

STUDYING

in Schweinfurt

FHWS

Good reasons

to study and live in Schweinfurt

Pages 4 - 9

Made in Schweinfurt

more than ball bearings

Pages 26 - 27

Industry as partner

of FHWS and the students

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FHWS

 **SCHWEINFURT**
Zukunft findet Stadt



FHWS

Hochschule für angewandte Wissenschaften
Fachhochschule Würzburg-Schweinfurt

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Dear Interested Student,

I am very pleased that you are interested in studying in Schweinfurt.

The University of Applied Sciences Würzburg-Schweinfurt enjoys an excellent reputation nationwide as well as increasingly internationally; it offers excellent study conditions and is constantly evolving. With the new campus on the site of the former Ledward barracks as addition to our existing central university building in Ignaz-Schön-Straße, Schweinfurt is progressively strengthened as a student city and educational location.

Schweinfurt is also one of the most important industrial sites in Bavaria. A milestone for the city is the current research infrastructure expansion. Schweinfurt's city council has commissioned the Fraunhofer Institute for Production Engineering and Automation (IPA) to implement an i-factory, which will become the showcase of Industry 4.0 and, in the future, offer training and further education for skilled workers and employees in a real-world setting as well as provide companies with practical and innovative support for digitisation processes.

Our city is considered one of the most dynamic and innovative cities in Germany

and has one of the highest job densities in Germany. For you, this not only means optimal conditions during your studies, but also excellent future prospects after graduation.

Shape your future in Schweinfurt, because this is where the future comes from!

Sebastian Remelé
Lord Mayor



© Photo: Stefan Bausewein

FHWS

University of Applied Sciences
Würzburg-Schweinfurt

Dear Student,

University of Applied Sciences Würzburg-Schweinfurt (FHWS) has been offering a wide range of internationally- and application-oriented programmes since 1971. Approximately 6,000 students from Germany and abroad are enrolled in Würzburg and about 3,000 in Schweinfurt. With its TWIN bachelor's programmes, FHWS offers a unique opportunity in Germany to choose between German and English, change language while studying or take the same programme in both languages. After completing a bachelor's degree, students are also invited to take master's and doctoral programmes. With

its knowledge and technology transfer, institutes, founders' support as well as its Campus for Professional Development and Language, FHWS ensures lively networking in the regional as well as supra-regional and international economy. In order to produce excellently trained academics in the future, the FHWS Schweinfurt is expanding in the Ledward quarter.

The Free State of Bavaria intends to establish in Schweinfurt at FHWS a centre for intelligent robotics, which the university expects will exert a relevant impulse on the region and its economy. As of 2020, FHWS intends to offer this robotics study program, in cooperation with foreign universities, such as the Chinese Shenzhen Technology University

as "World Twin" in German and English in Schweinfurt as well as in English in other countries. The aim is to provide scientific support to companies in various industries for integrating intelligent robot systems into their work processes and further advance the Schweinfurt industrial location.

Have we made you curious about FHWS?
www.fhws.de

Professor Dr. Robert Grebner
President of the University of Applied
Sciences Würzburg-Schweinfurt



GOOD REASONS

To study in Schweinfurt

TWIN programmes unique in Germany

FHWS keeps pace with the times through applied research and digitalization

The University of Applied Sciences Würzburg-Schweinfurt, FHWS for short, welcomes its nearly 3,000 students enrolled in Schweinfurt to a young, international, especially technical-scientific university for applied sciences. Through its application-oriented research and digitalization, it keeps up with the times, promotes start-ups and through advanced training and languages on campus continuously offers skills and languages that turn graduates into sought after specialists at regional and international companies.

Teaching

At the Schweinfurt location, four of FHWS's 10 faculties offer 15 bachelor's and master's programmes. Above all, the study programme covers the MINT subjects (mathematics, information science, natural science, technology). Professors with multi-year practical experience provide application-oriented teaching and offer project work as well as a high proportion of laboratory and seminar exercises, often directly in and with companies.

Research

Keeping students up to date with technology, science, and applied research is indispensable. Students, doctoral candidates and professors have a wide range of research opportunities at eight interdisciplinary organised, application-oriented FHWS institutes.



New technologies and scientific developments are integrated into teaching and intensified in regional, national and international research projects.

Founding

As a cooperation partner with the Centre for Digital Innovations (ZDI), FHWS has an infrastructure prepared for potential founders. Founder

labs and networks, co-working spaces and incubators for start-up offices support, promote and train people interested in founding companies from the very first idea to market readiness and, together with a network contact person, also ensure possible financing options.

Digitalization

Digitalization is taking hold in all areas of life and work. FHWS is living up to this development through its digitalization strategy with contemporary, digitally supported teaching and research. Its labs use the latest digital hardware and software. In continuing education programmes, workshops and lectures even with company representatives, digital applications are continuously analysed, discussed and optimised.

Internationalisation

FHWS focuses on internationalisation and sets itself the goal of being a global university, where students from different countries study. With its so-called TWIN programmes, it offers a model that is so far unique and excellent in Germany. Bachelor's programmes identical in content to the corresponding German-language programmes are provided. This allows students to switch between the English and German courses during their studies.



Further education

The FHWS Campus for Professional Development and Language Proficiency offers courses for advanced training in various professional fields in cooperation with business and international universities. The programmes are developed for interested university and company employees, self-employed people as well as students.

© Photos: Stefan Bausewein FHWS



Degree programmes at the FHWS in Schweinfurt

- Business and Engineering (BA / TWIN)
- Business with Europe (MBA /in English)
- Electrical and Information Technology (BA)
- Electrical and Information Technology (MA)
- Logistics (BA)
- Mechanical Engineering (BA)
- Mechatronics (BA / TWIN)
- Product and System Development (MA)
- Robotics (BA / TWIN, WS 2020/21)
- Industrial Mathematics (BA)
- Business and Engineering (MA)

(Status: 3.6.2019)



If marked as TWIN, programme is offered in German and English; if not stated otherwise, all others are offered in German.

FHWS

University of Applied Sciences
Würzburg-Schweinfurt



GOOD REASONS

We provide more than industry and technology.
Schweinfurt - modern, multicultural, colourful and always exciting

Schweinfurt is often perceived "only" as a city of industry. But far from it: For Schweinfurt has undergone an impressive transformation - from a pure working-class city to a modern, multicultural, liveable place. Schweinfurt is also a city of schools, sports, art and culture.

Schweinfurt offers much more than industry and technology. Here are good reasons for living in the city on the Main River.

City of schools

The city bears this name quite rightly, due to its impressively diverse education offerings from primary school to university: 10 primary schools, 15 secondary schools of varying academic orientation, 1 specialised secondary school, 1 higher vocational school, 21 vocational schools, the music school and the University of Applied Sciences Würzburg-Schweinfurt.

City of sports

Sport-oriented city: With around 70 sports clubs and more than 21,000 members, Schweinfurt (with about 55,000 inhabitants) offers a wide and varied spectrum across all sports.

Here you can practice almost any sport, indoor or outdoor - from trend sports such as stand-up paddling (SUP) or bouldering. Or classic ones, such as football, ice hockey, tennis, cycling, in-line skating,





to live in Schweinfurt

skating, gymnastics, athletics, dancing, rowing, rock climbing, mini golf and golf or swimming in the indoor and outdoor pool Silvana as well as in lakes and in the Main River.



Low budget activities

You don't always have to pay for leisure activities: For example, the wildlife park Wildpark an den Eichen, the quarry pond, the system of weirs, the Main and its banks are ideal and above all free places where you can relax, chill out and do something with friends.



Daniela V.
Mechanical Engineering

I am 23 years old, studying Mechanical Engineering in the 2nd semester and living in Schweinfurt.

“ I like studying mechanical engineering because it represents the ideal combination of technical knowledge and practical relevance. In the case of mechanical engineering lab courses and projects, you have the chance to practically apply knowledge obtained and gain initial experience in diverse engineering activities. Because my studies include in-depth practice in an industrial Schweinfurt company, I also like the proximity of work and university. So there is still time left to visit the city's beautiful places, such as the wildlife park.



SOCIABILITY along

Short distances - great diversity.
Schweinfurt is pleasantly different and offers something special

Smaller, but nicer: Schweinfurt is a city of short distances and great diversity. Here you make friends quickly and enjoy the advantages of a manageable urban framework. Everywhere you will find beautiful places to relax - whether on the water, in the vineyard or in the centre of the city. The city on the Main also scores with its very good infrastructure, high quality of life and moderate cost of living. Schweinfurt is soothingly different.

City of art and culture

The art and culture scene in Schweinfurt is colourful and special with its Art in the Cube (Georg Schäfer Museum), art in the former swimming hall (Kunsthalle), jazz & cabaret in the Disharmony culture workshop and alternative club scene in the "Stattbahnhof" culture house. There is also an exquisite guest performance theatre and several cinemas - from the award-winning art house cinema to the multiplex.

Party culture

Night-life culture is an important factor in city life, because people in Schweinfurt like to celebrate often. Whether a Honky Tonk pub festival, city festival, street music festival, district church event, late summer folk festival, culture night, wine festival - there is always a reason to celebrate. And if there is no party, then the large, multi-varied pub scene attracts.





the River Main.



The surrounding area is also attractive

The surrounding area offers numerous opportunities for active leisure activities, such as climbing and mountain biking in the Steigerwald and Haßbergen or skiing in the Rhön. Canoeing on the Main, cycling tours through Weinfranken or the many wine festivals are also fun.



Elisabeth N.
Academic Staff
Serdar B.
Academic Staff

“ We as cyclists feel very comfortable in Schweinfurt, because many bicycle paths are being developed. You can quickly go by bike to the lake, where you can swim and barbecue. In addition, there are a variety of recreational opportunities: from jogging in the weir to swimming in the Silvana indoor/outdoor pool. In summer and autumn there are wine festivals fairs where you can enjoy delicious Franconian wine accompanied by live music. There's a beergarden where's the biggest schnitzel far and wide. You can party at Pure, Tant Suzie, Rockfabrik or in "Stattbahnhof".

Here
students are
the focus

STUDENTENWERK

So that studying not only succeeds, but becomes a time you like to think of. The Studentenwerk Würzburg currently cares for about 56,000 students in Würzburg, Bamberg, Schweinfurt and Aschaffenburg and is responsible for promoting students' economic, social, health and cultural welfare.

