Welcome to Baden-Württemberg

STUDYING IN THE LAND OF THE FUTURE!

Baden-Württemberg
The German Southwest.
WELCOME TO BADEN-WÜRTTEMBERG

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Baden-Württemberg has broad horizons: The creativity and inventiveness of its people, their commitment to business, science, education and culture, have all contributed to making Germany’s southwest one of the most successful regions in the world. It is also one of the world’s most beautiful regions and a wonderful place to live – as the people of Baden-Württemberg are only too happy to tell you, despite their reputation for modesty.
Baden-Württemberg

THE LAND OF IDEAS, DOERS AND INVENTORS
Baden-Württemberg

A WEALTH OF NATURE, CULTURE AND PLEASURE
Baden-Württemberg quite simply has everything: a wealth of cultural and leisure opportunities, wonderful nature, diverse landscapes and even a big lake – the idyllic Lake Constance, bordered by three different countries. Baden-Württemberg is a great place to live, with a high standard of living and friendly people who love to share the good life with others.
Baden-Württemberg has something for everyone, whether you are the sporty type, a culture vulture or a lover of nature. Whether you like mountain biking in the Black Forest, sailing on Lake Constance, relaxing in the thermal baths, attending high quality concerts and exhibitions, savouring vegan fast food or Michelin-starred cuisine – Baden-Württemberg has what you are looking for, and much more. In terms of surface area and population, it is Germany’s third largest state.

Southwest Germany is also home to a lively alternative and clubbing scene, such as in the famous university towns of Tübingen and Heidelberg, or in Germany’s hip-hop central, Stuttgart. But more traditional customs and festivals are also well-established, such as the annual “Heimattage” festival, the “Fischerstechen” fishermen’s jousting tournament in Ulm and the annual carnival parades.
Baden-Württemberg is home to a vast range of different landscapes. In the west are the Black Forest and Rhine Valley and in the south are Lake Constance and the foothills of the Alps. Heading east is the Swabian Alb and in the north are the Hohenloher Plateau and Kraichgau.
This is where ideas are forged – and where the work is done to turn them into reality. Baden-Württemberg is one of the leading economic regions in Germany and Europe. It is home to major corporate groups such as Daimler, Porsche, Bosch, Festo and SAP, along with thousands of successful small and medium-sized enterprises. It is a region of innovation, inventiveness, high productivity and low unemployment. The perfect place to start your career!
INDUSTRIAL INNOVATION AND A STRONG MID-SIZED SECTOR

The people of Baden-Württemberg have always known how to make the best of things. As a region with no natural resources, it has always needed people with bright ideas. This is what has made it the record holder when it comes to patents, and turned it into Germany’s largest exporter. Germany’s southwest is Europe’s most innovative region. Nowhere else comes close when it comes to developing new products and processes. 5.6% of GDP is invested in research and development (2017), making Baden-Württemberg the clear leader among all 78 regions in the EU.

Inventions from Baden-Württemberg have changed the world: the automobile – invented in 1886 – but also many everyday items such as lever-arch files, matches, photocopiers, rawl plugs, electric drills and even ski lifts.

The innovative atmosphere and international outlook of this region has produced a number of Nobel prize winners.
Until today, the birthplace of the automobile is dominated by the automotive industry. Vehicle manufacturers and their suppliers account for 30% of industrial turnover, same as engineering firms (30%), as well as the chemical, pharmaceutical and optical industries and the metals and electrical sectors, which all play an important part in Baden-Württemberg’s economy.

INVENTORS AND TINKERERS – Carl Benz, Robert Bosch, Artur Fischer to name but a few

GLOBAL MARKET LEADERS – Stihl, Trumpf, Kärcher & Co.

AUTOMOTIVE GIANTS – Daimler, Porsche & Audi
Baden-Württemberg

STUDY WHERE OTHERS TAKE THEIR HOLIDAYS
Baden-Württemberg’s universities can hold their heads high: in the whole of Germany, no other region offers such a wide choice of universities, some of them world leaders. The state offers all kinds of education establishments to meet the professional development needs of students. And it has even invented a new kind of university – that’s typical of Baden-Württemberg.
Baden-Württemberg offers the best possible prospects for studying and working – with the largest density of institutions of higher-education and widest range of educational establishments in the whole of Germany. They are all first-class institutions. Four of Germany’s eleven Excellence Universities can be found in Baden-Württemberg. In addition to these traditional research universities, there are also universities of applied sciences, the Baden-Württemberg Cooperative State University, universities of education, universities of arts and music and private universities.

They all offer top-quality teaching, excellent facilities and a wide range of personalised services, such as Welcome Centers and Career Services. Whether you want to study archaeology or zoology, in Baden-Württemberg you’re in the right place and will receive a warm welcome.
The vast array of courses means that students are spoilt for choice, whether they are seeking an academic or more practical education. The Cooperative State University and the universities of applied sciences provides students with the ideal combination of theory and practice.

**FOR STUDENTS**

**Career Services**

Many universities offer Career Services to provide students, graduates and doctoral students with detailed information and advice to guide them in starting their career. The Career Centers provide the link between study and work, students and employers. They offer a wide range of services to bring graduates and potential employers together.

**TIPS FOR A PERFECTLY structured course**

1. Settle in quickly: Join the orientation days.
2. Brush up your knowledge: Find out more about preparatory courses.
3. Easy learning: Join a study group.
5. Don’t delay – finish your studies before your residency permit expires!

**FOR SCIENTISTS**

**Welcome Centers**

The Welcome Centers provide advice for foreign scientists and researchers who come to the region’s universities. These service centers provide doctoral and post-doctoral students, professors and visiting academics with a wide range of assistance to help them settle into their new environment.

