H T W G

Hochschule Konstanz University of Applied Sciences

University of Applied Sciences Konstanz: In a Region Where Four Countries Meet

> Our Focus: Technology, Business and Design

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## **Facts & Figures: Profile**

## **Personal Greeting from the President**

#### **Departments:**

Architecture and Design Civil Engineering Electrical Engineering and Information Technology Computer Science Mechanical Engineering Business, Cultural and Legal Studies

Founded: 1906

Number of students: approx. 4,800 International students: approx. 500 (pre-pandemic) Outgoing students: more than 400 / year (pre-pandemic)

Bachelor's Degree Programs: 23 Master's Degree Programs: 19

International Partner Universities: 90 Partners in 37 countries

920 Campus Employees, including: 170 Professors 230 Adjunct instructors 320 Administrative and Scientific staff 120 Student / research assistants 40 PhD students



## **Dear Ladies and Gentlemen,**

The University of Applied Sciences Konstanz is a modern, innovative university with a rich history. Founded in 1906, we now offer degree programs and carry out cutting edge research in all relevant engineering disciplines, as well as in the fields of information technology, economics, law, social sciences, design and architecture. We are part of the international Lake Constance region and have a wide range of collaborations and joint projects with partners in Switzerland and Austria.



Our students and partners benefit from our interdisciplinary approach as well as our focus on connecting theory and

practice. The main objectives at the University of Applied Sciences Konstanz are to provide top-level education opportunities and carry out applied research. The main characteristics of our teaching approach include learning in small groups, project-based teaching and making use of our close affiliations with companies. These connections allow our students to gain experience in finding practical, real-world solutions relevant to both businesses and society during their studies.

We believe that the global economy depends on a whole generation of professionals that can both cope with the demands of this interconnected world and help shape and develop it further. That is why we also place a strong emphasis on providing our students and staff with numerous opportunities to expand their intercultural skills.

In order to achieve this, we have made international cooperation with partner universities and the international orientation of our students and researchers one of the core focuses of our institution. In addition to our exchange programs for students and faculty, we are also creating opportunities for visiting researchers and staff to go abroad, while setting up joint events and lecture series with our partner universities around the globe.

We can continue to build on our decades of fertile, successful international cooperation with our more than 90 partner universities in 37 countries world-wide. It is and will remain a central focus of the University of Applied Sciences Konstanz to both maintain and expand these international partnerships.

I look forward to strengthening our existing partnerships, while developing new cooperations around the world.

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Prof. Dr. Sabine Rein President

## What Makes Us Stand Out

## We Prepare Students for the Real World

The HTWG Konstanz is a **university of applied sciences**, where classes are taught using a **hands-on and practical approach**. All bachelor's degree programs include a required internship semester, in which students can directly apply what they've learned in classes and find out how to make the most of the second half of their studies. Our students often collaborate with companies on specialized, professional projects. The contacts established during the internships and project work give them a big advantage when later applying for jobs (see page 9).

## **Research and Applied Sciences**

The University of Applied Sciences Konstanz is a **teaching AND research university.** Our faculty have both the academic credentials (most have a PhD) and work experience in industry (at least five years of professional experience outside the university – often in leadership positions) to bridge the gap between academia and the business world. This combined theoretical and practical approach is a huge benefit for our students (see page 22).

## **Excellent Student-Faculty Ratio**

The 4,800 full-time students at the University of Applied Sciences Konstanz are taught and supervised by more than 160 full-time professors and 230 adjunct faculty members who work in industry. The typical **class size of 20 to 30 students** allows for more direct interactions between students and professors. Outside of the classroom, our university is supported by a staff of 230 professionals who work in the various labs on campus or provide administrative services (see page 8).

## **Interdisciplinary Departments and Courses**

The University of Applied Sciences Konstanz offers **innovative degree programs** (see page 10), such as the Engineering and Management major, which provide students with far more than just technical skills. In addition to technical and business skills, students also acquire communication and foreign language skills in these interdisciplinary programs. Real-world project management experience helps them meet the professional challenges of working in the globalized business world (see page 11).

Our students also work in **interdisciplinary project teams** that develop, for example, electric motorcycles or race cars (see page 12). Or they can experiment with their own ideas in our state-of-the-art Open Innovation Lab. Students also receive much-needed support when developing their own startup companies. Such projects and resources on campus provide students with invaluable **real-world project experience** before they start their careers – and make them more attractive to prospective employers.

