

# Nuremberg's University of Applied Sciences

**A place to grow connections**



# The Ohm

The Technische Hochschule Nürnberg Georg Simon Ohm (the Ohm) is one of the largest universities of applied sciences in Germany, bringing together around 12,500 students from diverse educational, social, and cultural backgrounds. The university offers a broad, practice-oriented academic portfolio spanning engineering, business, social sciences, and design.

At the Ohm, academic excellence goes hand in hand with real-world relevance. Programmes at undergraduate and graduate levels are closely aligned with industry needs and complemented by cooperative education models and flexible learning formats. The Ohm is a member of the DIVERSE European University Alliance, working closely with partner institutions across Europe to advance joint teaching, research, and innovation. Our focus on applied sciences together with our strong networks means graduates from the Ohm are equipped to successfully transition into international careers.

Lifelong learning is an integral part of the university's mission. With the Ohm Professional School, the Ohm operates a dedicated institute for continuing education.

Research at the Ohm is driven by the ambition to address key societal challenges and to turn innovative ideas into tangible, sustainable solutions. Through close collaboration with regional and international partners in academia, industry, and the public sector, the university actively contributes to innovation in the Nuremberg Metropolitan Region and beyond.

As a forward-looking institution, the Ohm combines academic quality with social responsibility and positions itself as a dynamic place for teaching, research, and lifelong learning.

Visit our  
website



# Key Figures

**Founded:** 1971 (institutional roots date to 1823)

**Students:** Approximately 12,500 from 110 nations

**International students:** Approximately 13%

**Structure:** 13 Faculties and Ohm Professional School

**Academic programmes:** Broad range of accredited bachelor's, master's, and doctoral programmes, including English-taught programmes

**Faculty:** Approximately 363 professors and around 700 adjunct faculty

**Global partnerships:** About 200 partner universities worldwide

**Quality assurance:** Certified quality management system (DIN EN ISO 9001:2015) and authorised to accredit academic programmes independently (system-accredited university)

**Diversity & equality:** Recognised for strong equal opportunity and diversity standards

**University culture:** Award-winning employer within the higher education sector

**Third-party funding:** Strong track record in acquiring multi-million-euro funding across multiple disciplines and projects

(data: 7 Dec 2025)

## Faculties:

- **Applied Chemistry**
- **Applied Mathematics, Physics and Humanities**
- **Architecture**
- **Business Administration**
- **Civil Engineering**
- **Computer Science**
- **Design**
- **Electrical Engineering, Precision Engineering, Information Technology**
- **Materials Engineering**
- **Mechanical Engineering and Building Services Engineering**
- **Process Engineering**
- **Nuremberg School of Health**
- **Social Sciences**



Studying at  
the Ohm

## Member of the DIVERSE European University Alliance

DIVERSE pursues the consolidation of a new model of higher education by creating a fully integrated European university, characterised by its interdisciplinary, collaborative, and sustainable approach. It aims to develop an inter-university campus, serving as a dynamic ecosystem where students, researchers, entrepreneurs, and professionals can interact and generate global impact.

For more information  
about DIVERSE visit:



# Strategic International Orientation

The Ohm's international orientation is firmly embedded in its organisational development. The university's 2023 Internationalisation Strategy guides the continuous expansion and consolidation of its global engagement. Here are five points that summarise our approach:

## 1. The Ohm prepares students for a global future.

English-taught programmes in engineering and the arts open international pathways. All students are encouraged to spend at least one semester abroad, develop their second-language skills, and engage in intercultural exchange on campus to develop their global readiness.

## 2. The Ohm is a vibrant place to study, work, and connect across cultures.

An international campus, close interaction between local and international students, and the active involvement of guest lecturers from abroad create a truly global learning environment. Dedicated support services ensure that international students succeed and complete their studies with confidence.



### 3. The Ohm strengthens its profile in international research.

Global partnerships and strong research networks expand opportunities for collaboration and impact. Active participation in European research and innovation programmes further enhances visibility and exchange. An increasingly international research community brings fresh perspectives and drives innovation across the university.

