



UNIVERSITÄT  
HEIDELBERG  
ZUKUNFT  
SEIT 1386

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## GENERAL INFORMATION

### HEIDELBERG UNIVERSITY: THE FUTURE. SINCE 1386.

Founded in 1386, Heidelberg University – also known as Ruperto Carola – is the oldest university in present-day Germany and one of Europe's most research-intensive institutions. Its success in all the funding rounds of the Excellence Competitions and in internationally recognised rankings are evidence of Heidelberg University's leading role and excellent reputation in the academic landscape. Heidelberg University sees itself as a comprehensive research university, whose subjects range from the humanities, social sciences and law, to the natural, engineering, and life sciences through to medicine. It seeks to develop outstanding individual disciplines, strengthen dialogue and cooperation across traditional subject lines in view of complex challenges, and carry its research findings into society. With its aspiration of connecting traditional values with forward-looking scientific strategies in research and teaching, Heidelberg University is building bridges to the future – The Future. Since 1386.

### EXCELLENCE IN RESEARCH

**Academic dialogue across disciplinary boundaries**  
As a research university with an international presence, Heidelberg University considers the extensive theoretical and methodological expertise of its subjects and subject cultures to be an essential characteristic of its scientific work. At the same time, it recognises its unique potential to investigate important issues affecting the future of humankind, and thus take on social responsibility, by encouraging cooperation across disciplinary boundaries. The core of Heidelberg's research strategy is formed by four interactive research fields, which in their turn are more strongly linked with one another by the Marsilius Kolleg and two Flagship Initiatives.

**Interactive "Fields of Focus" (FoF)**

- FoF 1: Molecular Foundations of Life, Health, and Disease
- FoF 2: Patterns and Structures in Mathematics, Data, and the Material World
- FoF 3: Cultural Dynamics in Globalised Worlds
- FoF 4: Self-Regulation and Regulation: Individuals and Societies

**Flagship Initiatives**

- Engineering Molecular Systems
- Transforming Cultural Heritage

With its strategy "The Comprehensive Research University – Heidelberg: The Future since 1386" along with two Clusters of Excellence, Heidelberg University was successful in both funding lines of the Excellence Strategy of the German federal and state governments. Accordingly, since 2019 it has been funded as part of a group of ten Universities of Excellence and one Excellence Alliance.

**University of Excellence**

- The Comprehensive Research University Heidelberg: The Future since 1386

**Clusters of Excellence**

- STRUCTURES: A Unifying Approach to Emergent Phenomena in the Physical World, Mathematics, and Complex Data
- 3D Matter Made to Order

## FACTS AND FIGURES – RESEARCH

**11** Nobel Laureates

**123** ERC Grants (in total, incl. bridge professorships)

**22** Leibniz Award Laureates

**41** ERC Grants (running)

**29** DFG Collaborative Research Centres

**27** Emmy Noether Junior Research Groups (running)

**12** DFG Research Training Groups

**9,068** doctoral candidates

## INTERNATIONAL PROFILE

**Collaborations and exchanges**  
Heidelberg University is tied into a worldwide network of cooperation arrangements on research and teaching. Exchange programmes with universities all over the world, as well as numerous institutional partnerships, document the strong international connections of Ruperto Carola. Furthermore, the university has foreign branch offices in Latin America, North America, South and East Asia.

- More than 700 ERASMUS arrangements with approx. 300 European universities
- Exchange programmes with roughly 200 additional universities worldwide
- 27 partnerships with universities abroad
- A large number of international cooperation agreements at faculty, institute and subject levels

**Memberships in university networks**

- League of European Research Universities (LERU)
- 4EU+ European University Alliance (Heidelberg, Prague, Paris-Panthéon-Assas, Sorbonne/Paris, Copenhagen, Geneva, Milan and Warsaw)
- HeKKSaGon: German-Japanese University Consortium
- Coimbra Group

## FACTS AND FIGURES – MOBILITY

International students: **6,296 (20.1%)**

International doctoral candidates: **2,525 (27.8%)**

International doctorates completed: **340 (30.6%)**

International visiting researchers: **approx. 250 per year**

### Foreign branch offices and related institutes of Heidelberg University



## OUTSTANDING SUPPORT FOR STUDENTS AND DOCTORAL CANDIDATES

With a large number of advisory and supervisory opportunities, as well as specific professional development programmes, Heidelberg University accompanies students and doctoral candidates at all stages of their career development. Students from at home and abroad can turn to the Central Student Advisory Office, which answers individual questions about their studies at Heidelberg University. In addition, the university assists students in planning periods of study abroad or placements in the framework of their course. In the doctoral phase, the Graduate Academy is the coordination centre for all interdisciplinary continuing education and further training opportunities. The broad range of programmes offered by the Career Service contributes especially to a successful start in working life.