Help in all situations: Studentenwerk's counselling centres

Sooner or later, everyone enters one of the Studentenwerk's many canteens or cafeterias. However, the physical well-being is by far not the only thing the Studentenwerk takes care of. For example, it also ensures that students have an inexpensive roof over their heads. Thus, two student dormitories are operated in Schweinfurt. And as it is well known that studying

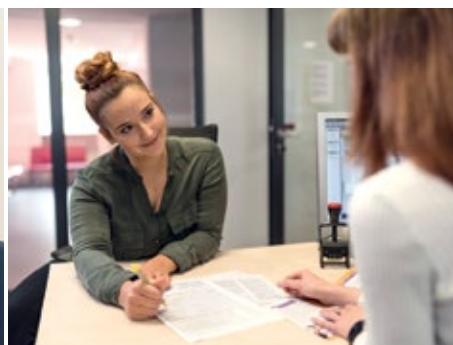
costs money, the Studentenwerk's BAföG department helps with all matters relating to student financing.

The Studentenwerk's psychotherapeutic counselling is often the first port of call for many students' urgent problems and can offer a great deal of relief. In turn, the social counselling team is happy to help with all problems and questions concerning student financing, handicapped status, international issues or even studying with a child. In addition, you can get legal advice on all matters relating to

tenancy law, employment law or civil law contracts. Student nurseries, where students with children can put their children in good hands, are also run by the Student Union. And because art, music, theatre - culture itself - can be at least as important as a good meal in the cafeteria, the Studentenwerk supports diverse student projects and institutions.

For more information about the Studentenwerk and all current dates, please visit:

www.studentenwerk-wuerzburg.de.



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WÜRZBURG



Tasty and inexpensive: Schweinfurt canteen and cafeteria

The Schweinfurt canteen and cafeteria with around 240 indoor and 120 terrace seats is located in the centre of the University of Applied Sciences' campus. In summer, the sun terrace and Chillout Lounge invite you to linger.

For a perfect start to the day, the cafeteria offers a comprehensive breakfast menu with selected fair-trade specialty coffees. Also in between, or to dine in the cafeteria, there is a rich selection of snacks - of course, vegetarian or vegan - for example, sandwiches, flat breads and sweet items. By the way, you should treat yourself to

the notorious XXL muffins, cream slices or cake and fruit pies. Of course, fresh fruit, tasty fruit salads and yoghurts are not missing.

Every day, around 500 meals are served in the Schweinfurt cafeteria - and the trend is rising, because only here can students eat well and inexpensively. The kitchen manager attaches great importance to the special quality of products processed by the Student Union canteen team. The varied food offers something for everyone: From the soup station to several daily-changing meal selection, vegetarian and vegan dishes, salad side dishes to the colourful salad bar as well as desserts - on and around the campus. Furthermore, there are always many action weeks - e.g. hamburger or Christmas weeks - on the menu.

Mensa FHWS
Campus Schweinfurt,
Fritz-Drescher-Str. 1,
97421 Schweinfurt

The current
opening hours as well as
the canteen-meal plan:

www.studentenwerk-wuerzburg.de/schweinfurt/essen-trinken/mensen





LIVING IN SCHWEINFURT

One thing is sure: Everyone finds the perfect shared flat - but it can take a while. Even in Schweinfurt it is becoming increasingly difficult to find suitable and affordable accommodation right away.

The Studentenwerk dormitories are an ideal way for students to live inexpensively and conveniently. In addition to accommodation, they also provide a great way to meet people and socialise.

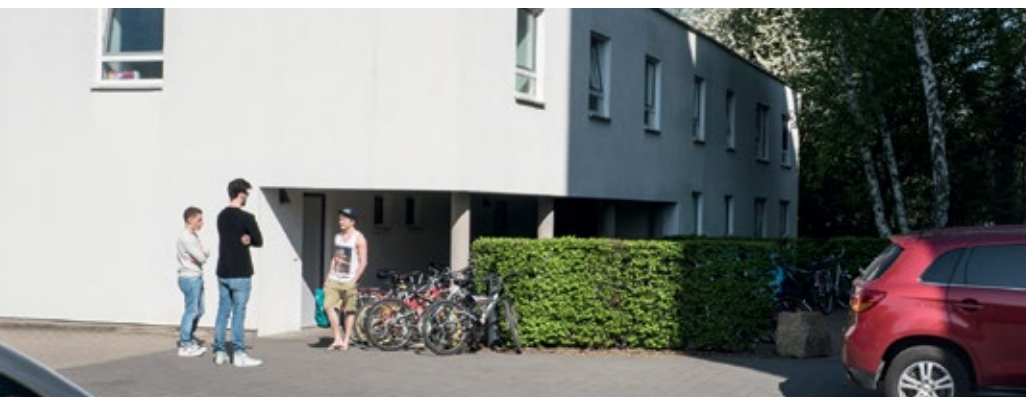
The dormitory on **Florian-Geyer-Straße 7/9** in Schweinfurt is only about 400m away from the FHWS Campus I in the Ignaz-Schön-Straße and about 1km from Campus II at Konrad-Geiger-Straße 2. A bus stop (lines 22, 23, 24, 25 and 29,

stop "Florian-Geyer-Straße") is at the doorstep. And on foot it takes about 20 minutes to reach the city centre.

The house was built in 1964 and completely renovated in 2000. Good shopping facilities, spacious rooftop terrace, parking lots and proximity to the FHWS campus make this dorm very popular. A total of 108 places, divided into single apartments and shared flats, offer students a nice home during their studies.

A second Studentenwerk dormitory is located at **Niederwerrner Straße 96** - thus approximately 700m from FHWS Campus I at Ignaz-Schön-Straße 11 and just over 1km from FHWS Campus II at Konrad-Geiger-Straße 2. The nearest bus stops are "Florian-Geyer-Straße" (Lines 22, 23, 24, 25 and 29) and "Beethovenstraße" (line 21).

This dorm is located on the conversion site of the former Ledward Barracks and has been used as a dormitory since 2016.



© All photos: DSW | Jan Eric Euler



SCHWEINFURT

Studentenwerk dormitories



Parts of the building were rebuilt and renovated in 2019. Here, too, 108 apartments in various shared flats and single apartments offer the predominantly international students in Schweinfurt a place to live.

Current rental prices and all other information about the dormitories: www.studentenwerk-wuerzburg.de/schweinfurt/wohnheime



On-line private accommodation service

Another way to obtain inexpensive housing is through the Studentenwerk's on-line private room accommodation service: Here, room and apartment offers are published by private landlords free of charge. The direct link to the online service: www.studentenwerk-wuerzburg.de/wohnen/privatzimmervermittlung/des-studentenwerks



All further information and many tips about accommodation: www.studentenwerk-wuerzburg.de/wohnen



MORE TIPS

Studentenwerk Würzburg

Studentenwerk Würzburg's tutoring programme

Tutors are students who spend part of their time welcoming, accompanying and supporting national and international students in the dormitories and making it easier for them to settle into the new environment. They make a valuable contribution to living together in the student dormitories. With creative ideas, they offer their room mates the opportunity to make social contacts and are the first point of contact for questions or problems. In addition, they help with orientation and familiarisation.

Each semester, tutors organise introductory events in the dormitories; there are also joint sports events, barbecue evenings, wine tours, pub evenings, sometimes a Weißwurst (white sausage) breakfast or a trip to the Christmas market on the programme - so you will not suffer from boredom as a student dorm resident!

All information about the tutoring programme and tutor contact details in Schweinfurt:

www.studentenwerk-wuerzburg.de/wohnen/tutorenprogramm/kontakt-daten-der-tutoren/schweinfurt



Student financing in Schweinfurt: Studentenwerk Würzburg's BAföG department

For more than 40 years, the BAföG has been the main source of study funding, in addition to supporting parents or a part-time job. Still: Only people who apply can be supported. After all, students have a legal entitlement to an educational grant if they or their relatives cannot afford the study and living costs. Depending on the respective income and assets, allowances can be deducted and various subsidies granted. For example, one can apply for education loans, student loans, graduation loans or scholarships.

All information about student financing, contact persons and their office hours as well as many tips about money:

www.studentenwerk-wuerzburg.de/geld/bafoeg



Help in all situations: Studentenwerk Würzburg's counselling centres

For personal and psychological problems, the Psychotherapeutic Counselling Centre offers its help. Students who experience crisis during their studies can get support here. A team of psychologists is happy to help - also students in Schweinfurt. Simply contact the psychotherapeutic counselling centre by phone during the registration hours and make a personal appointment. The consultation takes place in Würzburg.

Information about the psychotherapeutic counselling centre, contact details and office hours:

www.studentenwerk-wuerzburg.de/beratung/psychotherapeutische-beratung/anmeldung-in-wuerzburg-auch-fuer-studenten-aus-aschaffenburg-schweinfurt



Looking for a solution to social, economic or quite personal issues?

Studentenwerk Würzburg's social counselling service is the first point of contact for students and offers orientation and clarification on a wide range of topics: Study financing, studying with a child, international students, studying with a handicap or with chronic illnesses and general social counselling. Non-bureaucratic, free, absolutely confidential and very personal, the advisory team wants to help advance and improve students' experience.

All further information and contact details of social counselling:

www.studentenwerk-wuerzburg.de/beratung/sozialberatung/schweinfurt



Any questions about tenancy law?

Studentenwerk Würzburg offers legal advice for students. Whether tenancy law, employment law or civil law contracts: You obtain competent support here for legal questions and problems in different areas of law.

It is possible to receive advice by telephone or in a personal meeting.

All further information and contact details of legal advice:

www.studentenwerk-wuerzburg.de/beratung/rechtsberatung/schweinfurt



Remain mobile: Studentenwerk Würzburg's semester ticket

All FHWS students receive a semester ticket at a reduced rate when enrolling. The student ID card in the form of a personalised chip card thus serves as a ticket and entitles you to unlimited travel on the buses of Stadtwerke Schweinfurt GmbH. The scope covers all three tariff zones with the 34 bus lines of Stadtwerke Schweinfurt. A special line, "Campus Express," connects the main railway station Schweinfurt with FHWS sites.