Most Bachelor’s courses last six to eight semesters, with another two to four semesters for those who wish to add a Master’s degree. Students of dentistry, medicine, law, food chemistry and pharmacy have to take two state examinations. The first one takes place after 12 semesters and the second one after a period of practical experience.

The course content and subject areas are presented in modules. The time the student spends on each module is measured in “credit points”, within the framework of the European Credit Transfer System, ECTS. This system allows completed studies to be recognised if the student transfers to another university in Germany or another country.

The research universities, universities of education, universities of arts and music all offer opportunities for students to pursue doctoral studies. Along with individual doctorates, there are also structured doctorate programmes where the doctoral students are given individual advice and assistance.
ALL YOU NEED TO KNOW ABOUT APPLICATIONS, FUNDING AND ACCOMMODATION

YOUR ACCOMMODATION: STUDENT RESIDENCE, SHARED HOUSE OR YOUR OWN PLACE?
Student residences are popular because they are conveniently located close to the university, it’s easy to meet people, the rooms are usually furnished, and they are relatively cheap. Rooms are allocated by the local student services office. Renting a room in a shared house costs a similar amount – they can be found online, via newspaper ads or on university noticeboards. It is more expensive to rent your own place.

HEALTH INSURANCE: PUBLIC OR PRIVATE?
Students below the age of 30 and who have not yet completed the 14th semester of their course can purchase public or private health insurance. Public health insurers offer students a discounted rate. All other students can take out public insurance at a higher rate or take out a private insurance policy, but these are often more expensive. It may not be necessary to take out health insurance if you already have a policy in your home country that covers treatment costs in Germany (e.g., EU countries and Switzerland).

LIVING COSTS AND DISCOUNTS
On average, you should expect your monthly living costs to be around 700 to 900 euros. All students also have to pay administration fees and a contribution to the student union, which works out at around 150 euros per semester. But the student union also entitles you to a number of discounts: just show your student ID to save on things like food and drinks in the university canteen, museum entry, public swimming pools, bank accounts, subscriptions to newspapers and public transport.

SPECIAL SERVICE PACKAGE FOR FOREIGN STUDENTS
Some student unions offer a service package that is designed to help foreign students settle into student life in Germany. This package covers just about every area of student life, providing discounts on accommodation, food and insurance. It is designed to help students when they first arrive, so it is only available for one semester.

TUITION FEES:
For those non-EU nationals coming to Germany to study beginning with the winter semester 2017/18, universities in Baden-Württemberg started charging tuition fees. These fees amount to 1,500 euros per semester. Revenues from these fees are used to ensure that the universities in Baden-Württemberg continue to have a bright international future while providing the best higher education Germany has to offer. However, these fees do not apply for all EU nationals or any non-EU nationals who are already residents of Germany. Furthermore, there are fees for students pursuing an additional second degree and some Master’s courses which are not directly linked to the subject studied for a Bachelor’s degree. For all fees there are exemptions provided for certain students based on social reasons, such as refugees.

EARNING MONEY: WORK PERMITS AND PART-TIME JOBS
European students from EU member states, Iceland, Liechtenstein, Norway and Switzerland are generally allowed to work in Germany for an unlimited period, but not more than 20 hours per week during the semester. All other foreign students must apply for a work permit. They are not permitted to work more than 120 full days or 240 half days in one year.

Baden-Württemberg Ministry of Science, Research and Arts
WWW.MWK.BADEN-WUERTTEMBERG.DE
As the state’s highest authority, the Ministry of Science, Research and Arts is responsible for all universities in the state, most of its non-university research institutes, academic libraries and archives and major art institutions.

FOR APPLICANTS FROM ABROAD

Drop-in Centers

FOR STUDENTS AT RESEARCH UNIVERSITIES
• International students’ office at the particular university
• Admissions Office for international students

FOR STUDENTS AT UNIVERSITIES OF APPLIED SCIENCES
• Konstanz Center for International students

Before applying please contact your university of choice to find out more about exact procedures, requirements and the documentation you need to support your application.

Qualifications required

• Recognised secondary school qualification, must be equivalent to the German Abitur
• Proof that you have completed a university entrance exam in your home country or have successfully completed your undergraduate studies
• If necessary, proof that you are suited to studying your chosen subject
• If necessary, proof of adequate English language skills for the international programme
• If necessary, adequate German language skills

TO STUDY IN GERMANY

Scholarship programmes

In Germany there are many organisations, foundations and institutions that offer scholarships to foreign students. The best known of these is the German Academic Exchange Service (DAAD), which offers a wide range of funding programmes.

The Baden-Württemberg STIPENDIUM is a unique programme run by the Baden-Württemberg Stiftung to promote international exchanges among students and young professionals. This programme enables both young people from Baden-Württemberg to spend some time abroad and invites foreign scholarship holders to get to know Baden-Württemberg. For this purpose they receive a scholarship amounting to up to 1,400 euros per month for a maximum of eleven months.

For more details visit www.uni-assist.de and https://www.htwg-konstanz.de/en/academics/studienkolleg/start-page/

IMPORTANT
ADVANCE INFORMATION

IMPORTANT
FOR ADMISSION

IMPORTANT
FINANCIAL SUPPORT

For more details visit www.daad.de and www.bw-stipendium.de

For more details visit www.bw-studycguide.de/studying/admission.html

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RESEARCH UNIVERSITIES

Mannheim
THE LEADERS IN ECONOMICS AND SOCIAL SCIENCES

Heidelberg, Freiburg, Tübingen
THE OLDEST RESEARCH UNIVERSITIES IN BADEN-WÜRTTEMBERG

Hohenheim
EXPERTS IN BIOECONOMY

Stuttgart & Karlsruhe
FOCUS ON TECHNOLOGY AND NATURAL SCIENCES

Konstanz
INTERDISCIPLINARY COLLABORATION IN TEACHING AND RESEARCH

Ulm
FOCUS ON MEDICINE AND NATURAL SCIENCES
The research universities are at the heart of Baden-Württemberg’s tertiary education. They provide an academic education and a high-level link between research and teaching. They regularly come out at the top of Germany-wide university rankings. Within the framework of the federal and state governments’ Excellence Strategy, four of Germany’s eleven top research universities are based in Baden-Württemberg.