## INTERNATIONALLY RENOWNED RESEARCH LOCATION

The university forms the focus of an excellent and internationally competitive research network in Heidelberg and in the region. The cooperation of the university with its local research partners particularly includes conducting research projects, building up joint infrastructures, cooperative early-career training, and developing innovative study programmes.

**Local and regional research institutions**

- German Cancer Research Center (DKFZ)
- European Molecular Biology Laboratory (EMBL)
- Max Planck Institute for Medical Research
- Max Planck Institute for Astronomy
- Max Planck Institute for Nuclear Physics
- Max Planck Institute for Comparative Public Law and International Law
- Heidelberg Academy of Sciences and Humanities
- Heidelberg Institute for Theoretical Studies (HITS)
- Central Institute of Mental Health (ZI)

Furthermore, Heidelberg University cooperates in a variety of ways with companies from industry and business. Ruperto Carola links up its basic research with applied research on the side of the industrial partners.

## MASTER'S PROGRAMMES AT HEIDELBERG UNIVERSITY

### RESEARCH-BASED AND INTERDISCIPLINARY

As an advanced course of studies, a master's programme usually follows a bachelor's or other undergraduate programme. With a range of more than 100 master's programmes at 13 faculties, Heidelberg University offers a variety of subjects that is virtually unparalleled in Germany. Some master's programmes are taught partially or completely in English. A master's degree is a solid foundation for entry into professional life or a career in academia.

### PROGRAMME STRUCTURE

A master's programme is usually completed in four semesters – in some cases two or three semesters – and awards graduates the academic degree of Master of Science (M.Sc.), Master of Arts (M.A.) or Master of Education (M.Ed.). A four-semester master's programme usually requires 120 credit points, of which 30 are awarded for the master's thesis.

## MATHEMATICS, ENGINEERING AND NATURAL SCIENCES



Molecular life sciences at the Faculty of Biosciences, applied mathematics and scientific computing at the Faculty of Mathematics and Computer Science, and physical chemistry at the Faculty of Chemistry and Earth Sciences are among the internationally visible areas in research and teaching. The Faculty of Physics and Astronomy conducts research in three main areas: fundamental particles and their interactions, astrophysics and cosmology, and complex quantum systems. The newly established Heidelberg Faculty of Engineering Sciences covers molecular biotechnology, the engineering of molecular systems, computer engineering and medical technology.

Master of Science		Master of Education	
<input type="checkbox"/> Biochemistry Language of instruction: English and German	<input type="checkbox"/> Chemistry Language of instruction: English	<input type="checkbox"/> Physics Language of instruction: English, partly German	<input type="checkbox"/> Astronomy
<input type="checkbox"/> Computer Engineering	<input type="checkbox"/> Data and Computer Science Language of instruction: English	<input type="checkbox"/> Physics fast track One-year programme, language of instruction: English	<input type="checkbox"/> Biology
<input type="checkbox"/> Earth Sciences	<input type="checkbox"/> Earth Sciences	<input type="checkbox"/> Scientific Computing Language of instruction: English, partly German	<input type="checkbox"/> Chemistry
<input type="checkbox"/> Geoarchaeology	<input type="checkbox"/> Geography		<input type="checkbox"/> Computer Science
<input type="checkbox"/> Governance of Risk and Resources * Language of instruction: English and Spanish, location: Santiago de Chile, Chile	<input type="checkbox"/> Mathematics		<input type="checkbox"/> Geography
<input type="checkbox"/> Matter to Life Language of instruction: English	<input type="checkbox"/> Molecular Biosciences Language of instruction: English		<input type="checkbox"/> Geology
<input type="checkbox"/> Molecular Biotechnology Language of instruction: English and German	<input type="checkbox"/> Molecular Biotechnology Language of instruction: English and German		<input type="checkbox"/> Mathematics
<input type="checkbox"/> Molecular Systems Science and Engineering Language of instruction: English			<input type="checkbox"/> Physics