Further information and all timetables are available at:

www.stadtwerke-sw.de/stadtbus

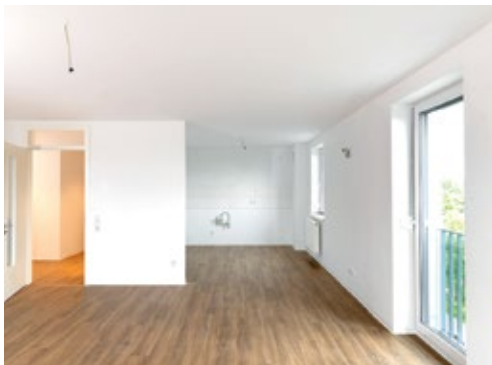




© Photos: SWG

WHETHER STUDIO OR SHARED APARTMENT

Students find a home in Schweinfurt with SWG



People who not only want to have a roof over their heads, but also want to live well and affordably, are in the right place at Stadt- und Wohnbau GmbH Schweinfurt, SWG for short, a 100 percent subsidiary of the city Schweinfurt. SWG's approximately 5,000 apartments provide a home for young and old, singles and families, traditional and unconventional lifestyles. The apartments are spread over the entire city area, with a focus in the largest Schweinfurt quarter, so-called Bergl. This quarter is bordered to the south by the main train station and is only a stone's throw away from the FHWS campus.

Living with the SWG

Because SWG attaches great importance to modern and affordable housing in Schweinfurt, every year around 40 apartments are

modernised and invested for about 5 million Euro. Especially students are welcome tenants. Whether one-room apartments or large apartments for shared flats - SWG responds to individual requests and advises accordingly. "Practice shows that it is often practical for students to share a flat. This way costs incurred, such as a deposit, can be shared," explains Michael Radler, SWG's authorised representative. However, people who prefer to live alone will find an SWG offer of friendly one-room flats.

If you are interested in an apartment at SWG, you can apply during the office hours. Office hours of the rental team: Monday, 8:30 - 12:30 and Thursday, 14:00 - 17:00. Alternatively, a prospectus can be downloaded via the website at www.swg-schweinfurt.de and submitted to SWG.

Stadt- und Wohnbau GmbH Schweinfurt

Klingenbrunnstraße 13
97422 Schweinfurt

Tel.: +49 (0)9721 726-0

Office hours of the


rental team:

Mon. 8:30 – 12:30

Tues. 14:00 – 17:00

www.swg-schweinfurt.de





FHWS Schweinfurt enjoys great popularity - continuously increasing student numbers, a wide range of courses and dual study opportunities require the FHWS's corresponding expansion. For example, as part of expanding the international FHWS i-Campus on the former conversion site Ledward Barracks, the new building for the Faculty of Business and Engineering will be constructed along Carusallee. In the future, 4,100 square metres of usable space on two floors will be available to lecturers, staff and students in lecture halls, seminar rooms, laboratories and offices. A special feature of the building is one of the most modern laboratories in Bavaria, in which virtual reality (VR) can be shown, used and researched.

FHWS has set itself the goal of becoming THE international university of Bavaria: On the FHWS i-Campus, conversations are also being held more frequently in English - especially at Schweinfurt, where most of the so-called TWIN programmes are based. These programmes are attended by students from more than 80 countries in parallel with German students in German and English language lectures. The FHWS i-Campus programme is accompanied by support programmes and language courses to guarantee linguistic, professional and cultural diversity as well as the promotion of all students' inter-cultural skills.

FHWS



2,915

Students studied during
the winter semester
2018/19 at FHWS
in Schweinfurt



i-Campus



WHY I LIKE TO STUDY



Kathrin K.
Logistics

I am 23 years old and studying Logistics in the 2nd semester.



I have found the perfect mix of economics, law and science in the Logistics degree and am very happy with it. I especially appreciate that FHWS is technically and internationally oriented.

Schweinfurt was the first choice as a place of study for me, because the city is on the one hand an important industrial location with globally active companies and on the other hand student life here is full.



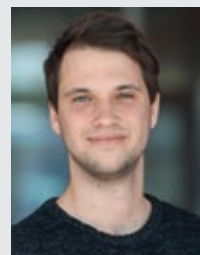
Philipp F.
Mechanical Engineering

I am 22 years old and studying Mechanical Engineering in the 4th semester.



The Mechanical Engineering degree programme meets my needs precisely because it contains everything that interests me in today's industry and technology.

Schweinfurt is ideally suited as a location, because it has played a huge role in the international roller bearing industry through history alone. FHWS is perfectly equipped. In addition, you can actively engage in student clubs such as Mainfranken Racing, the student council and much more, and even apply some of the knowledge you already learned during your studies.



Marcel G.
Business and Engineering

I am 23 years old, studying Business and Engineering in German in the 4th semester and live in a shared flat in Schweinfurt.



In the Business and Engineering degree programme, we have the opportunity to apply theory from lectures directly in various projects and laboratories. Inasmuch as the programme is offered in two languages, the lectures can also be heard in English. I have already met many interesting people from other cultures. With several cinemas, a quarry pond and many other cultural events, the city of Schweinfurt offers a wide variety of recreational activities.



IN SCHWEINFURT!



Anna M.
Business and
Engineering

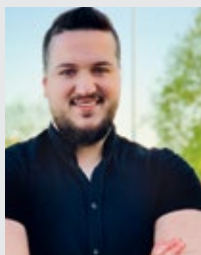
I am 21 years old, studying in the 4th semester at FHWS. I'm from Moscow, Russia.



Studying at FHWS was totally a great decision. Professors are super friendly and really care about their students.

There are so many organised events for students to make their student life a bit more fun. Also, FHWS is very internationally oriented. You would be able to meet students from all over the world.

If I were you, I would definitely choose FHWS.



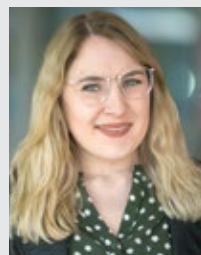
Yessr D.
Mechatronics

I am 30 years old, studying Mechatronics in the 4th semester and come from Syria.



FHWS is an international university and I feel very comfortable here. Professors are very helpful and we can always ask questions and get support. If studies sometimes very demanding, we can use tutorials.

Schweinfurt is more known as an industrial than a student city. Wrong, because the small city on the Main offers the perfect mixture of good infrastructure and labour market situation, relaxed atmosphere and a great leisure time offer.



Nadine G.
Business and
Engineering

I am 25 years old, studying Business and Engineering in the 6th semester and moved to Schweinfurt for my studies.



I chose Business and Engineering because I wanted to combine my business knowledge with my affinity to technology.

Schweinfurt is therefore optimal as a study city, because it is very much influenced by industry. FHWS works closely with companies, which is why the practice portion is extremely high.

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Simone Frieze



More about degree programmes and subject areas under
www.fhws.de/studium-an-der-fhws/studieren/studiengaenge/



OFFERS

For students and interested people

The University of Applied Sciences Würzburg-Schweinfurt FHWS offers general as well as individual study information and advice and invites you to its premises. It also visits schools and trade fairs (www.fhws.de/studienberatung).

Offerings at FHWS

For questions and orientation to studying, in addition to internet-based study orientation offers (<https://orientierung.fhws.de>), study counselling and programme advisors are available as contact persons.

Study information days (www.fhws.de/studieninfotag) are held annually in March in Würzburg and Schweinfurt.

People who want to make a first impression can become "Student for a Day"

and attend a lecture with a student, get to know FHWS facilities and ask personal questions. There is also the opportunity to visit selected lectures during the Whitsun holiday as part of trial study (www.fhws.de/schnupperstudium) and gain deeper insight into different degree programmes. On open house days, faculties offer lectures, workshops and visits to some of their approximately 100 labs.

Offered especially for school girls are Trial Days for Girls, Girls' Days

(www.girls-day.de) as well as researcher camps (www.tezba.de) in cooperation with the Bildungswerk der Bayerischen Wirtschaft e.V. and companies promoting MINT subjects (mathematics, information technology, natural sciences and technology).

Pupils who wish to study parallel to school can take an early study programme (www.fhws.de/fruehstudium) in the subjects Mechanical Engineering, Industrial Mathematics, Electrical Engineering, Computer Science and Mechatronics.





© Photos: FHWS, Stefan Bausewein, Stefanie Scherbel, Martin Keß, Eugen Peters



Offers at schools and trade fairs

FHWS, with its academic advisors, mentoring professors (www.fhws.de/betreuungsprofessoren) and study ambassadors (www.fhws.de/studienbotschafter), visits schools to authentically answer questions about studying by students, staff and professors. It provides support in the course of the P and W seminars (www.fhws.de/p-und-w-seminare), among other things through insights into study courses, professions and scientific work. In cooperation with the Young Researchers Initiative, it organises school visits on the topics of lightweight construction and energy with practice-oriented learning. FHWS is regularly represented with information booths at consumer and (high) school fairs. As part of study preparation, school groups can use the project "OrCa" ("Orientation Assistance for

Prospective Students in a MINT Project Camp") to complete practical projects and tests to determine the suitability of study- and practice-relevant competences.



<https://www.fhws.de/hochschule/best-fit/massnahmen/kompetenzfeststellung>



Detailed information at www.fhws.de/schule-und-fhws



hochschule_wue_sw_fhws



Hochschule Würzburg-Schweinfurt

Applied studying

Study at the University of Applied Sciences Würzburg-Schweinfurt is practical, application- and future-oriented. Project work, many laboratory and seminar exercises, practice periods during study and curricula, which are created by FHWS together with the Ministry of Science and industrial partners, prepare students and graduates optimally and accurately for future professional life as well as specialist requirements. Professors and lecturers have sound professional experience and come from the business world.

Due to its pronounced practical relevance, University of Applied Sciences Würzburg-Schweinfurt qualifies as a cooperation partner especially for companies in the region and beyond.



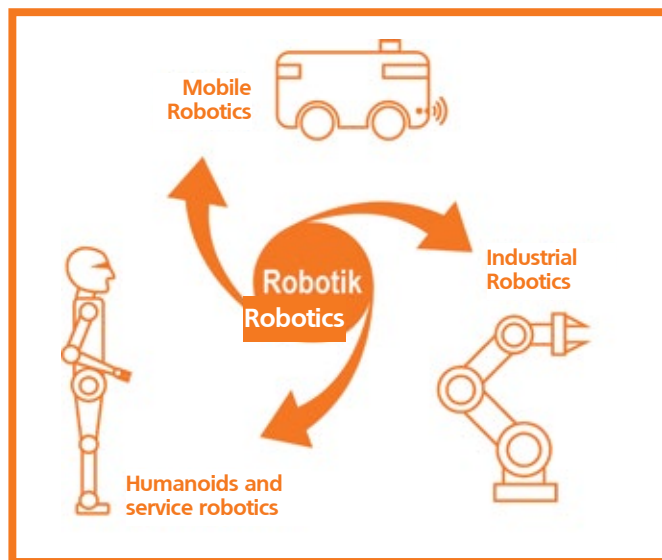
ROBOTICS

New offer from winter semester 2020

Robotics programme – unique in Germany

Become a robotics engineer with FHWS

Robotics is a rapidly growing industry. In addition to industry, robots are also finding broader application in many other areas, such as passenger and goods transport, agriculture, rescue and home affairs. This leads to a constantly growing demand for qualified robotics experts. University of Applied Sciences Würzburg-Schweinfurt (FHWS) recognised this development at an early stage and is the first university in Germany to offer a bachelor's degree programme entitled "Robotics." It starts in the winter semester 2020 and trains students in seven semesters (3.5 years) to become robotics engineers with the academic title "Bachelor of Engineering" (B. Eng.).