It is no coincidence that Baden-Württemberg plays such a leading role in this field. Teaching and research activities at the region’s research universities are closely linked. Professors and lecturers are actively engaged in basic and applied research, for example the department heads of the Fraunhofer Institutes are also professors at the research universities. This means that research results flow back into teaching, ensuring the education provided is of the very best quality. In this way, students learn about the principles of scientific work. They gain theoretical knowledge, methodological experience and vital skills such as analytical thinking and problem solving.

Baden-Württemberg’s research universities make a major contribution to ensuring that Baden-Württemberg remains a competitive international location for science and research. This is done by supporting young academics through technology transfers, further education opportunities and close ties with businesses.

**Baden-Württemberg’s research universities are very attractive – not just in Germany but all over the world. More than half of all students in the state are enrolled at one of the nine traditional universities, and more than 16 percent of them are from a foreign country.**

**STUDY WITH THE BEST**

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**TEACHING AND RESEARCH BY SUBJECT GROUP**

<table>
<thead>
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<th>Subject Group</th>
<th>University of Freiburg</th>
<th>University of Heidelberg</th>
<th>University of Hohenheim</th>
<th>Karlsruhe Institute of Technology</th>
<th>University of Stuttgart</th>
<th>University of Konstanz</th>
<th>University of Tübingen</th>
<th>University of Mannheim</th>
<th>University of Ulm</th>
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<tr>
<td>Engineering</td>
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<td>Law, economics and social sciences</td>
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<td>Languages and cultural studies</td>
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<td>Teacher training</td>
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*preliminary
A STRONG ACADEMIC TRADITION

The Excellence Strategy is a competition organised by the federal and state governments with the aim of supporting cutting-edge research at universities and ensuring they are fit for the future.

Research universities in Baden-Württemberg offer a full spectrum of subjects: Engineering, mathematics, computer science, natural sciences, agricultural sciences, forestry, medicine and health science, law and economics, social sciences, languages and cultural studies, art and design. However, not every research universities offers every subject. They all have their own specialist areas.

The historic research universities of Heidelberg, Freiburg and Tübingen were founded in the 14th and 15th centuries and are some of the oldest in Germany. They offer a comprehensive range of subjects, including medicine and theology. In contrast, the Universities of Hohenheim, Karlsruhe, Mannheim and Stuttgart were established in the 19th century, developing out of educational establishments that specialised in a particular range of subjects. Today, Stuttgart and Karlsruhe are still well known for their expertise in engineering and the natural sciences. The Karlsruhe Institute of Technology (KIT) is not only a regional university but also a national research centre as part of the Helmholtz Association. Mannheim is one of the best business universities in Germany, while Hohenheim specialises in bioeconomy.

The Universities of Konstanz and Ulm were founded in the 20th century. While Ulm was set up to be a university for medicine and natural sciences, right from the beginning the University of Konstanz was conceived as a place for interdisciplinary collaboration.

The particular quality of Baden-Württemberg’s research universities is a result of their international outlook: The research universities have close ties to other universities around the world through partnership and exchange programmes. These cross-border programmes offer exchange opportunities in the USA, Canada, Australia and Mexico. University partnerships with the state of Massachusetts have been running for 55 years, and with the state of Connecticut for 30 years. The international programmes supported by the Ministry of Science, Research and the Arts have already made it possible for many thousands of students to come and study without tuition fees and some have also carried out company internships. They encourage exchanges for young researchers and new research partnerships. The provision of grants, additional courses and staff to coordinate and advise means the exchange programmes are of particularly high quality.
<table>
<thead>
<tr>
<th>University</th>
<th>Profile</th>
<th>Special features</th>
<th>Research</th>
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<tbody>
<tr>
<td>University of Freiburg</td>
<td>The Albert Ludwigs University of Freiburg is one of Germany's oldest and most famous universities. It offers a full range of subjects – with some 200 courses, of which many are conducted in English, including humanities, economics, natural sciences, engineering, medicine, law and theology. It also provides the ideal framework for undertaking modern, interdisciplinary studies.</td>
<td>Its engineering faculty has an outstanding reputation with its three departments of computer science, microsystem engineering and sustainable technical systems. By linking together different fields, such as electronics, optics, mechanics and chemistry, it is possible to develop microsystem solutions for most areas of industry and daily life.</td>
<td>The university's many research centers have an important role to play. They include centers for neuroscience, material science, medicine and law. The “BIOSS Centre for Biological Signalling Studies” cluster of excellence uses the latest analytical methods and strategies of synthetic biology to explain and examine the complex processes of biological signalling in a creative and playful way.</td>
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<tr>
<td>University of Heidelberg</td>
<td>The University of Heidelberg is Germany's oldest university and one of Europe's leading research universities. Its courses include humanities, social sciences and law, natural sciences, life sciences and medicine. With over 150 different courses, Heidelberg offers an outstanding range of possible subject combinations and an excellent education through research-based teaching.</td>
<td>Heidelberg has an international flavour: Many Bachelor’s and Master’s programmes are conducted in English, and its global research and teaching network encourages international exchange. For example, the Heidelberg Center Latin America in Santiago de Chile works with Chilean universities to offer courses in law, medicine, astrophysics and psychology.</td>
<td>The university places a priority on encouraging dialogue across traditional disciplines and providing research results that are useful for society and business. With its “STRUCTURES” and “3D Matter Made to Order” clusters of excellence and its plan for the future, the University of Heidelberg successfully made it through both rounds of the Excellence Strategy, in this way reinforcing its claim to be a world-class research university.</td>
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<tr>
<td>University of Hohenheim</td>
<td>The University of Hohenheim is a university with a long tradition in the area of agriculture and natural sciences. It has three faculties (agricultural sciences, natural sciences and social sciences) and offers more than 40 different courses.</td>
<td>The university is Germany’s leading university for agricultural sciences and it has an excellent global network. It has close ties with universities and other research institutions in more than 90 different countries. Hohenheim is also one of the top universities in rankings of courses in economics and communication sciences.</td>
<td>The university is involved in a number of joint research projects. It is currently working on interdisciplinary research in the areas of bioeconomics, global food security and ecosystems as well as health sciences. Central institutions, state institutes and laboratories allow interdisciplinary, joint research projects to be carried out in a hands-on way and stimulate new scientific findings.</td>
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### Karlsruhe Institute of Technology

