Jacobs University Bremen

(Factsheet as of November 2013)



Organization / Contact

Jacobs University Bremen gGmbH

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Chair of the Board

Prof. Dr. Karin Lochte

Executive Management

Prof. Dr. Heinz-Otto Peitgen, President and Geschäftsführer (CEO) Prof. Dr.-Ing. Katja Windt, Provost and Geschäftsführerin (CEO)

Opening

September 2001

Accreditation & Achievements

1999: State recognition by the Free Hanseatic City of Bremen 2001:

- Accreditation by German Council of Science and Humanities (Wissenschaftsrat)
- Positive assessment by Stifterverband für die Deutsche Wissenschaft (Donors' Association for the Promotion of Science and Humanities in Germany)

2004: Accreditation of all undergraduate programs by the German Accreditation Council (Agency ACQUIN)

2006:

- Winner of the national »Key Qualifications plus« competition of Stiftung Mercator and Stifterverband für die Deutsche Wissenschaft
- Declaration of the Jacobs Foundation's investment of 200 million Euro, the largest private donation in Europe ever made to a university

2008: Reaccreditation by German Council of Science and Humanities for the next 10 years; highly positive evaluation of the university's development

2010: Renewal of the State recognition by the Free Hanseatic City of Bremen

In Germany's most comprehensive and detailed university ranking by the Center for Higher Education (CHE) and the renowned weekly »Die Zeit« Jacobs University has consistently scored top marks since its first participation in 2005:

2005: Political and Social Sciences

2007: Electrical Engineering and Information Technology

2009: Biology and Geoscience

2011: Political and Social Sciences

2012: Biology, Chemistry, Geosciences, Computer Sciences, Mathematics and Physics

2013: Psychology and History, additional positive rating in special CHE evaluation »Diverse Excellence 2012«

Mission Statement & **Guiding Principles**

Jacobs University is a private English-language residential university, distinguished by its international orientation and highly selective admission based on the candidates' academic and personal potential. Our goal is to prepare the leaders of tomorrow to responsibly meet global challenges.

Guiding principles in research and teaching:

- *High selectivity & expectations* regarding performance of faculty and students
- Internationality & Interculturality of student body and academic staff as well as a consistent global perspective in research and teaching
- *Transdisciplinarity*, meaning a problem-oriented approach across traditional disciplinary boundaries in research and teaching
- Interactivity of the study environment through close mentoring support and social networking on campus

CHE Ranking

Jacobs University Facts 2/5



Academic Profile

As Jacobs University aims at contributing to solutions for the major challenges of the 21st century world, the university's profile in research and teaching focuses on the following general topics:

- Energy
- Water, Nutrition, Health
- Information, Communication, Education (»Bildung«)
- Peace and Conflict Management

Research

Research at Jacobs University spans a broad range of fields in the humanities, engineering, the natural-, life-, and social sciences. Multidisciplinary teams of Jacobs scientists are joining forces in ten novel research centers:

AGEACT: Aging – Interaction of Processes

CASE: Center for Advanced Systems Engineering

CoSyP: Cognitive Systems and Processes

COWELL: Cognition and Decision, Values & Well-Being

HMG: Humanities, Modernity, Globalization **MaMoC:** Mathematics, Modeling, and Computing

MoLife: Molecular Life Science Center

NANOFUN: Center of Functional Materials and Nanomolecular Science **TEAMS:** Transformations in Europe and Asia: Markets, States, Societies

VISCOMX: Visual Communication and Expertise

More information on: www.jacobs-university.de/research-centers

Research Publications

More than 500 peer-reviewed papers per year in international journals

Teaching

Teaching at Jacobs University is organized in three academic units:

- School of Engineering and Science
- School of Humanities and Social Sciences
- Jacobs Center on Lifelong Learning and Institutional Development (research and teaching concerning the lifelong human development and education)

Degrees

Bachelor (3 years), Master (1.5 – 2 years), PhD, Executive Master

Study Programs

Foundation Year (university preparatory year for international students)

20 Bachelor programs | **20** Graduate programs (Master/PhD)

1 Executive graduate programs | PhD programs offered by

Bremen International Graduate School of Social Sciences (BIGSSS, an academic collaboration between Jacobs University and the University of Bremen supported by Germany's Federal Excellence Initiative) structured in **3** thematic fields

Detailed information on Jacobs University's study programs on:

www.jacobs-university.de/academics

Admission Requirements

Admission to Jacobs University is achievement-oriented.

Admission criteria:

- ➤ High achievements in secondary school education
- ➤ High scores in standardized international academic tests (SAT or ACT, GRE for some of the graduate programs)
- 2 recommendation letters, personal interviews
- 1 application essay (in English)
- English proficiency test (for non-native speakers, for example TOEFL)

Jacobs University Facts 3/5



Tuition Fees

Bachelor programs: €20,000 per year plus room and board (€500 per month per

academic year: September-May)

Graduate programs: costs vary according to the program

A system of scholarships, grants, and tuition postponement enables every admitted applicant for a bachelor program to study at Jacobs University.