Robotics covers a wide range of topics. The robotics degree is accordingly broad and versatile. The curriculum includes special robotics lectures as well as subjects from the areas of electrical engineering and mechanical engineering as well as computer science. Computer science is prominent here, because it forms the basis for new applications, in particular Artificial Intelligence (AI). This is not only treated from a technological point of view in the degree programme, but also addressed from an ethical perspective. This is intended to sensitise budding robotics engineers early on and raise awareness of ethical responsibility in using AI technologies.

Another study focus is practical training. Each semester a separate module is provided in which students take part in degree programme experiments or independent project work. True to the motto "Learning by Doing," students gain experience in handling robots

at an early stage and develop practical skills that are indispensable for later professional life.

The degree programme aims to cover the topic of robotics holistically. It fulfils the requirements with an offer of three different specialisations, between which students can choose during their 6th and 7th semesters. Specialisations include "Industrial Robotics," "Mobile Robotics" and "Humanoid and Service Robotics." Industrial Robotics focuses on implementing and applying robots in production facilities. Mobile Robotics focuses on aspects of autonomous locomotion, including its platforms. Humanoids and Service Robotics addresses the service aspect as well as interaction with humans, e.g. via voice control or gestures.

FHWS is an internationally oriented university and has successfully offered so-called TWIN programmes for several years. These are English-taught degree programmes having the same curriculum as their German-taught twins. With the robotics programme, the success story of the TWIN concept is being updated and an English-language degree programme entitled "Robotics" has been set up in parallel with the German taught Robotics degree programme. This is not only attractive for students preparing for an international career, but also for dual-track students of globally active companies who, in addition to subject-specific competencies, also want to develop linguistic and inter-cultural skills.



Robotics - A technology perspective for Schweinfurt

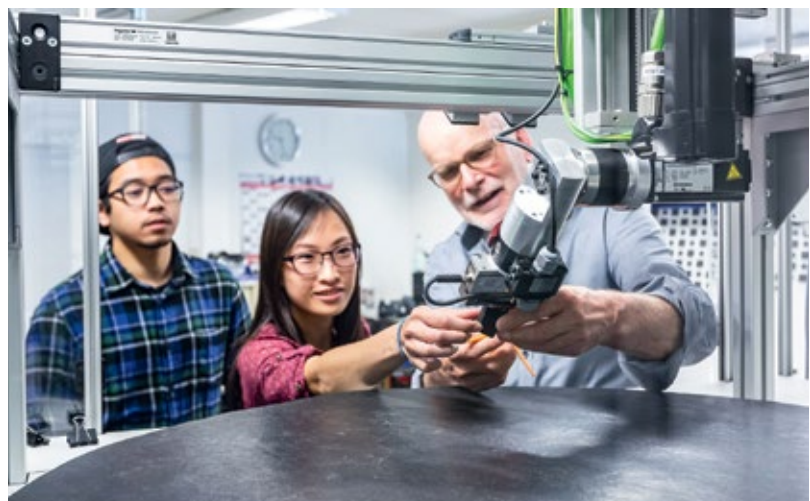
Prof. Dr. Jean Meyer

With the Robotics degree programme, FHWS opens the door to an exciting and highly up-to-date field of technology. Schweinfurt offers the ideal setting for this. In addition to the generally good study conditions, Schweinfurt is also particularly attractive to robotics students due to its large number of manufacturing companies. Many local companies are using robots in production and are increasingly focusing on robotics as part of their digital transformation.

FHWS intends to support this change by using the robotics degree programme to leverage synergies between the university and industry. Impulses emanating from this have the potential to develop Schweinfurt into a lighthouse of robotics whose visibility extends beyond the borders of Lower Franconia.

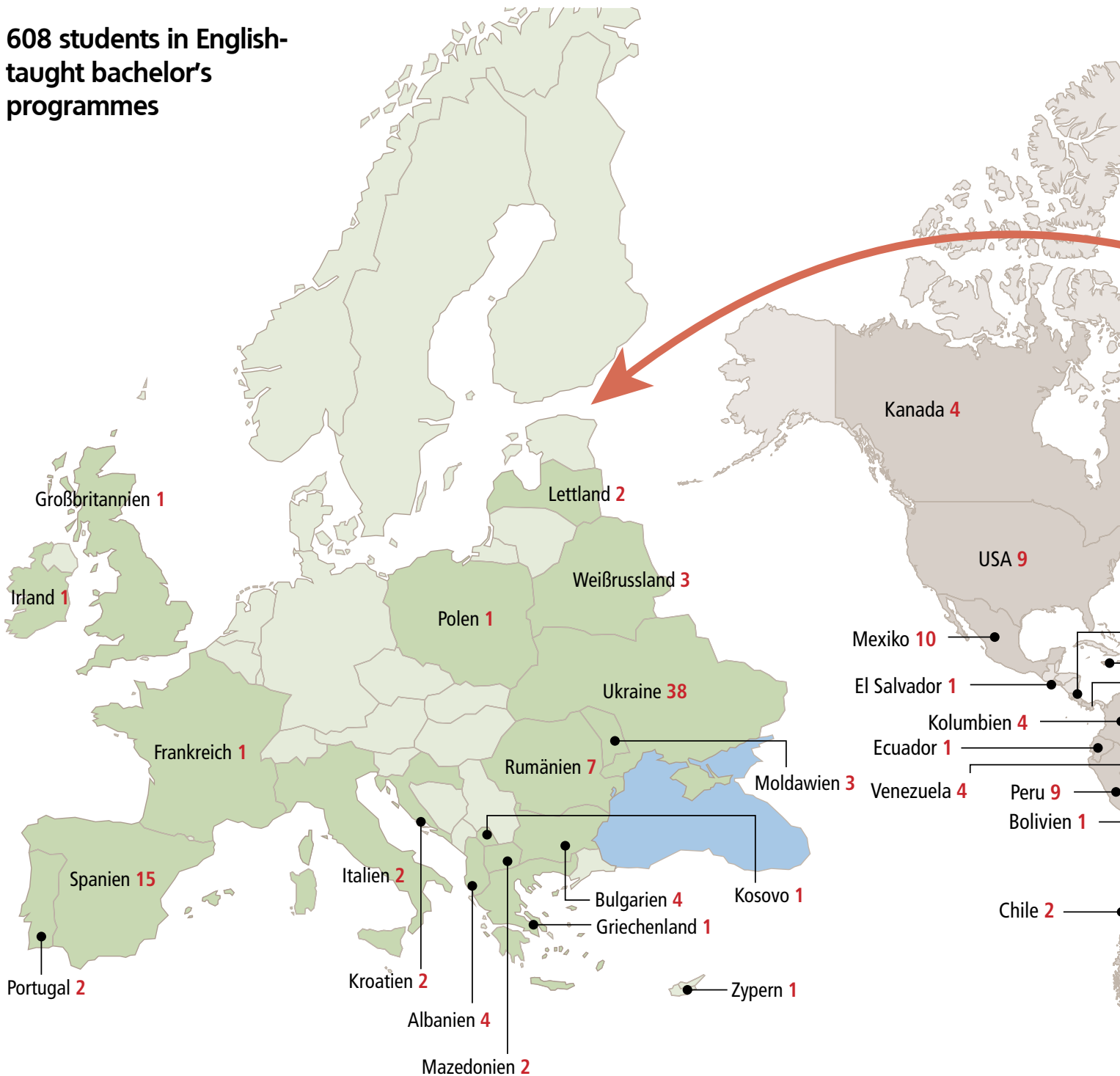
FHWS

Hochschule für angewandte Wissenschaften Würzburg-Schweinfurt



STUDENTS FROM ALL

608 students in English-taught bachelor's programmes



FHWS attracts students to the Main – making international friends quickly

They come from New Zealand, the Fiji Islands, Brazil, Mauritius, Madagascar, Azerbaijan, Russia and Turkey. Schweinfurt is their common goal. In order to study and live here, 1,377 foreign students enrolled

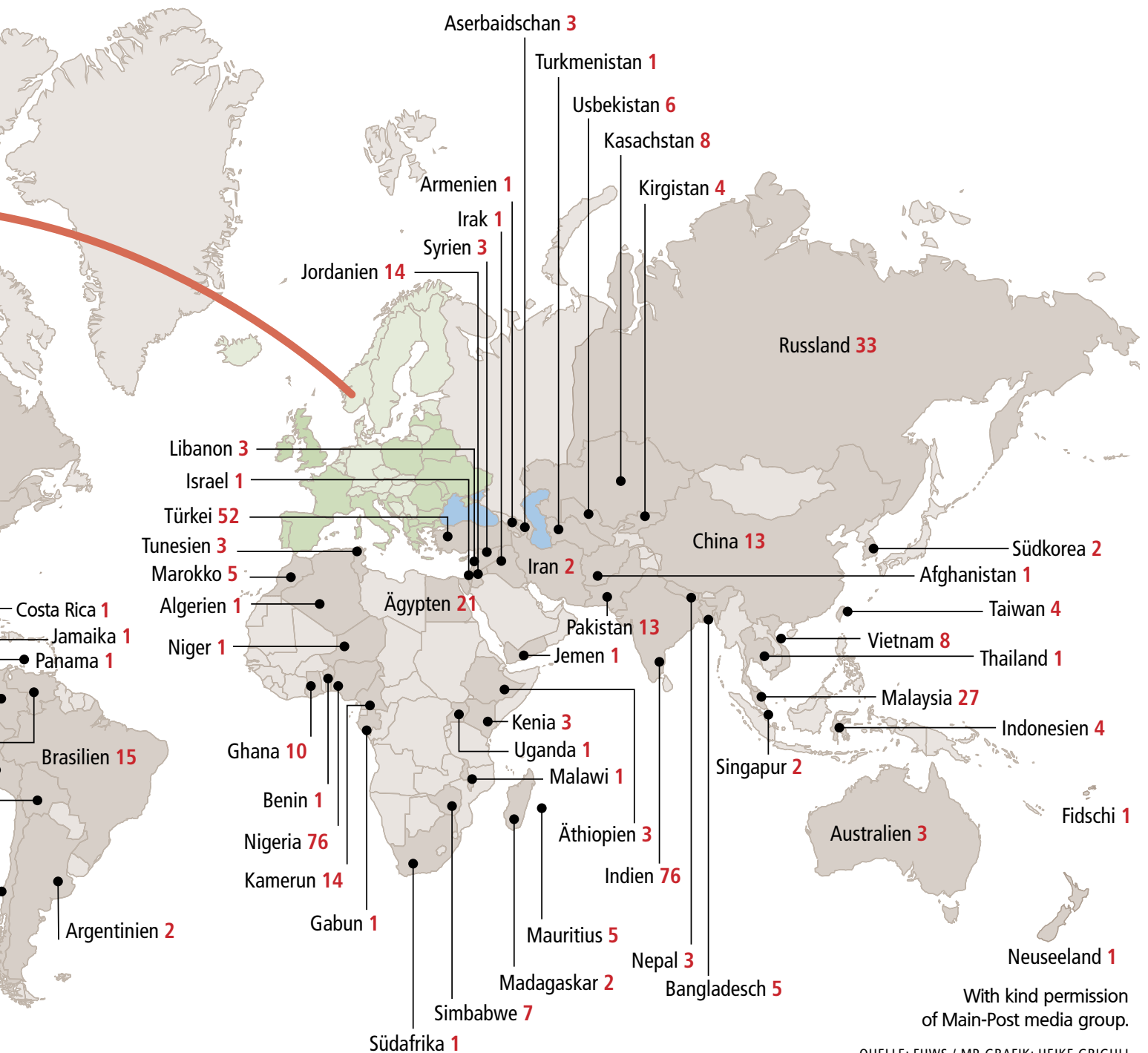
for the winter semester 2018/2019, some of them are studying in German at FHWS, others taking advantage of the bilingual TWIN programmes.