**Profile:** The Karlsruhe Institute of Technology (KIT) was formed through a merger of the Karlsruhe Research Centre and the University of Karlsruhe. KIT is the research university in the Helmholtz Association. The academic disciplines on offer at KIT include biology, chemistry and process engineering, computer science, economics and society, mechanical engineering and electrical engineering, natural and built environment, physics and mathematics.

**Special features:** The KIT is one of Europe’s largest research and teaching institutions and has the potential to become a world leader in certain areas of research. As a place of academic life, lifelong learning, comprehensive further education, unlimited knowledge transfer and a lasting culture of innovation it offers an excellent academic education.

**Research:** The KIT creates and communicates knowledge for the benefit of society and the environment. It helps society to face global challenges through major contributions in the areas of energy, mobility and information science. This can also be seen in the two excellence clusters “3D Matter Made to Order” and “Energy Storage Beyond Lithium”.

### University of Konstanz

**Profile:** The University of Konstanz is one of Germany’s most successful universities and one of the world’s leading new universities. Since it was established, it has stood for cutting-edge research, excellent teaching and study, an international outlook and interdisciplinary collaboration. Germany’s southernmost university offers more than 120 courses, including mathematics and natural sciences, humanities, politics, law and economics.

**Special features:** With over 250 partnerships with other universities, the University of Konstanz displays an international outlook and offers its students a wide range of exchange programmes.

**Research:** As part of its forward-looking “The Konstanz Model –Towards a Culture of Creativity” concept, the institution is focused on expanding its role as a top research university and on promoting young talent. This has led to the establishment of the “Centre for the Advanced Study of Collective Behaviour” and “The political dimension of inequality” cluster of excellence and postgraduate programmes in chemical biology and decision sciences.

### University of Mannheim

**Profile:** The distinguishing feature of the University of Mannheim is its clear focus on business studies and social sciences and its strong ties to humanities, cultural studies, law, mathematics and computer sciences. The quality of its programmes has been recognised for many years with excellent positions in the rankings. With the Mannheim Business School, the university is involved in management training and is considered to be one of the top 25 MBA providers in the world.

**Special features:** The university runs around 650 exchange programmes and partnerships with 450 universities around the world. It also offers a number of international courses. It involves students in charitable projects, and many academics are advisors on policy and society for national and international bodies.

**Research:** In its core area – it is nationally and internationally renowned for business studies and social sciences – the University of Mannheim focuses on empirical and quantitative approaches. The Mannheim Centre for European Social Research (MZES), the university’s largest research institute, studies the development of European societies and their political systems. ZEW, GESIS and IDS also have close ties to the university.
### University of Stuttgart

**Profile:** The University of Stuttgart offers an interdisciplinary approach, with a focus on the natural sciences and engineering, but also on architecture, economics, social sciences and humanities. The faculty of aerospace engineering is one of the largest and best known in Germany.

**Special features:** The University of Stuttgart prepares its graduates for working in the global market by offering them opportunities to study abroad and an increasing number of English-language Bachelor’s and Master's degree courses, along with special Double Degree programmes and language courses.

**Research:** Its excellent reputation as a top research university and the broad range of courses on offer make Stuttgart a forward-looking centre for academic study and research with a global reputation. This is reflected in its "Intergrative Computational Design and Construction for Architecture" and "Data Integrated Simulation Science" clusters of excellence, the Advanced Manufacturing Engineering graduate academy, the research campus ARENA2036 and in numerous areas of specialist research and postgraduate programmes.

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### University of Tübingen

**Profile:** At the University of Tübingen, students can choose courses in seven faculties offering 130 different subjects and more than 280 different courses, including fringe subjects with a long tradition such as rhetoric and indology. As one of the oldest universities in Europe, it is home to many centuries of academic and scientific history.

**Special features:** With its LEAD Learning, Educational Achievement and Life Course Development postgraduate programmes, the clusters of excellence “Control of microorganisms to fight infections (CMFi)”, “Image-Guided and Functionally Instructed Tumor Therapies (iFIT)” and “Machine learning in science” and its forward-looking approach, the University of Tübingen has an outstanding reputation.

**Research:** The University of Tübingen is home to a multitude of special research departments and five graduate academies. Its research focuses particularly on integrative neurosciences, medical imaging, translational immunology and cancer research, microbiology and infectious diseases, plant molecular biology, geological and environmental research, astrophysics, particle physics, quantum physics, archaeology, anthropology, language and cognition, education and media studies.

