



BACHELOR'S PROGRAMMES AND STATE EXAMINATIONS OVERVIEW

BACHELOR'S PROGRAMMES AT HEIDELBERG UNIVERSITY

- Heidelberg University: The Future. Since 1386.
- Ten reasons for studying at Heidelberg University
- Outstanding support for students
- Research-based and interdisciplinary
- Programme structure
- Mathematics, Engineering and Natural Sciences
- Humanities and Theology
- Law, Economics and Social Sciences
- Medicine

GENERAL INFORMATION

- Excellence in research
- International profile
- Internationally renowned research location
- Living in Heidelberg

BACHELOR'S PROGRAMMES AT HEIDELBERG UNIVERSITY

HEIDELBERG UNIVERSITY: THE FUTURE. SINCE 1386.

Founded in 1386, Heidelberg University is the oldest university in present-day Germany, with one of the best research performances in Europe. Its success in the German Excellence Initiative and Excellence Strategy and in international rankings testify to its leading role in the scientific landscape. Heidelberg University's strategy in educating its approximately 30,000 students and promoting junior academics early on in their career focuses on research-based teaching and excellent conditions for a personalised and interdisciplinary education. In addition to its well-established excellence in research and teaching, the university is defined by its international character and integration into world-spanning networks. Its strength in research is also the result of close cooperation with numerous non-university research institutions and industrial partners in the region.

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.** A whole world of knowledge: Heidelberg University offers more than 180 different degree programmes, 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 around 480 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 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.

OUTSTANDING SUPPORT FOR STUDENTS

With a large number of advisory and supervisory opportunities, as well as specific professional development programmes, Heidelberg University accompanies students 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. The broad range of programmes offered by the Career Service contributes especially to a successful start in working life.

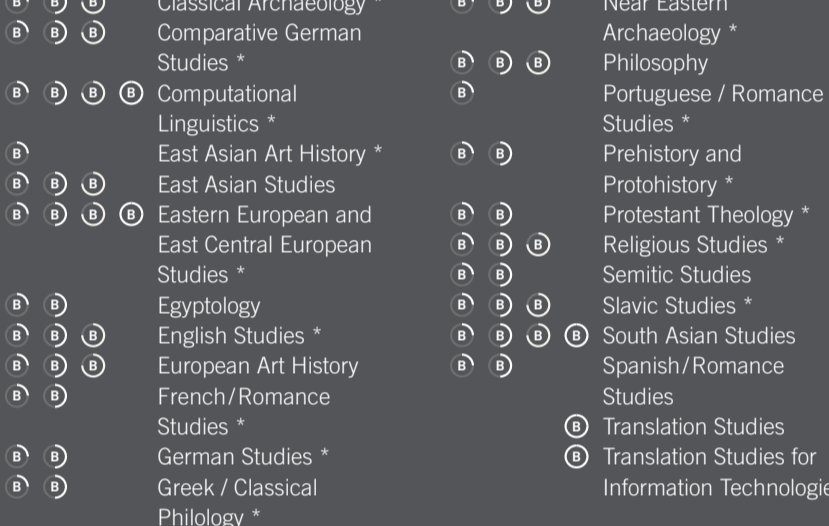
RESEARCH-BASED AND INTERDISCIPLINARY

As an undergraduate course of studies, the bachelor's programme awards graduates the academic degree of Bachelor of Science (B.Sc.) in the natural sciences and Bachelor of Arts (B.A.) in the social sciences and humanities. With a range of approximately 60 bachelor's programmes at 13 faculties, Heidelberg University offers a variety of subject combinations that is virtually unparalleled in Germany. The institutes cooperate with research and teaching facilities across the world, opening up possibilities for students to spend part of their studies abroad. The bachelor's degree qualifies graduates to enter into a profession and is the academic prerequisite for enrolling in a master's programme. Holders of a bachelor's degree with the option for a teaching certificate may choose to continue studying for a Master of Education (M.Ed.), which qualifies them to progress to the teaching experience phase.

PROGRAMME STRUCTURE

Bachelor's programmes at Heidelberg University are generally completed in six semesters. Students may earn 100 per cent of their credits in one subject or distribute the credits across two subjects at a ratio of 50/50 or 75/25. To complete a bachelor's programme, students must earn 180 credit points, 20 of them in the 'General Competencies' module. At the end of the programme, students are required to write a bachelor's thesis and may also have to pass an oral examination. The law, medical, pharmaceutical and dental medicine programmes end with a state examination. These programmes have a standard duration of eight (pharmacy), ten (law, dentistry) and twelve (medicine) semesters.

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.

- Bachelor of Science**
- Applied Computer Science
 - Biochemistry
 - Biology
 - Biosciences
 - Chemistry
 - Earth Sciences
 - Geography
 - Mathematics
 - Molecular Biotechnology
 - Physics

- State examination**
- Pharmacy

HUMANITIES AND THEOLOGY

The special thematic focus of the humanities at Heidelberg University – the Faculty of Modern Languages, the Faculty of Philosophy and the Faculty of Theology – is on the fields of transcultural 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 digital humanities.