### 4. The Ohm expands its international partnerships in teaching, research, and administration.

Multilateral and bilateral cooperation creates lasting connections and opens new opportunities for exchange and international collaboration. Strategic partnerships at university and faculty levels deepen cooperation and reinforce the university's global outlook.

### 5. The Ohm shapes internationalisation as a shared mission across the university.

Efficient structures and clear processes support this development. Staff and faculty embrace the opportunities and challenges of an international university. Strong intercultural and language skills foster an open, connected, and future-oriented campus.

# Regional Strength & Innovation Ecosystem

## Rooted in Excellence: The Nuremberg Metropolitan Region

The Ohm is located in the heart of the Nuremberg Metropolitan Region. This dynamic European Regional Innovation Valley combines academic excellence, innovative industries, and a strong culture of entrepreneurship. It is one of Germany's leading economic areas and offers close connections between higher education, research, and industry. Vibrant cities and attractive natural surroundings come together

to create a unique living and learning environment. Tradition and innovation coexist and continuously shape the region's development. For everyone at the Ohm, this means being part of a highly connected ecosystem. New ideas emerge, perspectives broaden, and meaningful connections are built across disciplines, cultures, and industries.

## Strong Industrial and Research Ecosystem

The Nuremberg Metropolitan Region is home to globally renowned companies such as Siemens, adidas, Puma, and DATEV. At the same time, it features a strong network of highly innovative small and medium-sized enterprises, creating a diverse and resilient economic landscape. Close connections between business, research, and infrastructure foster a dynamic environment in which ideas move quickly and collaboration comes naturally.

As part of this ecosystem, the Ohm actively contributes through strategic partnerships and practice-oriented research. One outstanding example is the Campus Future Driveline. This joint initiative of the Ohm, MAN Truck & Bus, and FAU Erlangen-Nürnberg drives the development of new technologies for sustainable mobility.



**Well prepared  
for your studies**

Health insurance in Germany -  
Tipps, details and guidelines for  
international students.



**TK**  
Die  
Techniker



## Regional Key Figures (Jan 2026)

- **Area:** 21,800 km<sup>2</sup>
- **Population:** 3.6 million
- **Workforce:** 2 million employees
- **GDP:** €181 billion (2023)
- **Export Ratio:** 49%
- **Accessibility:** 27 million people reachable within a 200 km radius

Nuremberg  
Metropolitan Region



# Wir machen uns stark für die Metropolregion!

Innovation | Internationales | Fachkräftesicherung  
Digitalisierung | Energieeffizienz | Mobilität

[www.ihk-nuernberg.de/ihk-themen](http://www.ihk-nuernberg.de/ihk-themen)



Industrie- und Handelskammer  
Nürnberg für Mittelfranken



# Research & Innovation at the Ohm

The Ohm combines research excellence with a strong practical focus. More than 150 state-of-the-art laboratories create outstanding conditions for high-quality research, close collaboration with industry, and

hands-on learning. This dynamic environment enables students, researchers, and partners to turn ideas into real-world solutions.

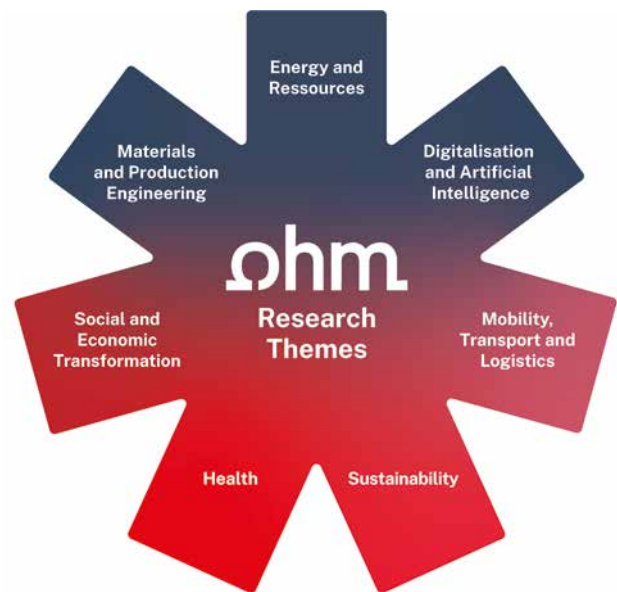
## Focused on the Future

To sharpen its research profile for the future, the Ohm has further developed its strategic key topics into forward-looking research themes. Aligned with European, national, and Bavarian innovation strategies, these themes provide clear direction and enhance visibility at both national and international

levels. They also foster closer exchange across disciplines, strengthen internal networks, and create valuable synergies. In this way, the Ohm is building a more focused, efficient, and competitive research environment to address the challenges of tomorrow.