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### University of Ulm

**Profile:** Baden-Württemberg's youngest research university specialises in medicine, natural sciences and engineering. However, its courses also include a number of interdisciplinary programmes such as mathematical biometry, mathematics and economics and biochemistry. The faculties are: medicine, engineering, computer science and psychology, mathematics and economics, and natural sciences.

**Special features:** The University of Ulm is one of Germany’s top new research universities. It maintains lively exchanges with renowned research institutions and businesses in Germany and abroad, and a number of courses are conducted in English.

**Research:** As a research institution, it draws its strength from a high degree of interdisciplinary collaboration. It specialises in research into trauma, aging and age-related diseases, quantum physics and engineering, energy storage and conversion, interaction between man and machines, financial services and their mathematical methodology.
UNIVERSITIES OF APPLIED SCIENCES

Science and its application

Practical experience and professional success

Applied research

Regional location / international network

Diversity and openness

Business and society

Innovative and entrepreneurial

Studying in Baden-Württemberg
The 23 state-run universities of applied sciences (HAW) in Baden-Württemberg provide the state’s second pillar of academic education.

They combine academic education with project-oriented learning, e.g., through simulations, practice firms and working together on research projects with companies or other partners. This is an excellent way to combine theoretical and practical training. Internships are also an important part of their courses. Depending on the subject being studied, these are carried out in companies or public institutions.

Research carried out at universities of applied sciences has a focus on practical applications. There are many joint research projects with companies in the region. For example, Esslingen University of Applied Sciences works with Daimler, Porsche and their suppliers on a number of research projects in its faculty of automotive engineering, while Reutlingen University has ties with Bosch. The Baden-Württemberg Center of Applied Research (BW-CAR) was set up in 2014 for cutting-edge research and allows its members to share research expertise in specific areas through networking between universities and institutions.

The universities of applied sciences are regionally based but have global networks. Numerous partnerships with business and industry, local councils, social institutions and other universities provide students with a wide range of opportunities for internships, external research projects, dissertations and semesters abroad. This allows them to gain important international experience, learn about other cultures and improve their language skills. The offered courses are a reflection of the latest scientific advances and the requirements of business. This means that many courses focus on particular areas and, moreover, are often unique in Germany, such

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### TEACHING AND RESEARCH BY SUBJECT GROUP

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as the Bachelor’s degrees in optoelectronics, laser technology, ophthalmology and acoustics of hearing, which are offered in Aalen. In their teaching and research, the universities of applied sciences focus on subjects that are relevant to the society of the future. For example, the University of Biberach, Stuttgart Technical University, Offenburg University and the University of Applied Forest Sciences in Rottenburg offer courses in the area of energy-efficient construction. Alongside traditional engineering studies, there is a wide range of business courses on offer, including specialised degrees such as tourism management and real estate management at the Universities of Heilbronn and Nürtingen-Geislingen.
The range of courses offered by the HAW include engineering subjects such as computer science, mechanical engineering, electrical engineering, civil engineering/architecture, and business and social science topics including economics, business administration and social studies.

The courses on offer are rounded off by natural sciences, life sciences (particularly agricultural/forestry sciences, biotechnology and medical technology), and art, media and cultural studies with a particular focus on design.
More than 40 years of success with the dual study system

Over 170,000 alumni build lasting relationships

Always varied – the emphasis shifts between theoretical and practical learning every three months

Fast and easy career entry
Around 85% sign an employment contract before graduating

BADEN-WÜRTTEMBERG COOPERATIVE STATE UNIVERSITY

Studying in Baden-Württemberg
The Baden-Württemberg Cooperative State University (DHBW) is the first and to date the only public university in Germany to offer dual study courses, i.e. a blend of academic and practical training. It was established on 1 March 2009 and continues the successful model of dual education that was previously pursued for 40 years by the Berufsakademie Baden-Württemberg. The DHBW has a simple formula: Theory + Practice = Success.

At its nine sites and three campuses, the DHBW works with some 9,000 selected companies and social institutions to offer a wide range of Bachelor’s and Master’s degrees in economics, technology and social sciences that are accredited nationally and internationally. The DHBW also offers Master’s courses that can be studied alongside full-time jobs. With around 35,000 students and 170,000 alumni, the DHBW is the largest institution of higher education in Baden-Württemberg.

Its key characteristic is its dual study concept with alternating periods of academic and practical training, and its close ties with external partners. The latter select the students they are interested in and agree on a three-year contract, paying them a monthly salary for the length of their studies. Every three months, the students shift between theoretical and practical training. This means their theoretical knowledge is enhanced by practical experience in their field and, they also learn the soft skills needed in the workplace. Theoretical and practical aspects are closely intertwined, and the curricula integrate the latest advances in business, technology and society.

The Baden-Württemberg Cooperative State University offers a broad spectrum of nationally and internationally accredited dual-study Bachelor’s degrees in the areas of business, technology and social studies, with over 100 specialist subjects.

### TEACHING AND RESEARCH BY SUBJECT GROUP*

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<tr>
<th>Subject Group</th>
<th>DHBW Heidenheim</th>
<th>DHBW Heilbronn</th>
<th>DHBW Karlsruhe</th>
<th>DHBW Mannheim</th>
<th>DHBW Ravensburg</th>
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*Around 100 fields of study, for more details visit: www.dhbw.de/studienangebot
The special feature of Baden-Württemberg Cooperative State University is its close ties with businesses. It means that students have the opportunity to immediately put into practice what they learn in the classroom. This expands their knowledge and skills and allows them to gain first-hand experience of real working life. Every three months, they shift between theoretical and practical training. The classroom teaching is therefore very intensive, requiring strong commitment and good time management on the part of the students. The DHBW facilitates their studies by keeping course groups small, and professors work closely with their students.