## **Future-oriented – Focusing on Sustainability and Digitalization**

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The degree programs at the HTWG Konstanz – University of Applied Sciences are designed to create **excellent career opportunities** for our graduates. These **programs are accredited by independent agencies,** which certify the quality and up-to-dateness of instruction as well as the relevance of our degrees on the labor market.

The University of Applied Sciences Konstanz places a particular emphasis on the major issues of our times: **sustainability and digitalization.** These issues are interwoven in the curriculum of all our degree programs, often as specializations. So Mechanical Engineering students can, for example, focus on "energy technology and renewable energies" or "production management and digital production" during their studies.

Part of our mission is to also provide our students with so-called "Future Skills". These interdisciplinary skills, which include data analysis, collaboration, and a business mindset, prepare our graduates to help forge the ongoing digital and societal transformation.

## **Modern Infrastructure**

The University of Applied Sciences Konstanz features state-of-the-art infrastructure, offering both faculty and students **cutting-edge tools for efficient and advanced teaching and learning.** This infrastructure includes a modern computer center, our award-winning library, and a wide-range of labs, such as the Open Innovation Lab (see page 24).

## **Beautiful Location**

The city of Konstanz is the largest and most attractive city on Lake Constance and a focal point in the "Euregio Bodensee" (the European region that includes western Austria and eastern Switzerland). Konstanz is a **well-known tourist destination** thanks to its **attractive natural surroundings,** extensive recreational opportunities and historical and cultural riches.

Apart from its beauty, the city is also known for R & D activity in various fields and its **engineering, pharmaceutical, biotech and media companies,** not to mention tourism. The University of Applied Sciences Konstanz has developed partnerships with many of these companies, giving students ample opportunities to complete an internship semester or write their thesis at a company (see page 28).

## **Institutional Profile**

## **Academic Excellence**

The HTWG Konstanz is a university of applied sciences with equal standing to universities and technical universities.

The German university of applied sciences approach – in contrast to the traditional universities – focuses on **practical, real**world teaching and applied research, often in cooperation with companies. This can be seen in the mandatory

internship semester that students complete and the requirement that our faculty must have both academic credentials (most have a PhD) as well as professional experience outside the university.

The University of Applied Sciences Konstanz is known for its **top-quality instruction** in the fields of engineering, architecture, computer science, business administration and its specialized curriculum in various highly competitive programs including Applied Communication and Culture, Management and Technology, and Communications Design.



## We also offer innovative advanced pro-

grams, such as Engineering and Management, which enhance straight technical degrees. These interdisciplinary programs emphasize foreign language and communication skills, along with business and technology content and real-world project management to help graduates meet the professional challenges of the globalized economy.

#### Quality, Cutting-Edge Teaching Methods

Courses are normally offered in the form of lectures, seminars, tutorials or practical lab classes. These courses are often taught using a case-study and group work approach, and may include excursions and guest lectures. Class sizes are small – rarely more than 30 to 40 students.

Classes are taught in-person, in hybrid form, or – if advantageous – online. Course materials are often distributed online on virtual platforms. These platforms also allow for virtual discussions, interacting with experts, and the freedom to comment on the course materials.

All degree programs are fully accredited by the well-known German organizations ZEvA, ASIIN and FI BAA.

## Overview of Degrees

The **bachelor's degree** programs (undergraduate studies) are normally completed in seven semesters. The bachelor's degree is the first level academic degree, qualifying graduates for entry-level positions. The bachelor's degree consists of foundation studies (introductory content) and main studies (advanced content and individual focus).



## The master's degree programs (post-

graduate studies) are normally completed in three to four semesters. These programs cover more advanced, in-depth content, and students select their individual specializations. This allows them to pursue their personal interests and gain the qualifications for more advanced positions.

Students with a master's degree then have the option of pursuing a **PhD degree.** PhD programs are designed for additional specialization in a field and writing a doctoral thesis on an academic topic. Students have the option of pursuing a **PhD at the University of Applied Sciences Konstanz** in our Cooperative Doctoral School.

For a list of our degree programs see page 10.

#### **Internship Semester Features**

All students enrolled in our bachelor's degree programs complete an **internship semester** during their studies. The internship is done in a company or institution during the 4th or 5th semester, allowing students to put their theory into practice.