Schweinfurt becomes even more international through FHWS and the many young people who come to the Main from all over the world. The University of Applied Sciences pays particular attention to

further internationalisation by continuously expanding its offers. Of course, the business location Schweinfurt with its global players is also a major pro-argument for students: After all, companies offer internships, dual studies and attractive job opportunities after graduation. The city of Schweinfurt also wants young people to feel at home on the Main. Schweinfurt - small, but fine. Here, on the one hand,

OVER THE WORLD

Status: Winter semester 2018/2019



With kind permission of Main-Post media group.

QUELLE: FHWS / MP-GRAFIK: HEIKE GRIGULL

you can concentrate wonderfully on your studies, but on the other hand, you can also quickly get connected and make many new friends. Anyone who comes to Schweinfurt as a rather young person from the other side of the world can suffer a culture shock. To prevent this from happening, FHWS accompanies students from their first interest through their first weeks in Schweinfurt and organises

among other things trips to Berlin and Munich, in which German students also participate.

There is also the "Buddy Programme" which brings together students from various cultures and different semesters. For example, "Welcome Buddies" (higher semester students) help newcomers orient themselves at the beginning of their

studies so they can start studying more easily. Unfortunately, FHWS does not currently offer an English-speaking master's to the international bachelor's programmes. For this, many graduates receive pledges from renowned universities in Munich or Aachen. However, FHWS sees this as a confirmation and quality mark for the outstanding education in Schweinfurt.

MADE IN SCHWEINFURT —

Mention Schweinfurt and one thinks of industry, ball bearings and high-tech products. It is impressive that components made in Schweinfurt are installed everywhere.



London Eye

The "London Eye" has been on the banks of the Thames River since year 2000.

Europe's tallest ferris wheel has become a landmark of the British capital. From the beginning a part of it: Spherical roller bearings made by Schaeffler Schweinfurt. With an outside diameter of 2.5 metres, they ensure the smooth turning of the more than 2,000-ton giant wheel, also called the Millennium Wheel.

© Schaeffler



© SKF

Sven Wingquist Test Centre

With the Sven Wingquist Test Centre, SKF has a globally unique testing facility in which large-size bearings are tested under extreme, real conditions and not just simulated. Rolling bearings of up to six meters in diameter are exposed to a unique combination of dynamics, maximum forces and bending moments. This makes the test stands an important tool for developing new performance classes and delivering always reliable solutions.

Franconian gold

It is also called the "Franconian Gold": This refers to the delicious Franconian wine in the Bocksbeutel bottle, which connoisseurs consider to be the best in the world. Schweinfurt has been home to the Dahms wine-growing estate for years, and its festivities on the Peterstirn delight friends of the noble grape juice. Along the Main, there are also numerous wine villages, which also invite you to enjoy happy, social events with familiar locations such as the Escherndorfer Lump or Volkacher Kirchberg.



© Florian Trykowski



© iStockfoto

Hamburger

Whoever enjoys a "Long Chili Cheese" burger at Burger King, eats a Schweinfurt fast-food product. Because the jalapeños are processed by the company Kühne in its Schweinfurt plant in Sennfeld (district of Schweinfurt).



© ZF

Tour de France

Many cyclists use bicycle components made by SRAM.



© Pixabay

Motor sport

ZF supplies teams and manufacturers in international racing series ranging from Formula 1, Formula E and DTM to the Dakar Rally with high-tech products such as shock absorbers, clutches and electric drive trains.

Sporting achievements and innumerable world championship titles repeatedly prove the technical competence and reliability of ZF products under the toughest operating conditions.

MORE THAN BALL BEARINGS

So many people in Schweinfurt had brilliant ideas in former times. Here is a small overview.



© Fresenius Medical Care

Dialysis machines

Fresenius Medical Care is the world leader in dialysis products and services. In Schweinfurt, the company produces among other things the 6008 CAREsystem dialysis machine. It optimises dialysis treatment and makes it even more economical.

The 6008 CAREsystem stands for reduced complexity that minimises the required operating steps during the dialysis procedure.



© Senertec

Miniature Wonderland

Linear technology from Bosch Rexroth Schweinfurt at the smallest airport in the world: The Knuffingen Airport of Miniature Wonderland in Hamburg has handled around one million flights since it opened in 2011. Model aircraft designed with the smallest detail start and land deceptively real. The high precision and service life of the linear axes installed is a decisive factor for the perfect operation of this ambitious project.



© Miniatur Wunderland Hamburg

Dachs heats up

The company Senertec manufactures small combined heat and power plants of the brand named "Dachs" in Schweinfurt.

Visitors to the Deutsches Museum München can learn from a combined heat and power plant made by Senertec how the combined heat and power made in Schweinfurt works.



© iStockfoto

Art

The "Schweinfurt Green" is a colour that was used by Vincent van Gogh, among others. The industrial production of the bright green with improved formulation began around 1808 in Schweinfurt in the Wilhelm Sattler paint and white lead factory.

Due to its toxicity, the dye may no longer be used in Germany.



© Pixabay

Bicycle

Several people in Schweinfurt were the "fathers" of the bicycle as we know it today:

In 1853, Philipp Moritz Fischer fitted an impeller with pedal cranks on the front axle.

Later, Ernst Sachs applied for a patent for the first bicycle hub. The company Fichtel & Sachs was known for the torpedo free-wheel hub.

From 1921, Engelbert Wiener produced wheels in Schweinfurt - today under the name Winora.



© Pixabay

Football

Previously, footballs consisted of air-filled pig bladders wrapped in leather and tied in one place. The knotted spot was called Schnüdel, the still-valid nickname for the Schweinfurt football team.

Schweinfurt master tinsmith Fritz Stöcklein built a check valve in 1920, which made the lacing on the balls superfluous.



WORLD MARKET LEADER IN DIALYSIS MACHINES:

The production and development facility of Fresenius Medical Care in Schweinfurt

Fresenius Medical Care is the world's leading provider of products and services for people with chronic kidney failure. About 3.4 million patients worldwide with this disease regularly undergo dialysis, a life-saving blood cleansing procedure that substitutes the function of the kidneys in case of kidney failure.

In its global network of around 4,000 dialysis clinics in North America, Europe, Latin America, Asia and Africa, Fresenius Medical Care treats over 340,000 dialysis patients. The company is also the world leader in dialysis products such as dialysis machines, dialyzers and related disposables.

At its production and development facility in Schweinfurt, Fresenius Medical Care employs more than 1,200 people and has been producing dialysis machines since 1979. Nearly every second dialysis machine sold worldwide in 2018 came from Fresenius Medical Care. Over the past four decades more than 800,000 dialysis machines have been produced at the Schweinfurt site, which is also home to the company's largest research and development group.

That looks set to continue: Fresenius Medical Care is investing around €20 million in a new, 8,000-square-metre technology centre at the Schweinfurt

facility for the development and production of dialysis machines. Around 250 employees from both areas will work together on a project-related basis under one roof.

Dialysis machines are among the key products for blood purification of chronic kidney disease patients. They pump the patient's blood through a dialyzer – a filter sometimes called the "artificial kidney," which removes impurities and toxins – while monitoring blood circulation and adding anticoagulants. A dialysis treatment usually takes three to six hours, three times per week.



FRESENIUS MEDICAL CARE

In Schweinfurt, Fresenius Medical Care management and employees are also proud of the high quality of training. In 2018, the Kammerwinner (Chamber Winner) award from the local Chamber of Industry and Commerce once again went to a trainee from the facility, while another trainee received a state prize from the regional administration of Lower Franconia.

In addition, a trainee from Schweinfurt received the Fresenius Education Award, which the company created to honour outstanding graduates each year.

A third of Fresenius Medical Care's employees in Schweinfurt work in

research and development. The company offers internships, work-study and holiday jobs in Schweinfurt, and cooperation placements are possible for students doing their graduate theses. Enrolled students and graduates can easily apply via Fresenius Medical Care's careers website, and unsolicited applications are welcome.

<https://karriere.fresenius.de/en>



© Photos: Fresenius Medical Care

SKF[®]

SKF – a world of reliable rotation

skf.com



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THE MOST IMPORTANT THING RIGHT AT THE BEGINNING: We can really be proud of the strong identification of our employees with their employer SKF. What is this strong bond based on? Perhaps on our friendly corporate culture, which is influenced by Swedish fused with German characteristics: We maintain open, collegial and uncomplicated dealing with each other and create additional proximity with flat hierarchies and open doors.