Students also receive a monthly payment for the whole period of their studies. This means they are more financially independent than students at traditional universities. In line with this, students at the Baden-Württemberg Cooperative State University have annual holiday allowances rather than end-of-term holidays. Students are not obliged to stay at the company that sponsors them once they have graduated, but 80 percent of them choose to do so.

Baden-Württemberg Cooperative State University has ties with numerous foreign universities and companies. This means that many students can be offered opportunities to spend one or two semesters abroad in order to work and study in another country, improve their language skills and expand their intercultural knowledge.
Small study groups at the DHBW mean that students are encouraged to work on their own initiative. It also means they receive more personal attention and there is a pleasant, personal study atmosphere. No crowded lecture theatres, and the relationships made here tend to continue long after graduation.

Around 85% of students find jobs immediately after graduating.

Over 20 study programmes with around 100 study subjects in the fields of economics, engineering and social sciences.

The latest subject knowledge thanks to strong practical relevance.

Theory + Practice = Success

Around 9,000 dual-study partner companies.

Nine locations and three campuses with around 35,000 students.

Around 85% of students find jobs immediately after graduating.
6 UNIVERSITIES OF EDUCATION

25,557 STUDENTS IN THE WINTER SEMESTER 2019/20*

UNIVERSITIES OF EDUCATION

THANKS TO THE UNIVERSITY STATUS OF THE UNIVERSITIES OF EDUCATION

Doctoral and post-doctoral study

Throughout Germany
A UNIQUE KIND OF UNIVERSITY

*preliminary
Six universities of education (PH) make Baden-Württemberg the only federal state in Germany with specialized institutions for educational sciences. Their courses aim to professionalise the full spectrum of careers in education, i.e. to provide well-qualified professionals for careers in education in all areas of society and for all ages. They provide academic qualifications for the teachers of tomorrow and have become strong centers for teaching and research into educational methodology. They offer a wide range of Bachelor’s and Master’s courses in educational topics, such as early education, cultural and health education, multiculturalism and multilingualism, media and environment. Each university has its own specialist areas and has established its own particular niche.

Their courses include teacher training for primary and secondary schools, vocational colleges and special needs education. Teachers studying to teach in schools that lead to diplomas that qualify students to study at universities benefit from the close ties that the universities of education have developed with other universities. Course content is centered on the high demands of teaching careers in which educational sciences are closely linked to methodology, subject knowledge and classroom teaching skills. This combination of educational theory, practice and in-depth subject matter is one of the key strengths of these universities.

All universities of education also offer first-class continuous professional development, particularly in the area of ongoing teacher training and in-service training. Parts of this training is carried out in its own institutes, associated academies or further training centers.

### TEACHING AND RESEARCH BY SUBJECT GROUP

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<tr>
<th>Study programmes</th>
<th>PH Freiburg</th>
<th>PH Heidelberg</th>
<th>PH Karlsruhe</th>
<th>PH Ludwigsburg</th>
<th>PH Schwäbisch Gmünd</th>
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<td>Teacher Training for Special Needs Education</td>
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<td>Teacher Training for Vocational Education/Information Technology and Business Administration/Economics</td>
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<td>Teacher Training for Vocational Education/Health and Care/Nursing Education</td>
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<td>Teacher Training for Vocational Education/Textile Technology</td>
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<td>Early Childhood Education</td>
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<td>Early Foreign Language Learning</td>
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<td>Education Management, Education, Education Science</td>
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<td>Psychology of Teaching and Learning/Promoting Learning</td>
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<td>Media in Education/Media Education</td>
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<td>Education in Old Age</td>
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The universities of education focus on supporting the next generation of educational experts. The research programmes are single disciplinary as well as interdisciplinary and include to some extent joint projects with other universities. Along with the joint doctorate programme “graph”, this provides the many doctoral students and post-doctoral researchers with the best possible conditions for their work. Students also have an opportunity to get involved in research projects at an early stage of their education.

The fact that research into education and educational methods will be very important for the future is demonstrated by the steadily growing number of projects, external funding and completed doctoral and post-doctoral degrees. Research topics range from basic research into educational theory to application-oriented educational research across a broad range of disciplines, such as empirical teaching-learning research, studies of education at particular institutions, teaching methods and professionalisation.

Experience with other cultures and languages are particularly important elements in the various areas of the education system. University partnerships, exchange programmes and joint research projects mean that the six universities of education in Baden-Württemberg have close ties with other institutions around the world, so that students have opportunities to take up teaching assignments and gain practical experience abroad. On the other hand, students and researchers from around the world enrich academic life at the universities of education and give it an international flavour.

In December 2013, the state government initiated a reform of teacher training in Baden-Württemberg. As a result, since 2015 all courses are now offered in the framework of Bachelor’s and Master’s degrees. The aim of these reforms is to continue to strengthen the research orientation and professionalisation of courses in education, including with regard to new challenges such as diversity and inclusion. The reforms are aimed at ongoing coordination between subject matter and methodological content in teacher-training courses, e.g. through more intensive collaboration between universities of education and other universities. In the future, Master of Education courses will be running jointly.

As part of the nationwide “Teacher Training Quality Initiative”, a total of seven digitisation projects in Baden-Württemberg will be funded between 2020 and 2023. With the project “Sustainable integration of subject-didactic digital teaching-learning concepts (InDiKo)”, the Karlsruhe University of Education is focusing on expanding its innovation space. With its “MakEd_digital” concept, the Professional School of Education Stuttgart-Ludwigsburg (PSE) is committed to setting up a maker space to support prospective teachers in creating digital teaching materials.
How do we learn in today’s world? How does the information society affect teaching and learning processes? What kind of education is the right one for different people? The experts at the universities of education seek answers to these and other questions regarding education and teaching methodology.