## HUMANITIES AND THEOLOGY

The special thematic focus of the humanities at Heidelberg University – the Faculty of Modern Languages, the Faculty of Philosophy and Theology – is on the fields of transnational studies, area studies and cultural heritage studies. The area studies concentrate mainly on South and East Asia, North America and Ibero-America. Other strengths of the Heidelberg humanities lie in the development of text editing principles and the digital humanities.

Master of Arts		Master of Education	
<input type="checkbox"/> American Studies Language of instruction: English	<input type="checkbox"/> Ancient History Language of instruction: German and French, location: Heidelberg and Paris	<input type="checkbox"/> Italian / Italy in Contact – Literature, Arts, Languages, Cultures Language of instruction: Italian, English and German	<input type="checkbox"/> Jewish Studies
<input type="checkbox"/> Art History and Museology Language of instruction: German and French, location: Heidelberg and Paris	<input type="checkbox"/> Assyriology	<input type="checkbox"/> Japanese Studies	<input type="checkbox"/> Latin / Classical Philology
<input type="checkbox"/> Byzantine Archaeology and Art History	<input type="checkbox"/> Chinese Studies	<input type="checkbox"/> Management, Ethics and Innovation in the Non-Profit Sector – Diagonal Leadership and Governance *	<input type="checkbox"/> Medieval Studies
<input type="checkbox"/> Christianity and Culture	<input type="checkbox"/> Classical and Modern Literature	<input type="checkbox"/> Medieval Studies	<input type="checkbox"/> Musicology
<input type="checkbox"/> Classical Archaeology	<input type="checkbox"/> Communication and Society in Ibero-America Language of instruction: English and Spanish	<input type="checkbox"/> Near Eastern Archaeology Language of instruction: English and German	<input type="checkbox"/> Near Eastern Studies
<input type="checkbox"/> Communication, Literature and Media in Modern South Asian Languages	<input type="checkbox"/> Comparative German Studies	<input type="checkbox"/> Near Eastern Studies	<input type="checkbox"/> Philosophy
<input type="checkbox"/> Computational Linguistics Language of instruction: English and German	<input type="checkbox"/> Computational Linguistics Language of instruction: English and German	<input type="checkbox"/> Prehistory and Protohistory	<input type="checkbox"/> Prehistory and Protohistory
<input type="checkbox"/> Cultural Heritage and Protection of Cultural Goods Language of instruction: English	<input type="checkbox"/> Development, Environment, Societies, and History in South Asia Language of instruction: English	<input type="checkbox"/> Religious Studies	<input type="checkbox"/> Religious Studies
<input type="checkbox"/> East Asian Art History	<input type="checkbox"/> Egyptology	<input type="checkbox"/> Slavic and Eastern European Studies	<input type="checkbox"/> Slavic and Eastern European Studies
<input type="checkbox"/> English Studies Language of instruction: English	<input type="checkbox"/> European Art History	<input type="checkbox"/> South Asian Cultural and Religious History (Classical Indology)	<input type="checkbox"/> South Asian Cultural and Religious History (Classical Indology)
<input type="checkbox"/> French / Transcultural Studies Language of instruction: French, English and German	<input type="checkbox"/> German as a Second Language Knowledge – Language	<input type="checkbox"/> Theological Studies *	<input type="checkbox"/> Transcultural Studies Language of instruction: English
<input type="checkbox"/> German Studies: Literature – Knowledge – Language	<input type="checkbox"/> Global History	<input type="checkbox"/> Translation, Communication, Language Technology	
<input type="checkbox"/> Greek / Classical Philology	<input type="checkbox"/> History		
<input type="checkbox"/> History Language of instruction: German and French, location: Heidelberg and Paris	<input type="checkbox"/> Ibero-American Studies / Spanish Language of instruction: Spanish, English and German		
<input type="checkbox"/> Interreligious Studies			

## LAW, ECONOMICS AND SOCIAL SCIENCES



A central objective of the subjects at the Faculty of Behavioural and Cultural Studies, the Faculty of Economics and Social Sciences and the Faculty of Law is understanding regulation processes at the level of individuals and societies. In addition to decision-making and legislative processes in complex systems, the researchers investigate how social groups regulate their interaction and how resources are distributed from a political and economic standpoint.

