# Universität Heidelberg

General Presentation

# From „Universitas“ to the Comprehensive University of the Future

UNIVERSITÄT HEIDELBERG
ZUKUNFT SEIT 1386

Oldest German university (founded in 1386)

Research university of international reputation

Successful in both rounds of the Excellence Initiative

Comprehensive university with a broad spectrum of subjects

Focus on research-based teaching and well-structured training for doctoral students

# Heidelberg Nobel Laureates

11 Nobel Prize winners taught or conducted their research as professors at Heidelberg University:

- 2014: Stefan W. Hell, chemistry
- 2008: Harald zur Hausen, medicine
- 1991: Bert Sakmann, medicine
- 1979: Georg Wittig, chemistry
- 1963: Hans Jensen, physics
- 1963: Karl Ziegler, chemistry
- 1954: Walter Bothe, physics
- 1938: Richard Kuhn, chemistry
- 1922: Otto Meyerhof, medicine
- 1910: Albrecht Kossel, medicine
- 1905: Philipp Lenard, physics

45 other Nobel laureates' names are associated with either Heidelberg University or the city of Heidelberg

# Twelve Faculties

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Faculty of Theology
Faculty of Law
Medical Faculty Heidelberg
Medical Faculty Mannheim
Faculty of Philosophy
Faculty of Modern Languages
Faculty of Economics and Social Sciences
Faculty of Behavioural and Cultural Studies
Faculty of Mathematics and Computer Science
Faculty of Chemistry and Earth Sciences
Faculty of Physics and Astronomy
Faculty of Biosciences

# Students, Personnel, Finance

## Facts and Figures

| | |
|---|---|
| **Students (winter 18/19)** | 29,202 |
| **Foreign students (winter 18/19)** | 5,402 (18.5%) |
| **Doctorates (2017)** | 1,032 |
| **Habilitations (2017)** | 78 |
| | |
| **Total number of staff (1 Dec. 2017)** | 13,712 |
| *University, excl. medical faculties* | *7,476* |
| *Total number of academic staff* | *5,910* |
| *Total number of professorships (W3)* | *533* |
| | |
| **Total funding (2017)** | 738.5 Mio € |
| *University, excl. medical faculties:* | *399.7* Mio € |
| | |
| **Third-party funding (expenses)** | 266.3 Mio € |
| *University, excl. medical faculties:* | *128.2* Mio € |

# International Rankings

**Shanghai Ranking of World Universities (2018)**
No. 1 in Germany
No. 12 in Europe
No. 47 worldwide

**QS World University Ranking (2018)**
No. 3 in Germany
No. 18 in Europe
No. 64 worldwide

**Times Higher Education Ranking (2018/2019)**
No. 3 in Germany
No. 14 in Europe
No. 47 worldwide

# Three University Campuses in Heidelberg

One in Mannheim

UNIVERSITÄT HEIDELBERG
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**Old Town Campus**
humanities and social sciences

**Neuenheimer Feld Campus**
natural sciences and medicine

**Bergheim Campus**
sociology, political science and economics

**Mannheim Campus**
Medical Faculty Mannheim with Central Institute for Mental Health, Technical Informatics

# University Library

## The Best in Germany

Repeatedly ranked among the top libraries by the renowned BIX library ranking of the Bertelsmann Foundation

Specialist books on subjects ranging from Ancient History, Law and Medicine to Zoology

Keeps and preserves centuries-old unique manuscripts, among them the most valuable German manuscript, the Codex Manesse

Numerous digitisation projects

Heidelberg University Library

# University Library
## Facts and Figures

| | |
|---|---|
| 3,140,000 | books |
| 544,000 | e-books |
| 2,270,000 | visitors per year |
| 1,530,000 | loans per year |
| 94,000 | e-journals |
| 3,100 | databases |
| 176 | members of staff |

# Universität Heidelberg
Research

# Research Excellence

UNIVERSITÄT HEIDELBERG
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Research beyond traditional disciplinary boundaries

Interactive research areas: “Fields of Focus” (FoF)

FoF 1: Molecular and Cellular Basis of Life

FoF 2: Structure and Pattern Formation in the Material World

FoF 3: Cultural Dynamics in Globalised Worlds

FoF 4: Self-Regulation and Regulation: Individuals and Organisations

# Excellence Initiative

UNIVERSITÄT HEIDELBERG
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**Institutional Strategy**
Realising the Potential of a Comprehensive University

**Clusters of Excellence**

Cellular Networks

Asia and Europe in a Global Context

**Graduate Schools**
Heidelberg Graduate School of Fundamental Physics

Hartmut Hoffmann-Berling International Graduate School of Molecular and Cellular Biology

Heidelberg Graduate School of Mathematical and Computational Methods for the Sciences

