

Where is Paderborn?

Contact

University of Paderborn
International Office

Warburger Straße 100
D-33098 Paderborn
Germany
www.upb.de/international



University of Paderborn

Human Resources/Finances

Research

Paderborn, Germany



Financial Year 2015	
Budget	203 million euro
External funds 2015	43 million euro
Students in total: 19,931	
Human Resources, staff: 2,311	

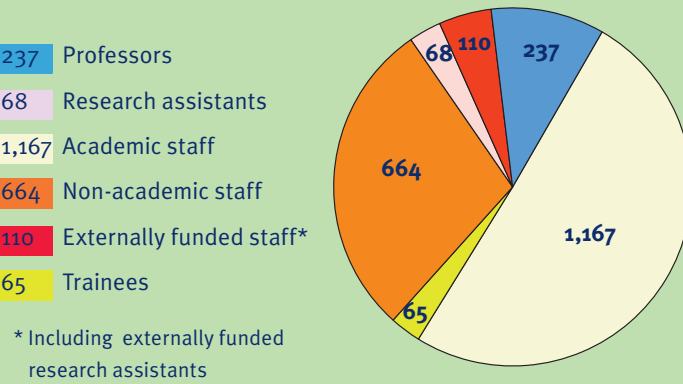


Photo: Szolnoki, May 2015

Key Research Areas

Intelligent Technical Systems
Lightweight Design with Hybrid Systems
Optoelectronics and Photonics

DFG Collaborative Research Centres

- On-The-Fly Computing (SFB 901)
- Process-Integrated Manufacturing of Functionally-Graded Structures Based on Coupled Thermomechanical Phenomena (SFB/TRR 30)
- 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-Centric Use of Cyber-Physical Systems in Industry 4.0
- Individual Support: Competence Development in Vocational Education
- International Graduate School of Intelligent Systems in Auto-technology (ISA) – Joint activity of the University of Paderborn and the Ostwestfalen-Lippe University of Applied Sciences
- Islamic Theology
- Micro- and Nanostructures in Optoelectronics and Photonics

Interdisciplinary Research Institutes

- Centre of Excellence “Music – Edition – Media” of Paderborn University, the University of Music Detmold and the 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 (PC²)

University of Paderborn

Research

University Executive Board

- Paderborn Institute for Advanced Studies in Computer Science and Engineering (PACE)
- Paderborn Institute for Scientific Computation (PaSCo)

Fraunhofer

- Paderborn Department of Advanced System Engineering (ASE) at the Fraunhofer Institute for Electronic Nano Systems (ENAS)
- Fraunhofer-Project Group Design for Mechatronic Systems at the Fraunhofer Institute for Production Technology (IPT)

Joint Ventures

- C-LAB – Cooperative Computing & Communication Laboratory – The Innovations Workshop for Atos and the University of Paderborn
- DMRC – Direct Manufacturing Research Centre – A Consortium of 15 Partners and the University of Paderborn
- it's OWL – BMBF-Cutting-Edge Cluster “Intelligent Technical Systems OstWestfalenLippe”
- L-LAB – Research Centre for Lighting Engineering and Mechatronics. Public Private Partnership between Hella KG Hueck & Co, Hamm-Lippstadt University of Applied Sciences and the University of Paderborn
- SICP – Software Innovation Campus Paderborn – A Cooperation of the University of Paderborn with the Fraunhofer IPT Group Design for Mechatronic Systems and Ten Partners
- s-lab – Software Quality Lab – Centre of Excellence for Software Quality

DFG Research Units

- Dynamics of Electron Transfer Processes at Transition Metal Centres in Biological and Bioinorganic Systems



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www.upb.de



PADERBORN UNIVERSITY
The University for the Information Society

Feel at Home

Situated in the federal state of North Rhine-Westphalia, Paderborn is a place full of diverse and exciting attractions. The city looks back on more than 1,200 years of history that have shaped the cityscape and its inhabitants with regard to its cultural, religious and economic heritage and development. With approximately 150,000 citizens, Paderborn is a very safe medium-sized city, making it easy for visitors to quickly get their bearings while still enjoying the amenities of a larger city. Various parks and green spaces found in and around Paderborn are much appreciated by residents and visitors alike. Despite its long history and tradition, Paderborn is a modern city and, especially in the last few decades, has developed into a hot spot for the information technology industry and research. Due to decades of British presence in the city, you'll find that you can generally get by with English.

Your University

The University of Paderborn (UPB) is a fully accredited state university offering all types of academic degrees, including PhD and postdoc lecture qualification. As a public university, UPB does not charge tuition fees. Currently, approximately 20,000 students are enrolled at UPB, including about 10% international students. The University has 5 faculties, focusing on Arts and Humanities, Economics, Sciences, Engineering and Computer Sciences. A wide range of subjects is offered to students.

Paderborn International

The internationalization of research and teaching is of great importance to the University of Paderborn. Foreign students as well as many lecturers and visiting scientists from abroad create an international atmosphere on campus. Some

200 global university partnerships are an important part of the university's interest in strengthening its international presence and cooperation. UPB offers a variety of international programs either taught in English or completed with a double degree issued in cooperation with selected partner universities. In addition, UPB has a special focus on Asia and a well-established cooperation with Qingdao University of Science and Technology in China.

Supporting Exchange

UPB's global student exchange program has been running successfully for many years, with numerous partner universities across the globe. Every year, approximately 300 exchange students from abroad choose Paderborn for their study abroad program. UPB offers great support to exchange students in terms of finding accommodation or personal assistance through a buddy program during the first days after arrival. A comprehensive cultural program that is put together every semester, offering excursions, weekend trips to major cities in Germany, events and international evenings, enjoys great popularity amongst all students and allows for strong interaction between German and international exchange students.

