**Key Research Areas**
- Digital Humanities
- Intelligent Technical Systems
- Lightweight Design with Hybrid Systems
- Optoelectronics and Photonics

**DFG Collaborative Research Centres**
- On-The-Fly Computing (SFB 901)
- Tailored Nonlinear Photonics: From Fundamental Concepts to Functional Structures (SFB/TRR 142)

**Graduate Schools**
- Automatisms – Cultural Techniques of Complexity Reduction
- Energy- and Cost-Efficient Extreme Lightweight Design with Hybrid Materials
- Design of Flexible Work Environments – Human-Centred Use of Cyber-Physical Systems in Industry 4.0
- Individual Support: Competence Development in Vocational Education
- International Graduate School of Intelligent Systems in Automation Technology (ISA)
- Islamic Theology
- Micro- and Nanostructures in Optoelectronics and Photonics

**Interdisciplinary Research Institutes**
- Centre of Excellence “Music – Edition – Media”, Paderborn University, University of Music Detmold and Ostwestfalen-Lippe University of Applied Sciences
- Centre for Comparative Theology and Cultural Studies (ZeKK)
- Centre for Gender Studies (ZG)
- Centre for Optoelectronics and Photonics Paderborn (CeOPP)
- Competence Centre for Sustainable Energy Technology (KET)
- Heinz Nixdorf Institute (HNI)
- Institute for Lightweight Design with Hybrid Systems (ILH)
- Musicology Seminar Detmold/Paderborn
- Paderborn Centre for Educational Research and Teacher Training (PLAZ)
- Paderborn Centre for Parallel Computing (Pa2C)
- Paderborn Centre for Advanced Studies (PACES)
- Software Innovation Lab (Si-Lab)

**Fraunhofer Institutions**
- Fraunhofer Research Institute for Mechatronic Systems Design (IEM)
- Fraunhofer ENAS, Department of Advanced Systems Engineering

**Joint Ventures**
- C-LAB – Cooperative Computing & Communication Laboratory – Joint research and development laboratory operated by Atos and Paderborn University
- E-MEC – Direct Manufacture Engineering Research Centre – A consortium of industrial partners and Paderborn University
- EUR-U – 888 Leading Edge Cluster “Intelligent Technical Systems OstWestfalenLippe”
- L-LAB – Research Institute for Automotive Lighting and Mechatronics. Public Private Partnership between Hella KG Hueck & Co, Hamm-Lippstadt University of Applied Sciences and Paderborn University
- SICP – Software Innovation Campus Paderborn – A Cooperation of Paderborn University with Fraunhofer Research Institute for Mechatronic Systems Design (IEM) and companies of the region

**DFG Research Units**
- Acoustic sensor networks
- Dynamics of Electron Transfer Processes at Transition Metal Centres in Biological and Bioinspired Systems
Welcome to Paderborn

Welcome to Paderborn, an international university with a dynamic and exciting campus atmosphere.

The University of Paderborn (UPB) is a public research university located in Paderborn, Germany. It offers a wide range of academic programs and is known for its strong emphasis on research and collaboration with industry and international partners.

The city of Paderborn

Paderborn is a medium-sized city located in the federal state of North Rhine-Westphalia, Germany. With a population of approximately 150,000 citizens, the city is known for its safety and its cultural and educational opportunities.

The University of Paderborn

At UPB, students have the opportunity to study in a diverse and international environment. The university offers a wide range of academic programs, including undergraduate and graduate degrees, as well as a variety of research opportunities.

The academic programs

UPB offers a wide range of academic programs across various faculties, including sciences, engineering, computer sciences, economics, management, and more. The university also offers a variety of international programs, allowing students to study in English or German.

Supporting exchange

UPB has a strong focus on international exchange programs, providing students with the opportunity to study abroad or participate in exchange programs at other universities.

Extramural activities

At UPB, students can participate in a variety of extramural activities, including cultural events, sports clubs, and volunteer opportunities, helping them to develop their skills and make new connections.

The University of Paderborn is a vibrant and dynamic institution, providing students with the opportunity to learn, grow, and succeed in a diverse and international environment.

Faculties

I Faculty of Arts and Humanities

• English Studies
• Romance Languages
• Musicology Seminar
• Linguistics
• German Literature
• Popular Music and Media
• Media Studies

II Faculty of Social Studies

• Geography
• Sociology
• Cultural and Media Studies
• History
• Economics and Business Administration
• Business Information Systems
• Sport and Exercise Science
• Business Administration and Economics

III Faculty of Business Administration and Economics

• Management
• Taxation, Accounting, and Business Law
• Business Administration and Economics
• Business Information Systems
• Business Administration
• Accounting

IV Faculty of Computer Science, Electrical Engineering and Information Technology

• Computer Science
• Electrical Engineering
• Information Technology
• Computer Systems Engineering

Studies

Bachelor’s Programmes

• Bachelor of Arts Programmes
• Bachelor of Science Programmes

Master’s Programmes

• Master of Arts Programmes
• Master of Science Programmes

Doctoral Programmes

• Doctoral Programmes in Social Sciences
• Doctoral Programmes in Mathematics

PhD

Students

International Students

(Numbers as of 2017-2018)

<table>
<thead>
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<tr>
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</tbody>
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Facilities

UPB offers state-of-the-art facilities and laboratories, allowing students to engage in cutting-edge research and development.

In July 2017, Nina Reckendorf and Johannes Pauly published the latest edition of their book, offering insights into the vibrant and dynamic environment at Paderborn University.