# Research
## Facts and Figures

11 Nobel Laureates

19 Leibniz Award Laureates

24 Collaborative Research Centres (DFG)

11 Research Training Groups (DFG)

9 projects in cooperation with the Heidelberg Academy of Sciences and Humanities

56 ERC Grants (total)
29 ERC Grants (currently running)

Latest Revision: January 2019
Source: www.uni-heidelberg.de/university/statistics/research.html

# Cooperation with Industry and Business

UNIVERSITÄT HEIDELBERG
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**Industry on Campus**

Catalysis Research Laboratory (CaRLa)

Heidelberg Collaboratory for Image Processing (HCI)

InnovationLab GmbH (iL)

Nikon Imaging Center (NIC)

**BMBF Leading-Edge Clusters**

Biotechnology Cluster Rhine-Neckar (BioRN)

Forum Organic Electronics

# Universität Heidelberg

Studying

# Studying in Heidelberg

UNIVERSITÄT HEIDELBERG
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Optimal conditions for studying and forging an academic career

More than 150 degree programmes: virtually unparalleled range of subject combinations

Perfect setting for individualised and interdisciplinary studies

Research-oriented teaching

# Bachelor’s and Master’s Programmes

Academic Year 2015/2016

73 bachelor’s programmes
- *54 dual-subject bachelor’s programmes*
- *19 single-subject bachelor’s programmes*

79 master’s programmes
- *61 consecutive master’s programmes*
- *18 non-consecutive/ continuing education master’s programmes*

5 state examinations

1 degree programme with other degrees (rectory or faculty examination)

# Research-Oriented Teaching

Early involvement in research projects during the bachelor phase

Tutor training programmes for students

Marsilius Studies: integrating interdisciplinary research in studies

Support of individual research projects in master‘s programmes

# Support for Young Researchers

UNIVERSITÄT HEIDELBERG
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Structured doctoral programmes

Graduate Academy

International Max Planck Research Schools

4 graduate schools and
8 DFG-funded Research Training Groups

Independent junior research groups

Management programme “Auf dem Weg zur Professur” (On the Way to Professorship)

# Universität Heidelberg

International Affairs

# International Affairs

## Cooperation

### Cooperation and Exchange

630 ERASMUS arrangements with European universities

Exchange programmes with about 180 additional universities worldwide

25 partnerships with universities abroad as well as hundreds of international cooperation agreements on all levels

# International Affairs

## Networks

Coimbra Group

European University Association (EUA)

League of European Research Universities (LERU)

HeKKSaGOn: German-Japanese University Consortium

# International Affairs

## Facts and Figures

**Foreign Students**
**(winter term 17/18):** 5,563 (18.7%)

**Foreign doctorates (2017)**
284 (27.5 %)

**Foreign habilitations (2017)**
3 (3.9 %)

**Foreign visiting scholars**
about 250 every year

# International Affairs

## Representations Abroad

Heidelberg Center for Latin America (HCLA) Santiago de Chile (since 2001)

Heidelberg Office North America, New York City (since 2008)

Heidelberg Centre South Asia, New Delhi (since 2009)

Heidelberg University Office, Kyoto (since 2015)

Branch offices of the South Asia Institute in New Delhi, Colombo, Kathmandu and Islamabad

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# International Affairs

## Study Programmes Abroad

Master’s, doctoral and continuing education programmes in law, psychology, astronomy, earth/environmental sciences, medical informatics as well as medical physics at the Heidelberg Centre for Latin America (HCLA) in Santiago de Chile

School of German Law, Jagiellonian University in Krakow

LL.M. in Comparative Government and Legal Studies, Andrássy University in Budapest

# Universität Heidelberg

Equal Opportunities

# Equal Opportunities

## Facts and Figures

**Gender Balancing (2014)**
Investments in equal opportunities programmes: 667.800 € per year
Investments to support families: 377.704 € per year
Investments in infrastructures: 108.300 € per year
Diversity: 60.000 € per year

**Female Researchers at the University (2014)**
2366 (42.2 percent) scientists and scholars
634 (50.9 percent) doctorates · 599 (49.5 percent) postdocs
22 (27.2 percent) heads of junior research groups
78 (17.4 percent) professors

**Focus on the Family (2014)**
Service for Families: information and advice
Children's Centre: 407 child care places
KidS – programme for student parents
MEDI-Kids: 40 child care places

# Equal Opportunities

Facts and Figures

**Service and Funding Programmes (2014)**
**Olympia Morata-Programme**
Aim: career advancement in the postdoc-phase
Annual call for project funding proposals
Funding period 2 years, 18 positions per year
Training and mentoring (40 participants per year)

**Clearing Service "Academia and Family"**
Career advice for scientists with children in cooperation with the institute/hospital management, Arrangement for maternity/paternity covers (4 positions per year)

**Dual Career Service**
Support in 105 appointment and staffing negotiations (2014)

# Universität Heidelberg

Heidelberg Alumni International (HAI)

# Heidelberg Alumni International (HAI)

HAIsociety

World-wide network of former students, scholarship holders, researchers and members of Heidelberg University