Scientific Staff

130 professors plus additional guest lecturers 268 research and instructional personnel

Teaching Assistance Ratio

Professor: Students = 1:10

Students

Academic Year 2013/14, Fall Term:

1,357 students from 112 nations

Bachelor programs: 756 students | **Foundation Year:** 14 students

Master: 153 students | PhD: 412 students | Visiting/Exchange: 22 students

Geographic Distribution:

Africa: 6.9 % | America (North & South): 10.4 % | Asia: 20.8 % | Australia / Oceania: 0.2 % Eastern Europe: 22.8 % | Central and Western Europe: 35.7 % | Middle East: 3.2 %

Percentage of German students in total: $30.4\,\%$ | German Bachelor students: $26.0\,\%$

Alphabetical List of On-Campus Nations A: Afghanistan, Albania, Algeria, Argentina, Armenia, Australia, Austria, Azerbaijan

B: Bahrain, Bangladesh, Belarus, Belgium, Bolivia, Brazil, Bulgaria

C | D: Cameroon, Canada, Chile, China, Colombia, Costa Rica, Croatia, Cuba, Czech Republic, Denmark

E | F: Ecuador, Egypt, Eritrea, Ethiopia, Finland, France

G | H: Georgia, Germany, Ghana, Greece, Honduras, Hong Kong, Hungary

I | J: India, Indonesia, Iran, Iraq, Ireland, Israel, Italy, Japan, Jordan

K | L: Kazakhstan, Kenya, Kosovo, Kyrgyzstan, Latvia, Lebanon, Libya, Lithuania, Luxembourg

M | N: Macedonia, Malaysia, Mauritius, Mexico, Moldova, Mongolia, Montenegro, Myanmar, Namibia, Nepal, Netherlands, New Zealand, Nicaragua, Nigeria,

O | P | Q: Oman, Pakistan, Palestine, Panama, Peru, Philippines, Poland, Portugal

R: Romania, Russia, Rwanda

S: Senegal, Serbia, Slovakia, Slovenia, South Africa, South Korea, Spain, Sri Lanka, Sudan, Sweden, Switzerland, Syria

T: Taiwan, Tanzania, Thailand, Togo, Tunisia, Turkey, Turkmenistan

U | V: Uganda, Ukraine, United Kingdom, Uruguay, USA, Uzbekistan, Venezuela, Vietnam

W | X | Y | Z: Yemen, Zambia, Zimbabwe

Average Distance from Home

About 3,000 km

Study Success Indicators

Class of 2013: 344 in total; 195 Bachelor, 72 Master, 77 PhD

Graduation rate 2013: 87.5%

Graduating students since 2004: around 2900

Jacobs University Alumni Association e. V. Founded in 2004 by the university's first graduating class with currently about 2,400 members and an 80 % joining rate of graduates

Jacobs University Facts 4/5



Campus

- 34 hectare park-like grounds
- 4 colleges for student housing:
 Alfried Krupp College | Mercator College | College III | College Nordmetall
- Buildings for administration, teaching, and research (ca. 5600 m² lab space)
- Information Resource Center (IRC) with library, extensive digital resources, and future oriented information technology
- Sports & Convention Center and other sports and leisure facilities
- visitors' apartments

Partner Institutions with joint appointment of scientific staff

- Alfred Wegener Institute for Polar and Marine Research (Helmholtz Association of German Research Centres)
- Fraunhofer MEVIS Institute for Medical Image Computing (Fraunhofer Research Association)
- Leibniz Center for Tropical Marine Ecology (Gottfried Wilhelm Leibniz Scientific Community)
- Max Planck Institute for Marine Microbiology (Max Planck Society)
- Rice University, Houston, Texas
- Universität Bremen

Moreover, Jacobs University has **more than 1,000 research co-operations** with scientific and business partners.

Board of Governors

Prof. Dr. Karin Lochte (Chair of the Board)

Director, Alfred Wegener Institute for Polar and Marine Research, Bremerhaven

Detthold Aden

Chairman, OAS AG, Bremen

Prof. Dr. Jutta Allmendinger

President, Social Science Research Center Berlin (Wissenschaftszentrum Berlin), Berlin

Dr. h.c. Erik Bettermann

Former Director General, Deutsche Welle, Bonn

Prof. Dr. Antje Boetius

Head of Habitat group and HGF-MPG Group for Deep Sea Ecology and Technology, Max Planck Institute for Marine Microbiology

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Associate Dean for Academic Affairs and Professor of Mechanical Engineering, Johns Hopkins University, Baltimore

Marco R. Fuchs

Chief Executive Officer, OHB System AG, Bremen

Dr. Malcolm Gillis, PhD

Professor of Economics, President 1993-2004, Rice University, Houston

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Senator for Economic Affairs, Labor and Harbor, Bremen

Dr. Joh. Christian Jacobs

Managing Partner, Joh. Jacobs & Co. (AG & Co.) KG, Hamburg Chairman, Jacobs Foundation, Zurich

Prof. Dr. Otfried Jarren

Director Media & Politics, University of Zurich, IPMZ – Institute of Mass Communication and Media Research – Media & Politics, Zurich

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Ingo Kramer

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Prof. Dr. David W. Leebron

President, Rice University, Houston

Peter Lürßen

Managing Director, Fr. Lürssen Werft GmbH & Co. KG, Bremen

Prof. Dr. Reimar Lüst (Honorary Chairman)

Founding Chair 1999-2004, International University Bremen (now Jacobs University), Hamburg

Ursula M. May

Head of Resource Management and Training, Siemens Wind Power GmbH, Hamburg

Petar Perkovic

Jacobs Alumnus, Class of 2004, Serbia

Chair, Jacobs University Bremen Alumni & Friends Stiftung GmbH, Bremen

Albert Schmitt

Managing Director, Die Deutsche Kammerphilharmonie Bremen

Prof. Dr. Hildegard Westphal

Director, Leibniz Center for Tropical Marine Ecology, Bremen

Prof. Dr. E. Jürgen Zöllner

Member of the Board, Charité Foundation, Berlin

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- > Jacobs Foundation, Zurich
- > Reimar Lüst Foundation, Bremen
- > Jacobs University Bremen Alumni & Friends Stiftung GmbH