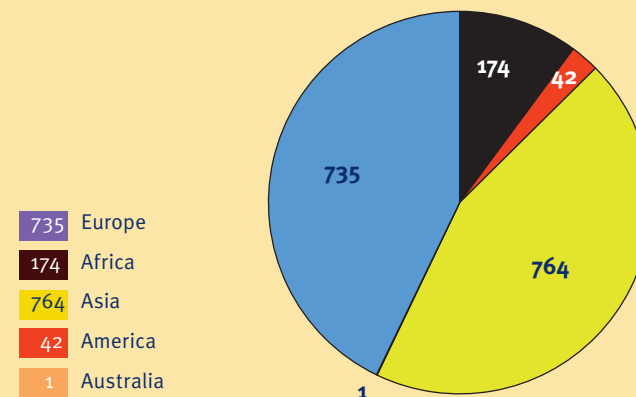
Learn German

At UPB, students can choose from a variety of German courses. Exchange students can choose to participate in a 4-week intensive German course before the semester begins as well as a semester-long course of 10 hours per week. UPB also offers courses to acquire German language skills necessary for studying at the university up to DSH level (German language examination "Deutsche Sprachprüfung für den Hochschulzugang"). The courses are offered at 4 different levels. Each module takes 3 months and ends with an intermediate test, qualifying students for the next level.



International Students

(Winter Semester 2014/2015: in total 1,716)



I Faculty of Arts and Humanities

Department of English and American Studies, Department of Educational Science, Department of Protestant Theology, Department of German Studies and Comparative Literary Studies, History Department, Department of Social and Human Sciences, Department of Catholic Theology, Department of Art, Music, Textiles, Department of Media Studies, Department of Romance Languages, Musicology Seminar Detmold/Paderborn

II Faculty of Business Administration and Economics

Department 1: Management, Department 2: Taxation, Accounting and Finance Department 3: Business Information Systems, Department 4: Economics, Department 5: Business and Human Resource Education, Department 6: Law

III Faculty of Science

Department of Physics, Department of Chemistry, Department of Sport and Health

IV Faculty of Mechanical Engineering

Sixteen professorships, five interdisciplinary research facilities

V Faculty of Computer Science, Electrical Engineering and Mathematics

Department of Electrical Engineering and Information Technology, Department of Computer Science, Department of Mathematics

Degree Programmes: 67

Bachelor's Programmes

- Cultural Studies**
Options for combining two of the following subjects: German Literature, German Linguistics, Romance Languages, Media Studies, English Linguistics, English Literature and Culture, Philosophy, History and Cultural Studies, Musicology, Education Science, Fashion-Design-Textile, Art and Art Education, Theology of Religions

- European Studies**
- Linguistics**
- Media Studies**
- Musiology**
- Popular Music and Media**
All Programmes: Six semesters, Degree: Bachelor of Arts

- Business Information Systems**
- International Business Studies (IBS)**
- Management and Economics**
All Programmes: Six semesters, Degree: Bachelor of Science

- Chemistry**
Six semesters, Degree: Bachelor of Science
- Physics**
Six semesters, Degree: Bachelor of Science
- Sports Science**
Six semesters, Degree: Bachelor of Arts

- Chemical Engineering**
- Economics and Mechanical Engineering**
- Mechanical Engineering**
All Programmes: Six semesters, Degree: Bachelor of Science

- Computer Engineering**
- Computer Science**
- Economics and Electrical Engineering**
- Electrical Engineering**
- Mathematics**
- Technomathematics**
All Programmes: Six semesters, Degree: Bachelor of Science

- Computer Science (part time)**
- Electrical Engineering (part time)**
All Programmes: Twelve semesters, Degree: Bachelor of Science

Master's Programmes

- Culture and Society**
Options for combining two of the following subjects: German Literature, English Literature and Culture, English Linguistics,

tics, Education Science, Gender Studies, German Linguistics, History, Cultures of the European Premodern Period, Art History, Media Studies, Philosophy, Romance Languages/French *, Romance Languages/Spanish *, Sociology: Social Transformations and Cultural Techniques, Theologies in Dialogue (* Combination not possible)
All programmes: Four semesters, Degree: Master of Arts

- Comparative Literature and Cultural Studies**
- English and American Studies**
- German Literature**
- History**

- Linguistics**
- Media Studies**
- Musicology**
- Popular Music and Media**
- Studies in Cultural Heritage**
All Programmes: Four semesters, Degree: Master of Arts

- Business Administration**
- Business Information Systems**
- International Business Studies (IBS)**
- International Economics and Management**
- Management Information Systems**
- Vocational Education and Business Studies**
All Programmes: Four semesters, Degree: Master of Science

- Chemistry** – Degree: Master of Science
- Physics*** – Degree: Master of Science
- Sport & Health** – Degree: Master of Arts
All Programmes: Four semesters

- Chemical Engineering**
- Economics and Mechanical Engineering**
- Mechanical Engineering**
All Programmes: Four semesters, Degree: Master of Science

- Computer Engineering**
- Computer Science***
- Electrical Engineering**
- Electrical Systems Engineering**
- Economics and Electrical Engineering**
- Mathematics**
- Technomathematics**
All Programmes: Four semesters, Degree: Master of Science

- Computer Science (part time)**
- Electrical Engineering (part time)**
All Programmes: Eight semesters, Degree: Master of Science

* German or English optional



Photo: Szolnoki, Juli 2014