The system makes it really round

Precision rolling bearings and bearing units are already an art in and of themselves. But if it should run as smoothly and properly as possible, then it needs more. Likewise crucial are lubrication system, seals and service. Only people who understand and keep an eye on the entire system can deliver the bearing performance required today in high-performance machines and systems. SKF's knowledge of this system and its extremely broad range of competencies make the company a highly attractive employer.

SKF's technical expertise

Bearings and bearing units

The wide range of rolling bearing styles provides customers with high quality, high performance, low friction standard solutions and custom solutions for all types of applications. The units are product combinations that are grouped together as system solutions for excellence.

Seals

SKF offers innovative solutions made of elastomeric or specialty plastics to meet the needs of a wide range of industries for static and all-round seals, piston and roller bearing seals.

Service

SKF takes into account the complete life cycle of a given system. Even the construction phase is accompanied by various services in technical consulting, research and development. Permanent condition monitoring helps avoid unplanned plant downtimes and thus reduce costs.

Customers can also book a wide range of training on bearing-related topics world-wide.

Lubrication systems

SKF offers products, solutions and comprehensive advice about industrial lubricants, lubricant distributors, lubrication assessment, lubricant analyses, lubricant recommendations and automatic lubrication systems - to keep the plant running "smoothly."

Where the future already takes place

SKF not only manufactures products for state-of-the-art machinery and equipment, but also started some time ago a global offensive to digitise and interconnect its manufacturing facilities.

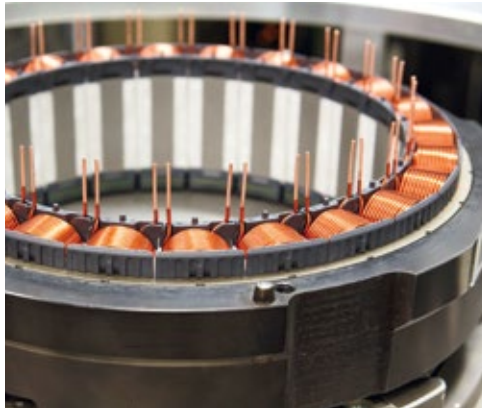
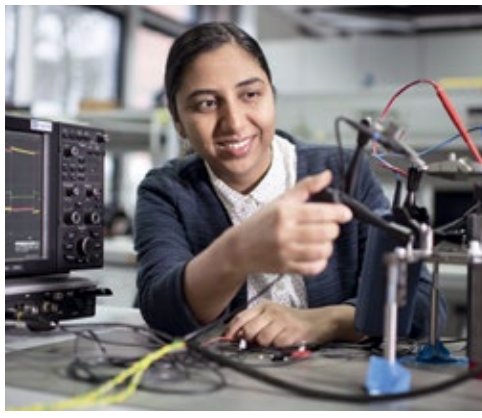
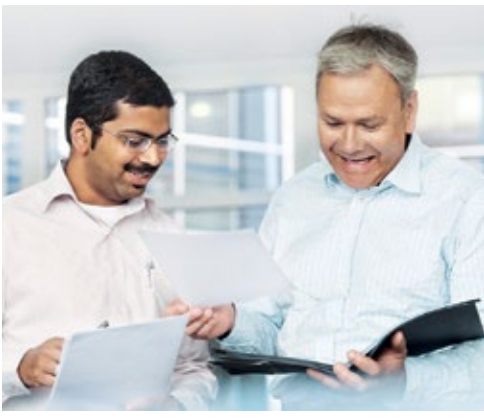
In Schweinfurt alone, the Group has invested around 90 million Euros over the past two and one-half years. Industry 4.0 has already become reality here - three examples:

- In the new World Class Manufacturing channels, our bearings are produced on fully automated and interlinked robot systems.
- Rebuilding the large logistics centre at the Schweinfurt location raises SKF logistics, which is already regarded as a benchmark, to yet another level. Here, computer-controlled transport systems travel at breakneck speed through the high-bay warehouse to deliver goods to customers in record time.
- The Sven Wingquist Test Centre, which opened in 2017, is home to two novel and gigantic test benches. Both use precise test methods to bring insights into the light of day, with which enormous improvements can be made to large-scale construction, for example achieved in the wind power industry.

In Germany, SKF counts around 6,600 employees. Of these, about 4,100 people work in Schweinfurt, the headquarters of SKF GmbH and Group's largest production site.

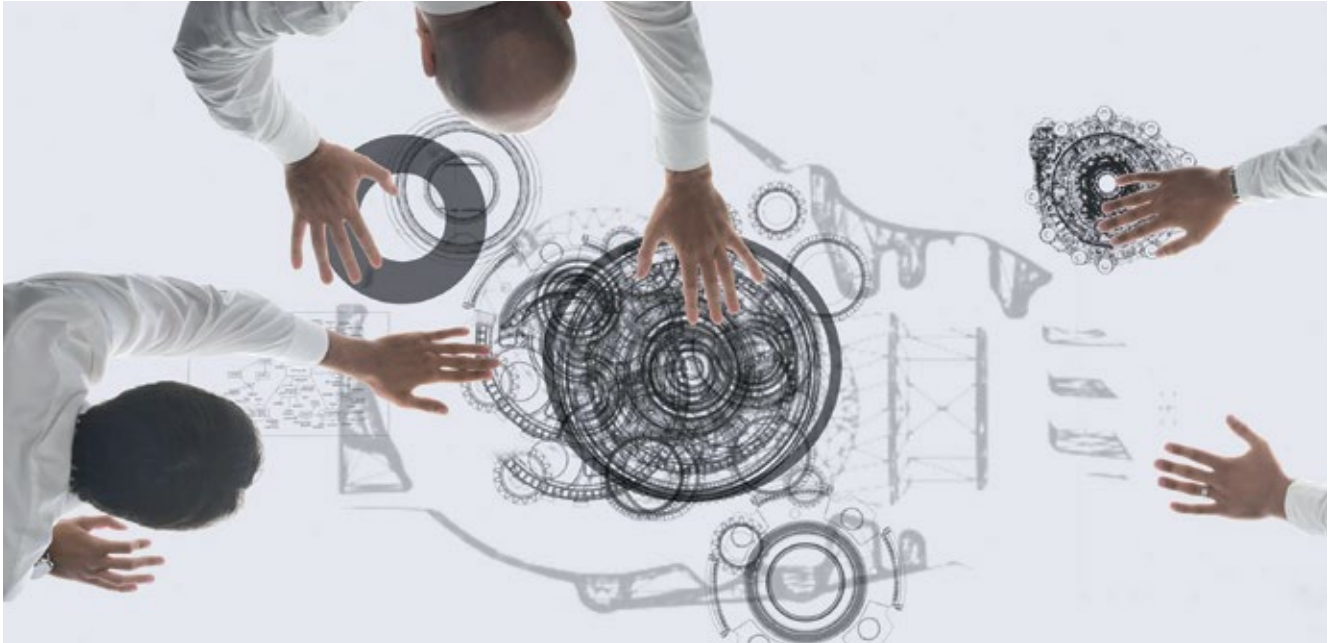
www.skf.de/karriere





ZF "Vision Zero" - Mobile future without accidents and emissions

Are you committed? Do you want to be at the forefront and have international success? Are you looking for a fair and reliable employer and do you enjoy working in a team? Do you want to take responsibility and grow with us? Then come to ZF and design the mobility solutions of tomorrow with us.



About ZF

ZF Friedrichshafen AG is a leading global technology group in drive and chassis technology as well as active and passive safety technology. With 150,000 employees at 230 locations in 40 countries, ZF is one of the world's largest automotive suppliers. ZF is the largest employer in the Lower Franconia region, and has been rooted in Schweinfurt for around 125 years.

Next Generation Mobility

We develop concepts and ideas for the mobility of tomorrow. With our extensive portfolio we improve mobility and services for cars, commercial vehicles and industrial technology applications. We network powerful, mechanical systems with digital know-how. Our electronics expertise helps vehicles see, think and act. With our products, we are pursuing "Vision Zero," a mobile future without accidents and emissions, and are getting a little closer to that goal every day.

Next Generation Mobility stands for two main priorities: Electromobility and mobility concepts. Specifically, we are intensively involved in producing electric and hybrid drives.

We also work on holistic mobility concepts for cities or other environments that ensure clean and personalised mobility.

Our innovative power combines classic mechanical engineering with the digital world. Our financial independence enables us to make the right investments in research and development in the future as well. For this purpose, we invest more than 6% of our sales annually.

Interdisciplinary and international career opportunities

Internationality is a characteristic of our corporate culture. We see diversity not just as an opportunity but as a necessity to live up to our pioneering role in a wide variety of industries on the world market. Our training programmes and career paths are interdisciplinary and internationally oriented. Accordingly, we offer our employees a variety of international applications.

Job, family and leisure

We make sure our employees have a balance between work, family and leisure time. We ensure an equalised work-life balance. For this purpose, we offer a

variety of ways to personalise one's own work. Flexible working hours, mobile work and many more offers ensure the high attractiveness of our workplaces worldwide.

ZF is a fair and responsible employer and we view our work and our products holistically, in the context of employees, families, society and the environment. This starts with investing in people through performance-based and structured development and extends to sustainability throughout the supply chain.

Are you still in the middle of your studies, shortly before graduation or do you already have the degree certificate in your pocket? No matter what situation you are in, you can join us at any time. We offer attractive entrances as intern, trainee, working student or holiday jobber. Help us make the mobility of tomorrow safer, more efficient, more comfortable and cleaner!





On the future track

The variety of entry and promotion opportunities make Bosch Rexroth an attractive employer

At Bosch Rexroth, employees create a piece of the future. With their ideas for digital and networked solutions, they help make factories in the sense of Industry 4.0 more efficient, flexible and productive. In doing so, they actively build the factory of the future in which everything except the floor, roof and walls can be changed. Thus, production adapts to current market needs.

Bosch Rexroth supports this change with state-of-the-art drive and control technology. Our technology ensures efficient, powerful and safe movement

in machines and systems of all sizes. At more than 80 locations around the globe, more than 32,000 employees are committed to tailor-made system solutions and services.

The long-established company is part of the Bosch Group and offers hydraulics, electric drives and control systems, gear technology as well as linear motion and assembly technology - including software and interfaces to the Internet of Things. By this means, Bosch Rexroth generated sales of around 6.2 billion Euros in 2018.

Bosch Rexroth in Schweinfurt – tradition and modernity

Bosch Rexroth Schweinfurt's location already has a more than 100-year-old tradition and belongs since 2001 to Bosch Rexroth AG. Today Schweinfurt is home to the business unit "Linear Motion Technology," which deals with research, production and sales of of linear motion technology.