Bachelor of Arts

- American Studies
- Ancient History *
- Assyriology
- Byzantine Archaeology and Art History *
- Chinese Studies *
- Christianity and Culture *
- Classical Archaeology *
- Comparative German Studies *
- Computational Linguistics *
- East Asian Art History *
- East Asian Studies
- Eastern European and East Central European Studies *
- Egyptology
- English Studies *
- European Art History
- French/Romance Studies *
- German Studies *
- Greek / Classical Philology *
- Historical Methodology *
- History *
- Islamic and Middle Eastern Studies
- Italian/Romance Studies *
- Japanese Studies *
- Jewish Studies
- Latin/Classical Philology *
- Musicology *
- Near Eastern Archaeology *
- Philosophy
- Portuguese / Romance Studies *
- Prehistory and Protohistory *
- Protestant Theology *
- Religious Studies *
- Semitic Studies
- Slavic Studies *
- South Asian Studies
- Spanish/Romance Studies
- Translation Studies
- Information Studies for

- Magister Theologiae**
- Protestant Theology *

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.

- Bachelor of Arts**
- Anthropology
 - Education Studies
 - Gerontology, Health and Care
 - Political Science
 - Public Law
 - Sociology

- Bachelor of Science**
- Economics
 - Psychology
 - Sports Science

- State examination**
- Law

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.

- Bachelor of Science**
- Interprofessional Healthcare
 - Medical Informatics

- State examination (location)**
- Medicine (location: Heidelberg)
 - Medicine (location: Mannheim)
 - Dentistry

ABBREVIATIONS AND NOTES

- B.A. Bachelor of Arts
- B.Sc. Bachelor of Science
- State examination
- Bachelor 25%
- Bachelor 50%
- Bachelor 75%
- Bachelor 100%
- * Programme starts in the winter and the summer semester

GENERAL INFORMATION

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 research 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
- 22** Leibniz Award Laureates
- 27** DFG Collaborative Research Centres
- 16** DFG Research Training Groups
- 108** ERC Grants (in total, incl. bridge professorships)
- 43** ERC Grants (running)
- 23** Emmy Noether Junior Research Groups (running)
- 8,872** 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**
- 4EU+ European University Alliance (Heidelberg, Prague, Paris-Panthéon-Assas, Sorbonne/Paris, Copenhagen, Geneva, Milan and Warsaw)
 - League of European Research Universities (LERU)
 - HeKKSaGOn: German-Japanese University Consortium
 - Coimbra Group

FACTS AND FIGURES – MOBILITY

- International students: **5,546 (18.6%)**
- International doctoral candidates: **2,403 (27.1%)**
- International doctorates completed: **291 (29.9%)**
- International visiting researchers: **approx. 250 per year**

Status: 2022/23

Centres abroad and related institutes of Heidelberg University

- Centres abroad**
- Heidelberg Office North America, New York
 - Heidelberg Center Latin America, Santiago de Chile
 - Heidelberg Office East Asia, Kyoto
 - Heidelberg Center South Asia, New Delhi
- Related institutes at Heidelberg University**
- Heidelberg Center for American Studies | HCA
 - Heidelberg Center for Ibero-American Studies | HCIAS
 - Centre for East Asian Studies
 - South Asia Institute | SAI

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. Amongst other things, with its industry on Campus projects Ruperto Carola links up its basic research with applied research on the part of the industrial partners.

- Industry on Campus projects**
- Catalysis Research Laboratory
 - InnovationLab GmbH
 - Nikon Imaging Center

LIVING IN HEIDELBERG

Heidelberg's cosmopolitan and student-friendly atmosphere is one of the city's distinguishing features. Situated in a region with a high quality of life, the university offers a varied programme of events alongside studies and work. Both the city and the university offer sports and leisure activities as well as numerous theatres, renowned film and music festivals and a large number of museums, creating a stimulating and diverse cultural atmosphere. Popular local tourist destinations include the world-famous Heidelberg Castle, the historic streets and alleys in the old town and the Philosophers' Walk, one of the most spectacular hillside promenades in Europe, as well as many fine restaurants.

FURTHER INFORMATION

- Studying at Heidelberg University**
- Study
 - All subjects
 - Orientation for students
 - Information on applying
 - Information for international students
 - Career Service (German)
 - Advisory services
 - Heidelberg School of Education (German)
 - Download centre
- General information**
- About the University
 - Research
 - Fields of Focus
 - Excellence Strategy
 - International affairs
 - Transfer
 - Research city

- Foreign offices and related institutes in Heidelberg**
- Heidelberg Center Latin America (HCLA)
 - Heidelberg Center for Ibero-American Studies (HCIAS)
 - Heidelberg Office North America, New York
 - Heidelberg Center for American Studies (HCA)
 - Heidelberg Centre South Asia (HCSA)
 - South Asia Institute (SAI)
 - Heidelberg Office East Asia, Kyoto
 - Centre for East Asian Studies

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