster4Future „QSens – Quantum sensors of the future“
- DLR Institute of quantum technologies in space (DLR-QT)
- Competence Center Quantum Computing Baden-Wuerttemberg “Quantum Technology – Baden-Wuerttemberg” (QTBW) network
- Carl-Zeiss-Stiftung Center for Quantum Photonics (CZS Center QPhoton)
- National Centre for Tumour Diseases (NCT SuedWest)
- German Center for Neurodegenerative Diseases (DZNE)
- German Center for Child and Adolescent Health (DZK)
- German Center for Mental Health (DZPG)
- Boehringer Ingelheim Ulm University BioCenter (BIU)
- Ulm site of the Hahn-Schickard Institute of Microanalysis Systems
- Centre for Digitalisation, Analytics & Data Science Ulm (DASU)
- DLR Institute for AI Safety and Security



### Study & Teaching

#### English-taught study programmes

- Engineering, Computer Science and Psychology
  - Cognitive Systems (MSc)
  - Communication and Information Technology (MSc)

- Mathematics and Economics
  - Finance (MSc)

#### Medicine

- Advanced Oncology (career-integrated MSc)
- Molecular and Translational Neuroscience (MSc)
- Molecular Medicine (MSc + PhD)

#### Natural Sciences

- Biology (MSc)
- Biophysics (MSc)
- Chemical Engineering (MSc)
- Chemistry (MSc)
- Energy Science and Technology (MSc)
- Physics (MSc)
- Quantum Engineering (MSc)

Find a complete list of study programmes overleaf.

- Cutting-edge research and development
- High-end laboratories and facilities
- Modern teaching methods based on scientific project work
- Wide range of services for the student and research community
- Personal support at the departmental level and from central units like the International Office
- Attractive living environment in a friendly and safe medium-sized city in the beautiful southwest of Germany
- Housing in well-equipped student residences
- Large international community and diversity on campus and in the city of Ulm
- Affordable child care on campus
- Promising career opportunities in one of Germany's most prosperous regions



Study programmes

#### Promoting high standards in teaching

- At the Centre for Teaching Development (ZLE), the field of teaching is under continuous, systematic development. Here teachers benefit from active support in pedagogical matters.
- The Competence Centre eLearning in Medicine in Baden-Wuerttemberg develops innovative projects and supports interactive, flexible ways of teaching.
- Latest research findings are integrated in the curriculum. Students receive extensive support – both on a study-related and personal level.
- The School of Humanities provides additional study offers around philosophy and humanities as well as languages and transferable skills.

#### International exchange

- Exchange programmes in Europe and around the globe are great opportunities for students as well as staff to gain international experience and strengthen their intercultural skills.
- People from over 100 countries study, research and work together on campus supported by the International Office.
- Ulm University maintains close cooperations with selected international partner universities, such as the German University in Cairo as part of the world's largest transnational education project.

#### Continuing academic education

- Continuing scientific education in the form of master's degree programmes or small-scale formats take place at the School of Advanced Professional Studies (SAPS).
- It is possible to take any of the certificate courses without registration for personal and professional skills development.
- The combination of individual support and an innovative modular and blended-learning approach provides the flexibility necessary for achieving a good balance between family, career and studying.

### Science City Ulm

The campus of Ulm University is part of the Science City Ulm, an innovative teaching, research and science hub. There are numerous start-ups, development centres of renowned companies such as Siemens, Nokia, BMW, Liebherr or Bosch Rexroth, as well as clinics and research institutions that are connected with the University. In addition to close collaborations in research projects, contract lecturers from the industry bring their knowledge into the University; at the same time, students gain insight into practice through internships and final theses.

#### Ulm and region

Ulm is a city in Germany in the state of Baden-Wuerttemberg, located directly on the Danube. It belongs to one of Germany's most economically dynamic regions. With a population of around 130,000 people, Ulm has an ideal size for living, studying and working. The city offers a diversified mix of medieval and modern architecture and a great variety of cultural, sports and leisure activities. A literally outstanding landmark is the 'Muenster', Ulm's church with the world's highest steeple.