Around 1,700 employees here produce linear guides and axes that are used in mechanical engineering and factory automation systems.



© Fotos: Bosch Rexroth

Working students make optimal use of time outside their lectures and gain valuable practical experience in team- and project work. For the final thesis (bachelor or master), challenging questions are offered about practice-relevant topics - including assistance for problem solving.

The PreMaster Programme is designed for students who would like to gain practical experience before starting their master's studies. Here, things learned are applied and new perspectives open up.

At Bosch Rexroth in Schweinfurt many doors are open to you. In all cases a motivating environment awaits you: Our teams are often interdisciplinary and international, the working atmosphere promotes ideas and innovations. Start your successful future! Your entry is just a click away:

www.boschrexroth.de/karriere



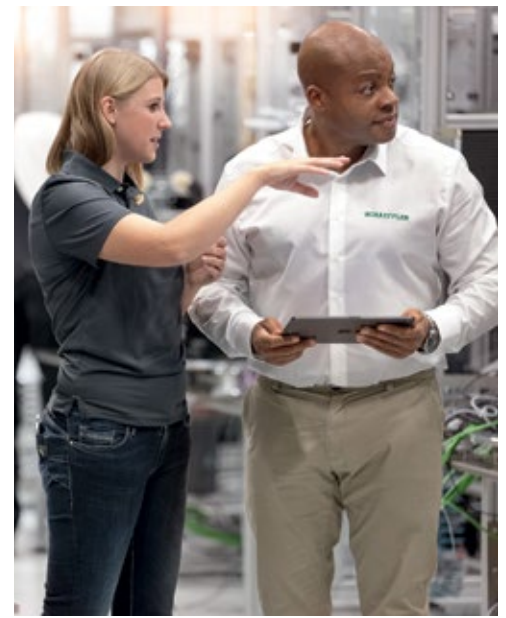
Digitisation and networking are also key issues in Schweinfurt online tools for selecting and configuring mechanical components have become standard. That's how designers can visualise an optimal solution within minutes, with which individual requirements for gripping, lifting, turning, positioning and depositing can be met precisely. Speaking of the future: We are already integrating sensor units into our linear motion technology and are thus constantly monitoring the machine condition - based on a wealth of process data. In this way we want to automate the entire process from wear detection to ordering spare parts.

Which entry fits you?

Bosch Rexroth's versatility is also reflected in its entry-level programmes. Depending on personal interests and study progress, we offer different options. During the pre-study and basic internship, participants gain first practical experience in a globally operating company.

Study-accompanying internships provide valuable insights into everyday working life. As a fully-fledged team member, interns work independently on solution proposals and check their suitability for practical use.





Get the perfect start

Our company has been firmly established in Schweinfurt for many years and is committed to providing excellent educational and career opportunities there. Whether you are taking part in Formula Student, an internship, an integrated degree program, or a traineeship, we are a future-oriented company that offers a wide range of ways to start a successful career.

Gain practical experience with Formula Student

We support a wide range of exciting educational projects in Schweinfurt. The lecture series "How does a company work?" at the Würzburg/Schweinfurt University of Applied Sciences (FHWS) provides an in-depth insight into the corporate world, and students can use the students' open day to find out more about future job opportunities, pick up professional tips for applicants, and take a plant tour to learn about the state-of-the-art manufacturing technologies used in a globally active company.

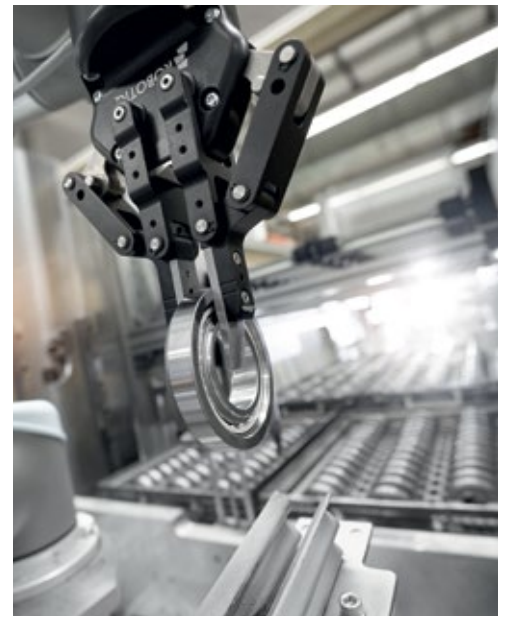
Formula Student offers budding engineers the opportunity to literally experience theoretical knowledge in practice: University teams develop, construct, and market their own race cars. They then compete against each other in various disciplines at events throughout the world and in the Formula Student Germany final at the Hockenheimring. Schaeffler supports the FHWS team and is a Formula Student sponsor.

Learning from each other

Making complex projects a reality: An internship at Schaeffler makes students an integral part of the team. During the design process, they can turn theoretical knowledge from their studies into practical experience. Working student placements are perfect for anybody who wishes to expand their professional horizons and earn some money at the same time while at university. Every degree program ends with a final thesis – and a question that often arises is what should be committed to paper. We offer a range of interesting and engaging topics to students of various disciplines. Budding graduates benefit here from our expertise and individual supervision, and obtain an in-depth specialist knowledge of future fields of work.



© Photos: Schaeffler



with SCHAEFFLER

Study with enhanced practical elements

We combine the best of both worlds when it comes to degree programs with intensified practical elements in the fields of mechanical engineering and mechatronics. Over a period of three-and-a-half years, students get to gather practical experience at Schaeffler while learning the theoretical side at university. This collaboration with the FHWS brings together lectures and practical work experience in Schweinfurt. To gain a deeper insight, students can participate in design, development, and project work and become involved in various specialist departments. They can also look forward to attractive pay and excellent chances of becoming a full-time employee.

After university? Traineeship or direct entry

University graduates starting their careers at Schaeffler begin with a structured introductory training phase as part of either a direct entry or a trainee program. Our trainee programs provide an excellent start to your professional career and prepare you for challenging positions at Schaeffler. Over a period of 18 to 24 months, new entrants spend time in a range of core and elective departments. This program is available in departments that include Operations, Quality, and Finances.

Curious?

We will be happy to answer any questions you might have at the "Praxisforum" at the FHWS and Schaeffler's student open day in Schweinfurt. For full information about study and career opportunities at Schaeffler, visit

www.schaeffler.de/careers



SCHAEFFLER



Springboard for start-ups at FHWS



© Photos: Katja Klein, Simone Friese, Annika Bieling, Monika Waschik (all FHWS)

From the idea to the foundation

FHWS - a competent partner for start-ups

Perspective - self-employment?

Is self-employment after my studies an option for me and what knowledge and attitude does one need? With such questions, students of all disciplines can rely on the consulting team located in the Campus Applied Research (CAF) and BEST-FIT project PIONIER module. In order to gain initial insights into founding one's own company, FHWS offers, for example, the weekly German-language lecture series *gründen@fhws* and the English-language compact week *startup@fhws*.

Challenge - Idea?

Motivation of students is very different: Ideas are either born fresh through creative workshops or something concrete is brought along and needs further shaping. The Schweinfurt Start-Up Club@FHWS, a weekly gathering of German and international students, supports this by discussing ideas with each other as well as by exchanging legal and technical possibilities for starting a business in Germany. Participation is open to all study fields free of charge. In cooperation with the city of Schweinfurt, the learning and teaching room Chancen Center is making a further contribution to promoting start-up activities in the region. New technologies can be tested here and provide new insights into the feasibility of prototyping. The Chancen Center, for example, has FHWS's own EOS M290 laser sintering machine at the newly founded Institute for Digital Engineering (IDEE) for use by young entrepreneurs as well as small and medium-sized companies in the region.

Venture - jury?

A first entrepreneurial venture is taken by the students when their idea meets experienced company personalities. As part of the CAMPUS Start-up NIGHT, all start-up-oriented teams undergo all stages of a business start-up in four consecutive workshops under professional guidance - from brainstorming through the business management model to testing and final presentation in front of a panel of experts. The goals are to gain knowledge and feedback, exchange experiences, build networks and show the opportunities and challenges of entrepreneurship.

Accompaniment - network!

FHWS is a cooperation partner in the Centre for Digital Innovations (ZDI) Mainfranken. Students find a tailor-made infrastructure for their start-up idea in almost all faculties, as well as in the ZDI network, in the form of events, ideas and start-up laboratories. This offer is supported in Schweinfurt by the close connection to the Gründer-Innovations- und Beratungszentrum (Founder Innovation and Counselling Centre - GRIBS) - also a ZDI cooperation partner. Together with all partners, an awareness of the business start-up topic is created among students, scientists and companies. Knowledge-based, innovative start-up ideas are used e.g. in the framework of an application for the relevant support programmes (EXIST and FLÜGGE). CAF contact persons support the founder teams, provide feedback for idea papers and offer administrative assistance.

Feedback on the lecture *gründen@FHWS*:

Female student, summer semester 2019

“... what it has brought me above all is motivation, motivation, motivation! Finally, I have found the information [...] I need for realising my life goals. I have learned to take myself and my ideas seriously, present them to the outside world, and put them into reality. The lecture helped me concretise my ideas, reject the outlandish and stay innovative.”



Presentation during the first CAMPUS Start-up NIGHT.



The jury (2018) was composed of city, industry and science members with Pia Jost (Head of Business Development Schweinfurt); Caroline Trips (Managing Director Trips GmbH); Michael Datzler (Managing Director VINTIN GmbH); Dirk Reich (BSH Hausgeräte GmbH); Professor Alfred Pecher (honorary FHWS professor and head of the Competence Centre Acoustics, Schaeffler AG); Florian Hödl (regional spokesman and district spokesman Schweinfurt, Business Juniors); Florian Glossner (deputy federal chairman, Business Juniors); Jürgen Bode (deputy managing director Chamber of Industry and Commerce, Würzburg-Schweinfurt) and Professor Dr. med. Ing. Volker Bräutigam (FHWS, Faculty of Business Engineering).



Closing event of the first CAMPUS Start-up NIGHT.

Future-oriented city



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Schweinfurt – innovative and future-oriented

Industry 4.0: "Positioning today for the new morning" – the city is working on realising a special model factory

Future-oriented city: It is not only the expansion of the University of Applied Sciences that sets new standards for future-oriented urban and economic development in Schweinfurt. Intensive work is being done on implementing an Industry 4.0 model factory in the city on the Main River, thereby setting a milestone in the research infrastructure.

"With this innovation factory, we can actively shape the future and draw young scientists to Schweinfurt. Thus, we are already positioning ourselves today for the new morning," emphasises Lord Mayor Sebastian Remelé, who is convinced that such a factory is of great importance for the future viability of Schweinfurt as a location.