Master of Arts		Legum Magister	
<input type="checkbox"/> Education Studies with a Focus on Organisational Development	<input type="checkbox"/> Political Science Language of instruction: English and German	<input type="checkbox"/> International Law (LL.M.) Language of instruction: English and Spanish, location: Santiago de Chile, Chile	<input type="checkbox"/> Corporate Restructuring * (LL.M. corp. restruc.)
<input type="checkbox"/> Sociocultural Anthropology Language of instruction: English, partly German	<input type="checkbox"/> Sociology	<input type="checkbox"/> Law – Legum Magister in German and European Law * (LL.M.)	
<input type="checkbox"/> Sport and Exercise across the Lifespan			

Master of Science		Master of Education	
<input type="checkbox"/> Economics Language of instruction: English	<input type="checkbox"/> Psychology	<input type="checkbox"/> Economics	<input type="checkbox"/> Gerontology, Health and Care
		<input type="checkbox"/> Information Science	<input type="checkbox"/> Political Science
		<input type="checkbox"/> Sport Science	

## MEDICINE



The medical faculties in Heidelberg and Mannheim specialise in the research of infectious diseases such as AIDS, hepatitis and malaria, cardiovascular issues, cancer, transplantation therapy and immunotherapy, and medical technology and neurosciences. Both faculties and the associated university hospitals maintain close ties to a large number of local research partners. The master's degree programmes qualify students for various professions in medicine-related specialist fields.

Master of Science		Medical Education *	
<input type="checkbox"/> Biomedical Engineering Language of instruction: English	<input type="checkbox"/> Health Services Research and Implementation Science in Health Systems Language of instruction: English and German	<input type="checkbox"/> Medical Education * Language of instruction: English and German	<input type="checkbox"/> Medical Informatics Language of instruction: English and German, location: Heilbronn and Heidelberg
<input type="checkbox"/> International Health * Language of instruction: English	<input type="checkbox"/> Medical Biometry / Biostatistics * Language of instruction: English and German	<input type="checkbox"/> Translational Medical Research Language of instruction: English	

### ABBREVIATIONS AND NOTES

- LL.M. Legum Magister / Master of Laws
- LL.M. corp. restruc. Legum Magister in Corporate Restructuring
- M.A. Master of Arts
- M.Sc. Master of Science
- M.Ed. Master of Education
- \* Advanced master's programme, subject to a tuition fee

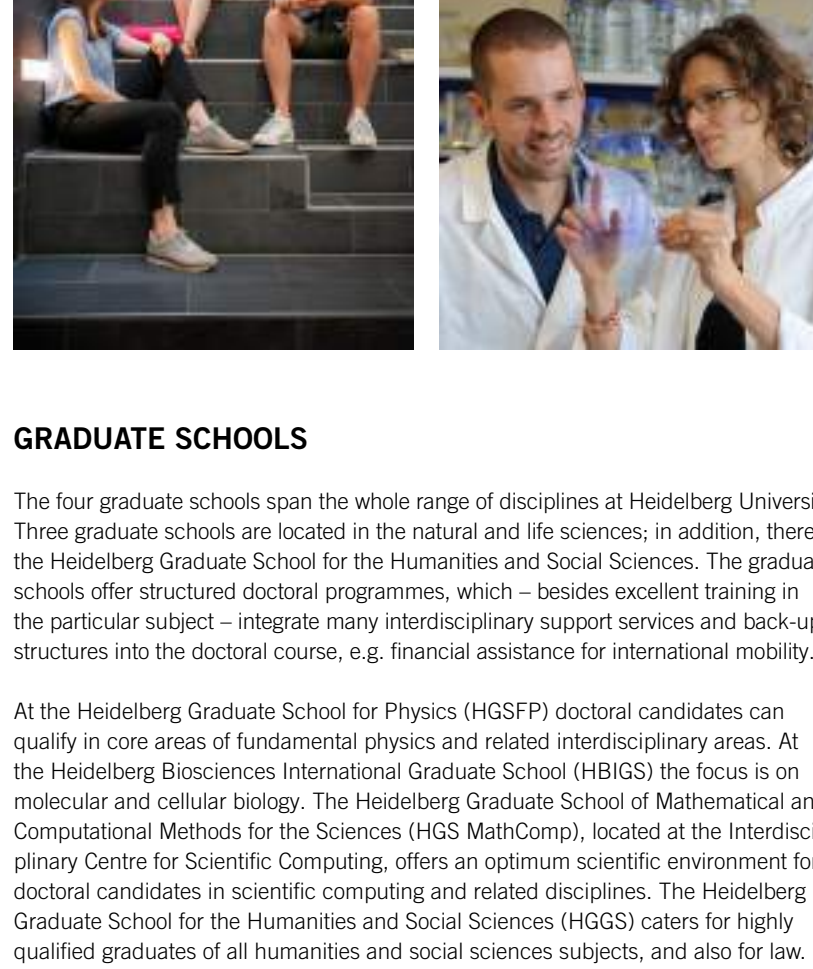
## TEN REASONS FOR STUDYING AT HEIDELBERG UNIVERSITY