More than 1,300 OF STUDENTS ARE FROM ABROAD (WINTER SEMESTER 2019/20)*

EXEMPLARY REPUTATION through top-quality, practically oriented training

6 LOCATIONS: FREIBURG, HEIDELBERG, KARLSRUHE, LUDWIGSBURG, SCHWÄBISCH GMÜND, WEINGARTEN

UNIQUE IN GERMANY Courses for bilingual teaching and learning in Germany

ADDITIONAL COURSES TO THE Teacher training:

• EARLY YEARS EDUCATION
• HEALTH EDUCATION
• INTERCULTURAL TRAINING
• GERMAN AS A FOREIGN LANGUAGE
• ISLAMIC RELIGIOUS INSTRUCTION
• COUNSELLING, SCHOOL DEVELOPMENT AND SOCIAL WORK IN SCHOOLS
• TEACHING STREET CHILDREN
• ADULT EDUCATION, MEDIA AND CULTURE MANAGEMENT
• BILINGUAL LEARNING AND MULTILINGUALISM
• VOCATIONAL TRAINING (IN COLLABORATION WITH THE UNIVERSITIES OF APPLIED SCIENCES)

*preliminary
UNIVERSITIES OF ARTS AND MUSIC

More than 4,300 students
AT THE UNIVERSITIES OF ARTS AND MUSIC, FILM AND POP ACADEMY AND
THE ACADEMY OF PERFORMING ARTS
(WINTER SEMESTER 2019/20)*

*preliminary

Recognition of five
new state centers
RAISING THE PROFILE OF THE
UNIVERSITIES OF MUSIC

State collection of
stringed instruments
HELPING TO BUILD CAREERS
IN THE ARTS

Student Oscars
FOR THE FILM ACADEMY
BADEN-WÜRTTEMBERG

Studying in Baden-Württemberg
COVERING THE WHOLE ARTISTIC SPECTRUM, FROM PICASSO TO POP MUSIC

The arts have a long tradition in Baden-Württemberg: In the last 10 years, Karlsruhe University of Music has celebrated its 200th anniversary, and the Stuttgart State Academy of Art and Design its 250th anniversary. But the most notable aspect is how traditional and modern art forms are given equal importance in Baden-Württemberg. This is demonstrated by the University of Popular Music and Music Business – the only one in Germany – and its now world-famous Film Academy.

The courses and subjects offered by the 11 universities of arts and music in Baden-Württemberg cover the whole spectrum of artistic education. Depending on the specific course, subjects are taught in classes, small groups or individually.

UNIVERSITIES OF MUSIC
Classical, church music, jazz, performance skills and much more – the Universities of Music in Stuttgart, Karlsruhe, Mannheim, Trossingen and Freiburg offer a wide range of study options. Artistic training is rounded off with academic subjects such as musicology and music education.

The State University of Music and Performing Arts Stuttgart also offers Bachelor’s courses in drama and marionette theatre, while in Mannheim it is possible to study dance and dance education, and in Karlsruhe there are courses on radio music journalism and multimedia.
ACADEMY OF PERFORMING ARTS (ADK)
The ADK offers elements of classical theatre and studies of new media that cross disciplines and genres. Its programmes include drama, theatre direction, dramaturgy, costume and scenery design.

FILM ACADEMY
The Baden-Württemberg Film Academy in Ludwigsburg is a world-famous film school. It provides professional training in every area relating to film: scriptwriting, directing, art direction, montage, editing, design, animation, interactive media, production, film scores and sound design. Courses are taught by over 300 experts from the film and media industry. Every year teams of students and graduates produce over 250 films in all genres, and they are regularly awarded at film festivals.

UNIVERSITIES OF ARTS
The universities of arts offer training to become independent artists, so painters and sculptors, along with courses in applied art and design.

While the two Academies of Art and Design in Karlsruhe and Stuttgart offer training in the classical arts (liberal and applied arts, artistic training), the University of Art and Design in Karlsruhe is a “media university”. Along with classic art and design subjects, it also offers a full range of courses on media arts. The universities of arts are extensively equipped with studios, workshops, computers, libraries and models. They also stage regular exhibitions.

POP ACADEMY
The Baden-Württemberg Pop Academy in Mannheim is the only college in Germany where it is possible to train for a career in the pop music business. The music business course prepares students for careers as band and record label managers and as marketing experts. The Pop Music Design course is aimed at future singers, musicians, songwriters, producers and DJs. The students produce their own music, from composition to CD, hone their performance skills and examine marketing strategies.

Universities of Arts and Music

KARLSRUHE STATE ACADEMY OF ART AND DESIGN
www.kunstakademie-karlsruhe.de

STUTTGART STATE ACADEMY OF ART AND DESIGN
www.abk-stuttgart.de

KARLSRUHE UNIVERSITY OF MUSIC AND PERFORMING ARTS
www.mhu-karlsruhe.de

STATE UNIVERSITY OF MUSIC AND PERFORMING ARTS MANCHESTER
www.umu-berlin.de

STATE UNIVERSITY OF MUSIC AND PERFORMING ARTS STUTTGART
www.mb-stuttgart.de

STATE UNIVERSITY OF MUSIC TROSSINGEN
www.mb-trossingen.de

STATE UNIVERSITY OF MUSIC BADEN-WÜRTTEMBERG
www.adk-bw.de

FILM ACADEMY BADEN-WÜRTTEMBERG
www.filmakademie.de

UNIVERSITY OF POPULAR MUSIC AND MUSIC BUSINESS
www.popakademie.de

STATE UNIVERSITY OF MUSIC AND PERFORMING ARTS MANNHEIM
www.mubo-mannheim.de

STATE UNIVERSITY OF MUSIC AND PERFORMING ARTS STUTTGART
www.mh-stuttgart.de

STATE UNIVERSITY OF MUSIC TROSSINGEN
www.mh-trossingen.de

FILM ACADEMY BADEN-WÜRTTEMBERG
www.filmakademie.de
Art is based on ability: in order to gain a place at the universities of arts and music, students have to provide evidence of their artistic or musical talent, normally in the form of an entrance exam.
PRIVATE UNIVERSITIES