## Environments for Ideas

Research, teaching, and innovation at the Ohm extend far beyond its 13 Faculties. To address specific challenges and combine a wide range of expertise, numerous institutes, competence centers, research groups, and other collaborative platforms have been established. They connect disciplines, foster collaboration, and create a dynamic foundation for forward-looking ideas and solutions.



## Strong Partnerships, Innovative Projects

Research at the Ohm is characterised by its thematic diversity and a broad range of funding bodies, including federal ministries, the European Union, the German Research Foundation (DFG), the Free State of Bavaria, private and public foundations, and industry partners. At the European level, the Ohm participates in numerous

collaborative projects that promote international exchange with research institutions, companies, and public organisations. A key feature of the Ohm's research landscape is the close integration of funding, research, and knowledge transfer.

### Research Structures at the Ohm:

- 10 interdisciplinary research institutes
- 7 doctoral research centers
- 6 competence centers
- 3 collaborative research platforms
- 2 DFG research initiatives
- 2 technology transfer centers

## Ohm Innovation Center

Opened in autumn 2025, the Ohm Innovation Center (OIC) is a hub for applied research, innovation, and knowledge transfer. With modern facilities and strong support services, it brings together academia, industry,

and society to develop solutions for the future. The site offers 8,500 m<sup>2</sup> of research space, comprising flexible laboratories, makerspaces, co-working environments, and modern event areas.



Ohm Innovation  
Center



**APROVIS**  
better performance

**Innovative technologies for  
exhaust systems and gas treatment.**

[www.aprovis.com](http://www.aprovis.com)



# Campus Experience

## Community & Support

### Living and learning in Nuremberg

Students benefit from affordable living costs, a very good public transport system, and a safe and accessible environment in Nuremberg. At the same time, campus life at the Ohm is vibrant and diverse. A wide range of activities – from student theatre and the Formula Student and robotics teams to music groups such as the big band – creates a strong sense of community

and engagement. The Ohm is a place where students connect, get involved, and shape their own experience. International students are supported throughout their entire journey. Before and during their studies, dedicated staff in the Faculties and the Ohm International School provide guidance and support, helping students settle in quickly and focus on their academic and personal development.

## Joint Programmes & Academic Exchange

### Programme formats and collaboration options

The Ohm offers a wide range of international formats. These include summer schools, international weeks, visiting scholar programmes, guest lectureships, COIL modules, short-term programmes, and tailored partnership initiatives. They create flexible opportunities for exchange, joint learning, and collaboration.

### Professional support structures

The Ohm provides comprehensive support for international partners. This includes services for incoming delegations, visiting academics, industry experts, and international staff. Orientation, mentoring, and housing advice help ensure a smooth and successful collaboration experience.

### Collaborative research and innovation activities

Partners gain access to interdisciplinary research groups, innovation centers, laboratories, and applied research networks. These structures foster collaboration and support the development of joint research and innovation projects.

Welcome to Nuremberg and the Ohm





do your thing

# Take your career into your own paws.

Shape the future of banking.



Have you earned your degree? Or maybe you have some original ideas that you'd like to try out before graduating? Let's join forces to make them a reality! To get the ball rolling:

**Start as a trainee in our Junior Expert or International Talent programmes.**

**Get a first impression as an intern in one of our IT departments.**

Learn more here:



ING

# Take the Next Step

## Contact us

**Technische Hochschule Nürnberg  
Georg Simon Ohm**

Keßlerplatz 12  
90489 Nuremberg  
Germany

[ohm-international@th-nuernberg.de](mailto:ohm-international@th-nuernberg.de)



**DIVERSE**  
European University Alliance



[www.th-nuernberg.eu](http://www.th-nuernberg.eu)