Heidelberg alumni initiatives
… international networks according to countries
… national networks according to regions
… professional networks according to subjects

More than 11.250 registered alumni on all continents

# Heidelberg Alumni International (HAI)

## Research-Alumni Network

Network for current and former international visiting researchers at Heidelberg University

Special services for doctoral students, postdocs and established researchers from abroad

Approx. 320 members from twenty countries on all continents

# Heidelberg Alumni International (HAI)

Services

**Publications**
Alumni magazine, alumni newsletter, Research Alumni Newsletter

**Online Services**
Alumni email address, online network, subscriptions, job board, programmes

**Events**
Alumni meetings, Research Alumni meetings, summer schools, continuing education

**Career**
Mentoring, internships, job board, Career Service

**Research Alumni Network**
Additional services for current and former international doctoral students, post docs and established researchers

# Universität Heidelberg

History

# History of Universität Heidelberg

UNIVERSITÄT HEIDELBERG
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## 1385/1386: Founding

On 23 October 1385, Pope Urban VI approves the founding of the university in Heidelberg by Elector Palatine Rupert I.

Instruction begins a year later on 18 October 1386 in three faculties: theology, jurisprudence and philosophy. Medicine follows two years later.

The first rector is Marsilius von Inghen of the Netherlands; the first professors come from Paris and Prague.

Heidelberg University Archives

# History of Universität Heidelberg

UNIVERSITÄT HEIDELBERG
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## 1556 to 1617: First Golden Age

In 1558, Elector Palatine Otto Henry establishes new statutes that remain largely in force until 1786. The university enjoys a period of great prosperity.

Esteemed as a centre of European sciences and culture, the university's international appeal draws professors and students from all over Europe.

Heidelberg University Archives

# History of Universität Heidelberg

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## 1618 to 1652: Destruction and Reopening

The university is hit hard by the Thirty Years' War (1618-1648). Teaching is suspended several times.

In 1623, the Bibliotheca Palatina, one of the most valuable collections of German manuscripts of the Middle Ages and the Early Modern Age, is carted to Rome.

The university reopens in 1652.

Heidelberg University Library

# History of Universität Heidelberg

UNIVERSITÄT HEIDELBERG
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## 1688 to 1800: Decline

Following the destruction of Heidelberg by the army of King Louis XIV in the Palatine War of Succession (1688-1697), the university remains closed until 1703.

Finally, in 1712, the cornerstone is laid for today's Old University building.

# History of Universität Heidelberg

UNIVERSITÄT HEIDELBERG
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## 1803 to 1900: Second Golden Age

In 1803 the university is aquired by Baden and reorganised following an edict of Charles Frederick of Baden.

In 1805 it is named Ruperto Carola – after the university's founder Rupert and Charles Frederick, Grand Duke of Baden.

As a cosmopolitan and liberal university, Heidelberg enjoys its second flowering during the 19th century.

Scientists like Robert Bunsen, Gustav Kirchhoff and Hermann Helmholtz lay the foundations for the success story of the natural sciences in Heidelberg.

Heidelberg University Library

# History of Universität Heidelberg

UNIVERSITÄT HEIDELBERG
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## 1933 to 1945: Decline during the National Socialist Era

With the rise to power of the National Socialists, 59 of 214 Heidelberg academics are expelled and disenfranchised for “racial” or “political” reasons.

In a move that symbolises the malevolence of the period, the sculpture of Athena and the inscription “Dem lebendigen Geist” (To the Living Spirit) are removed from above the portal of the New University in 1936. They are replaced with an oversized eagle and the words “Dem deutschen Geist” (To the German Spirit).

Heidelberg University Archives

# History of Universität Heidelberg

1946 to 1967: Reopening and Expansion

After the end of the war instruction resumes gradually, beginning in 1945.

The university spreads out over three campuses:

- Old Town: humanities
- Bergheim: medicine
- Neuenheimer Feld: natural sciences and medicine (since the early 1960s)

Heidelberg University Archives

# History of Universität Heidelberg

UNIVERSITÄT HEIDELBERG
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## 1968 to 1974: Overcrowded University and Student Riots

This period is characterised by increasing student numbers and a progressive differentiation of the disciplines.

After the student riots that marked this era, the university is given a new basic order in 1969.

The five faculties are temporarily divided into sixteen (the number is reduced to twelve in 2002).

Stadtarchiv Heidelberg

# History of Universität Heidelberg

UNIVERSITÄT HEIDELBERG
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**Since 2006: University of Excellence**

Heidelberg University has been successful in both rounds and all three funding lines of the German Excellence Initiative.

It receives funding for three graduate schools and two Clusters of Excellence as well as its institutional strategy.

From October 2010 to October 2011 the university is celebrating its 625th anniversary in keeping with its motto *Zukunft. Seit 1386.*
*(The Future. Since 1386*.)