Zeppelin University, Friedrichshafen
WWW.ZU.DE

German Graduate School of Management and Law, Heilbronn
WWW.GGS.DE

Merz Academy, Stuttgart
WWW.MERZ-AKADEMIE.DE

University of Jewish Studies, Heidelberg
WWW.HFJS.EU

SRH Fernhochschule Riedlingen
WWW.MOBILE-UNIVERSITY.DE

SRH Heidelberg
WWW.HOCHSCHULE-HEIDELBERG.DE

Karlshochschule International University, Karlsruhe
WWW.KARLSHOCHSCHULE.DE

Studying in Baden-Württemberg
Alongside the state-run universities, Baden-Württemberg has 28 private universities. Most of them specialise in a particular area and offer basic and advanced study programmes. A large number of these programmes can be pursued through distance-learning or alongside a full-time job. Unlike the state-run universities, private universities are almost completely financed by tuition fees. In order to ensure the quality of the education provided, the universities and courses have to be accredited and recognised by the state’s Ministry of Science, Research and Arts.

The Zeppelin University in Friedrichshafen takes a fresh approach in its positioning between business, culture and politics. This is reflected in its teaching and research activities, which are divided into three groups: corporate management and economics, communication and cultural management, and public management and governance. Here, students benefit from the close ties that the Zeppelin University has developed with businesses, and a wide range of other services.

For graduates of the Baden-Württemberg Cooperative State University, the universities of applied sciences and traditional research universities, the German Graduate School of Management and Law in Heilbronn offers Master’s courses that can be pursued alongside their careers. Students are trained and supported in their subject areas to become junior executives.

At the Merz Academy in Stuttgart, studies in design can be combined with media studies and cultural theory. This specialist course enables students to take on creative roles in design, the arts and the media.

Three church-run universities – the Protestant Universities of Applied Sciences in Freiburg and Ludwigsburg and the Catholic University of Applied Sciences in Freiburg – fulfil the state’s self-imposed requirement for subsidiarity by offering education in social work, education, healthcare and theology.

The University of Jewish Studies in Heidelberg is Europe’s only institution to offer such a wide range of courses on Jewish religion and culture. It is regularly consulted for expert opinions on current issues in the areas of politics, media, churches and schools.

Karshochschule International University in Karlsruhe is one of Germany’s top universities for business studies, according to the CHE ranking of German universities drawn up by the Centre for Higher Education Development and published in the weekly newspaper “Die Zeit”. Its teaching focuses on business and corporate topics and aims to provide students with a good grounding to help them quickly settle into their future careers.

The “Mobile University” SRH Fernhochschule Riedlingen allows students to pursue flexible, distance-learning courses. It has an excellent reputation in business and management, psychology, health, the natural sciences and technology.
Conducting Research in Baden-Württemberg

With its many excellent research institutes, Baden-Württemberg stands out from its global competitors. Its research universities, universities of applied sciences, the Baden-Württemberg Cooperative State University, universities of education and non-university research establishments focus on basic research. The institutes’ research is closely linked to business needs and make a particular contribution to the development of new technologies and technology transfer. Therefore, they open up new areas of technology for business.

Research at Institutions of Higher Education and Non-University Institutions

The nine traditional research universities are the main pillars of university-based research in Baden-Württemberg. The state is home to more research institutions than almost any other region in Europe, with:

- 3 centers belonging to the Helmholtz Association of German Research Centers (KIT, DKFZ, DLR with 2 locations and 6 institutes)
- 17 institutes and subinstitutes of the Fraunhofer Society
- 13 institutes of the Baden-Württemberg Innovation Alliance
- 13 institutes of the Max Planck Society
- 7 institutes of the Leibniz Association
- 9 German Health Research Centers
- European Molecular Biology Laboratory
- Heidelberg Academy of Sciences and Humanities

Young Researchers

Baden-Württemberg provides the very best young academics with targeted support in their doctoral studies and post-doctoral work. It offers a number of funding programmes, tenure track positions and a good balance of time limits.

Strategic Research Topics

Baden-Württemberg’s universities focus on the following research areas:
- Energy
- Industry 4.0
- Artificial intelligence
- Medical technology
- Mobility
- Physics
- Social sciences
- Environmental technology
FIND OUT MORE!

For more information on studying, living and working in Baden-Württemberg and about courses conducted in both English and German or English only, please visit [www.bw-studyguide.de](http://www.bw-studyguide.de).

For more information about courses run only in German in Baden-Württemberg please visit [www.studieninfo-bw.de](http://www.studieninfo-bw.de).

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We’re here to help.

Do you have questions about studying or conducting research in Baden-Württemberg? Perhaps you are thinking about pursuing your academic career in Baden-Württemberg, you are looking for partners for knowledge-sharing or joint research projects, or you would like to visit us to gain some first-hand impressions? Then Baden-Württemberg International is here to help: wissenschaft@bw-i.de

Baden-Württemberg International (bw-i) is the centre of competence of the German state of Baden-Württemberg for the internationalisation of business and science. We lend support to domestic and foreign companies, clusters and networks, research institutions and universities as well as to regions and municipalities by serving as the central first point-of-contact in all questions relating to internationalisation.

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