- 1 Excellent reputation.** Consistently among the top three German universities in the most important rankings: Heidelberg University stands for excellent study and doctoral conditions and outstanding research.
- 2 Long tradition.** The Future. Since 1386, Heidelberg University is the oldest university in present-day Germany.
- 3 Range of subjects.** More than 100 master's programmes: the subject areas on offer cover the wide range typical of a comprehensive university, allowing students to acquire a top-tier education that is made to measure.
- 4 Interdisciplinarity.** Thinking outside the box: Heidelberg University teaches interdisciplinary skills. Such skills will be indispensable in addressing tomorrow's great challenges.
- 5 Research-based teaching.** Up to date on the latest research: from their first semester at the university, students are actively involved in research and carry out their own scientific projects.
- 6 Strong centre of research.** An excellent local network: besides hosting the university, Heidelberg is home to many other research institutions where students and doctoral candidates can work and learn.
- 7 International.** At home in the world: Heidelberg University is part of a network of 500 universities across the globe. 27 partner universities worldwide and four liaison offices in North America, Latin America, India and Japan create a strong foundation for exchange in research, education and teaching.
- 8 Excellent support.** For a great student experience on and off campus: Heidelberg University offers its students and doctoral candidates a comprehensive range of advice and support services.
- 9 Good career opportunities.** In academia or beyond: no matter where graduates go from Heidelberg University, they are in an excellent shape to launch their career.
- 10 Living in Heidelberg.** Short distances, a relaxed atmosphere and ample leisure-time opportunities: Heidelberg is the perfect place for students and doctoral candidates. Besides its world-famous Old Town and its magnificent location in the Neckar valley, Heidelberg offers cultural highlights to suit every palate.

## DOCTORAL STUDIES AT HEIDELBERG UNIVERSITY

### WAYS TO EARN A DOCTORATE

Earning a doctorate is fundamentally possible in all subjects offered at the university. It can be achieved as an individual doctorate or in a structured doctoral programme. Besides four graduate schools, there are another roughly 40 structured doctoral programmes, including research training groups and a host of cooperation arrangements with non-university partners.



### GRADUATE ACADEMY OF HEIDELBERG UNIVERSITY

The Graduate Academy is the coordination centre for all cross-disciplinary advice, professional development and funding opportunities for doctoral candidates, thereby guaranteeing the high quality of academic training at Heidelberg University. It supports doctoral candidates with personal advice, e.g. with financing their individual projects and carrying out study abroad during their doctoral studies. In particular, doctoral candidates and early-career researchers from abroad are also welcome to use the services of the Graduate Academy.

### heiDOCS: BEST CONDITIONS FOR EARLY-CAREER RESEARCHERS

The goal of heiDOCS, the integrated quality programme for supporting doctoral candidates and early-career researchers at Heidelberg University, is to further develop and optimise outstanding conditions for the research activity and career development of young researchers. In order to continually improve the supervision and fostering of early-career researchers, heiDOCS implements specific measures at the level of the whole university and the faculties.