This innovative centre should not only become a showcase for Industry 4.0 and artificial intelligence, but also fulfil

several tasks: For example, it should make the subject comprehensible, enable training and further education of skilled workers and employees in a real environment, and provide companies with practical and innovative support in digitisation processes. In addition, companies can network with each other as well as with research institutions. Foundations related to Industry 4.0 and artificial intelligence can be better promoted by providing know-how and infrastructure.

Fraunhofer Institute for Production Engineering and Automation (IPA) prepared a requirement analysis and possible concept in advance and

was commissioned by the city council to specify the future-oriented project further. The model factory will be built on the site of the former Ledward Barracks, on which, among other things, the Landesgartenschau will take place in 2026.



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We have the Landesgartenschau 2026

Green Salon in the west:
Schweinfurt is blooming –
lasting values

Turbo conversion makes it possible: Citizen's park instead of tank hall! The Landesgartenschau 2026 (State Garden Show - LGS) in Schweinfurt enables the city to continue blossoming: more green, more air, more space, better image! Schweinfurt is not just a city of industry, a city of art, but also a city of nature.



On the approximately seven-acre site between the former Ledward Barracks and the new Yorktown quarter (above the Willi Sachs Stadium), a new "green salon," an inviting park is being established by means of the LGS. It is a special place not only for the residents of new quarters in the west and the students on the i-Campus, whose implementation is being realised quickly. Because: The Landesgartenschau creates lasting value for all citizens of Schweinfurt!

New neighbourhoods emerge

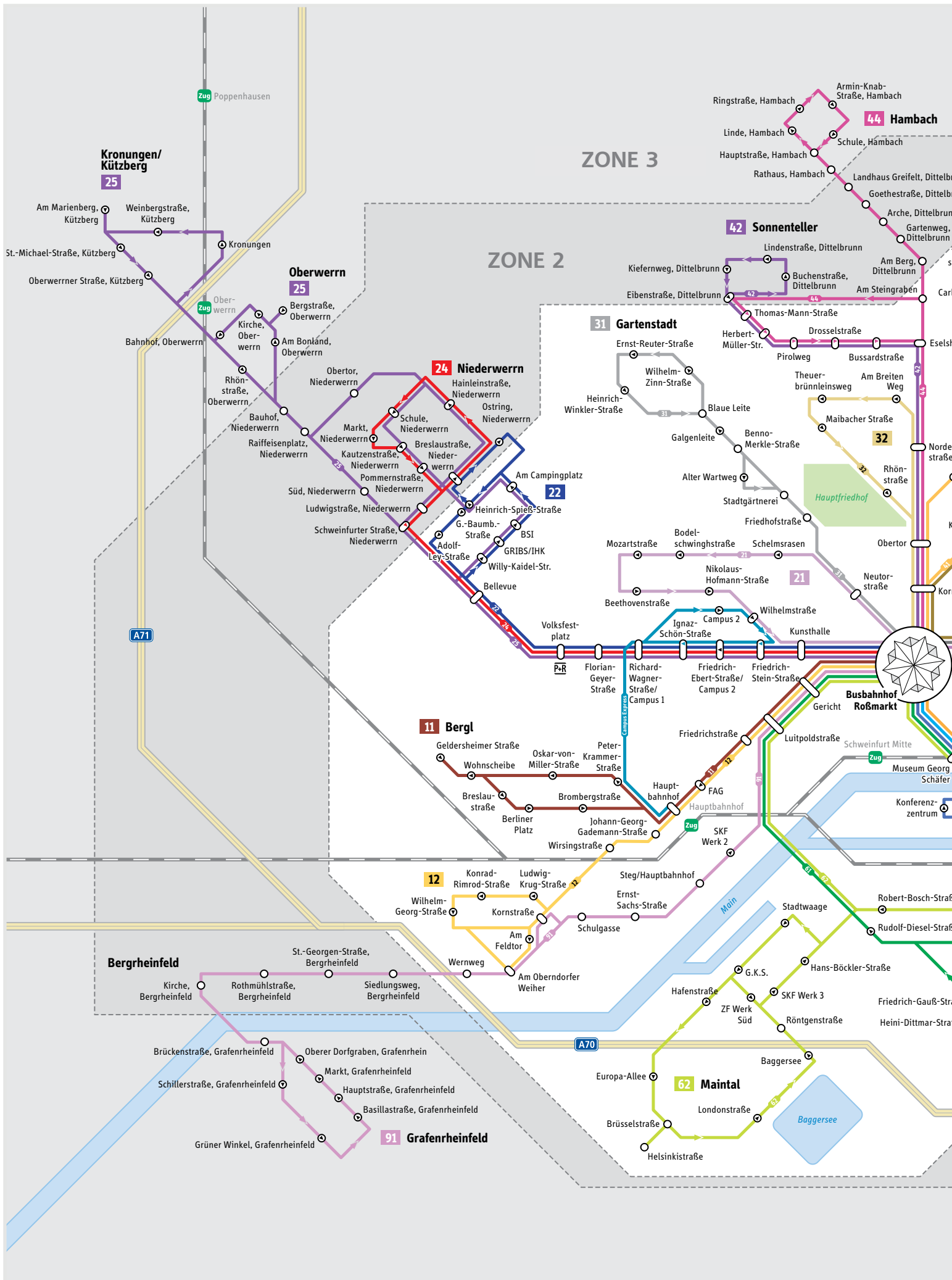
In the course of conversion, the city expands further, the former American properties are given a new use. Former barracks and officers' houses are disappearing or finding new residents: New city quarters like Yorktown and Bellevue are emerging.

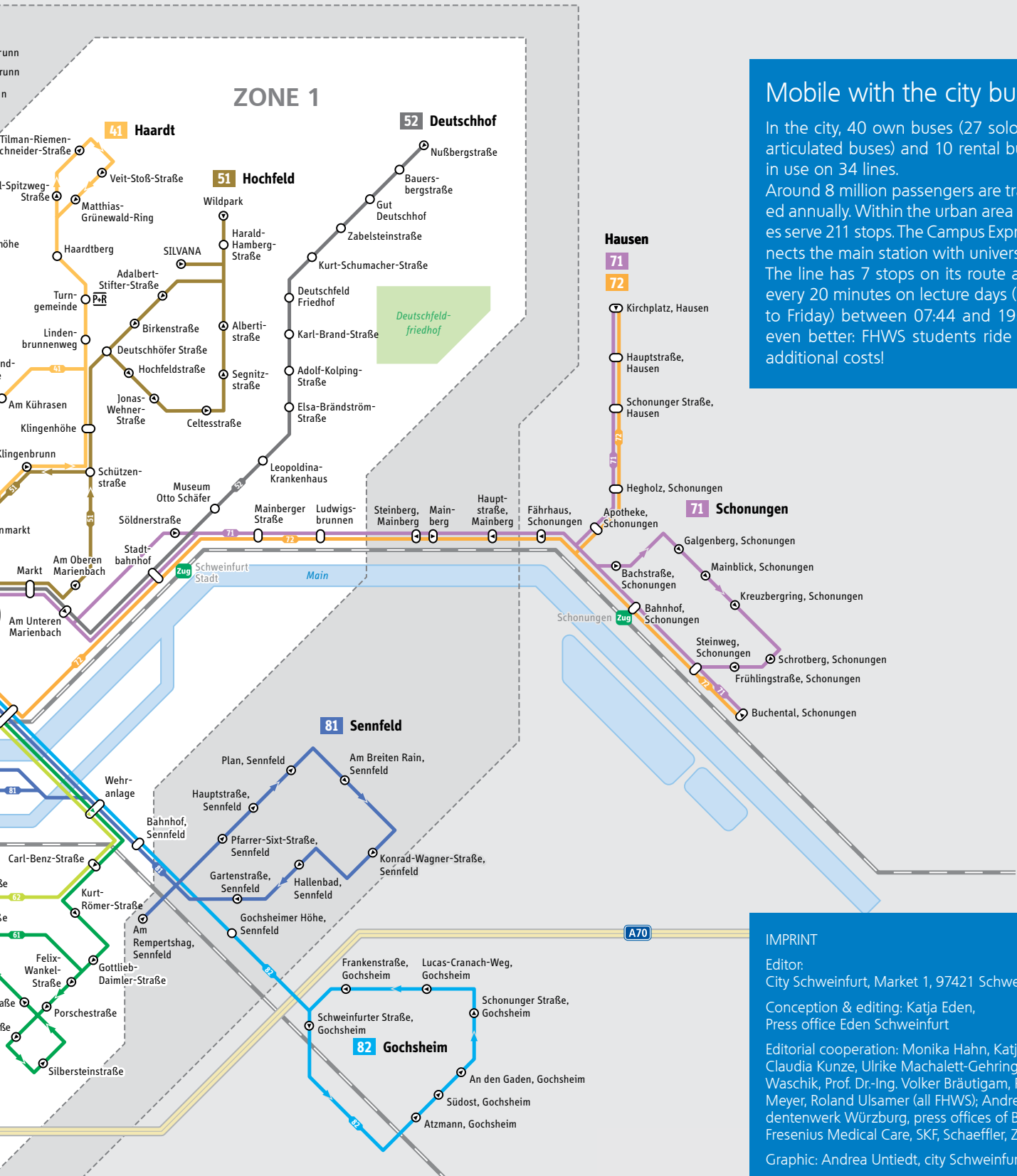


Equipped for future requirements

Sebastian Remelé
Lord Mayor
of Schweinfurt

“ We set the tone for the future-oriented urban and economic development in Schweinfurt. At the same time, we do not think in small but rather large periods of time, because a sensible urban development has the big picture in view. As one of the most important industrial locations in Bavaria, we rely on investments that will prepare us for the challenges of the future and make Schweinfurt even more attractive in every respect.





Mobile with the city bus!

In the city, 40 own buses (27 solo and 13 articulated buses) and 10 rental buses are in use on 34 lines. Around 8 million passengers are transported annually. Within the urban area city buses serve 211 stops. The Campus Express connects the main station with university sites. The line has 7 stops on its route and runs every 20 minutes on lecture days (Monday to Friday) between 07:44 and 19:15. And even better: FHWS students ride without additional costs!

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43 Sonnteller

Bus no. and destination
Lindenstr. 53
Stop in direction of arrow and stop for several lines

Bus with stop and line no.
Stop in direction of arrow and stop for several lines

Train with station
fare zone border
Park-and-Ride

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