This direct experience at a company – along with other projects carried out with businesses and our regular company trade fairs – makes it easier for students to find jobs after graduation.

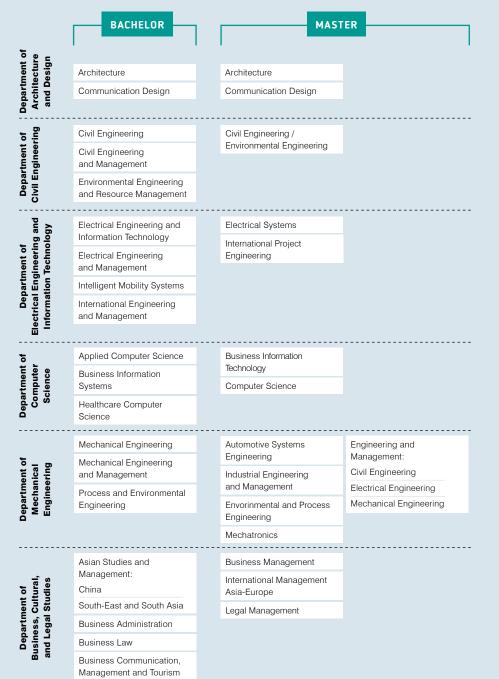
#### Academic Calendar

The academic year is divided into two semesters. A semester officially lasts six months, including classes, final exams, writing papers or completing projects – and of course some time off to travel and relax. The winter semester runs from October to the end of February. The summer semester starts in early / mid-March and runs through July.

International students participating in an exchange program in Konstanz start the semester with an orientation program, offering workshops, city tours, and excursions. For exchange students who start in the winter semester, we offer an additional 2-week German language course in September (see page 18).

#### **Degree Programs**

We offer the following bachelor's and master's degrees:



## Interdisciplinarity and Thinking Outside the Box

The University of Applied Sciences Konstanz encourages its students (as well as the faculty and staff) to think outside the box of their academic and technical disciplines, and to work in an interdisciplinary and transdisciplinary manner to **develop and implement new ideas.** Our university provides the appropriate infrastructure and a wide range of trainings and events to achieve this.





# Our **Extracurricular Studies Program** offers a series of courses and workshops for students in all degree programs.

Students can choose courses ranging from ethics and sustainability to foreign languages & intercultural issues to help them broaden their perspectives beyond the confines of their majors.

They can also take part in our campus theater group and radio station, or work on developing a race car in the Lake Constance Racing Team. International students are welcome to participate in any of these courses and activities.







Relaxed and proud at the racetrack in Aragon, Spain: Despite all the limitations during the corona pandemic, the eLaketric team did it again in 2021. The team developed a motorcycle, the "Amperia21", that placed in the top ten in an international competition.



The machine developed by the eLaketric team showed what it could do on the racetrack in Aragon, Spain.

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## **Tinkering all the way to a Trophy** How interdisciplinarity leads to success

"It totally motivates me, if I can take what I learned in my studies and apply it right away in a project", says Mechanical Engineering student, Jonas Wenning as he rubs his oily hands. He's standing next to Frederik Hardy on a hydraulic lift. Jacked up in front of them: The Amperia21. This is no typical motorcycle produced in a factory, but an **all-electric racing motorcycle**, developed and built by University of Applied Sciences Konstanz students. "We're only successful when people from different majors work together", says Frederik, who, in addition to studying Mechanical Engineering, heads the eLaketric racing team's mechanics group.

The goal of the team is to produce a motorcycle to compete against other collegiate teams in international races in Italy, Poland and Spain. It's a lot of work, but also a lot of fun. Mechanical Engineering students construct the motorcycle, students in the Business Administration program are involved in putting together the business plan for the team, while students in the Design program are involved in shaping the form and look of the machine itself, as well as helping create the website and finding sponsors.

The electrical engineers in the team are proud of having developed a unique battery, not yet available on the market, while the computer science students came up with a one-of-a-kind dashboard for the project.

The team has had notable success: They have **consistently placed in the top 10 in competitions** involving comparably-sized universities.

In addition to the eLaketric Racing Team,

the University of Applied Sciences Konstanz also boasts the "Bodensee Racing Team", or BRT for short. The team, made up of around 50 students from all departments competes in international races with the "Iltis" race car. The team has made a name for itself in the international Formula Student racing scene over the past 10 years– first with combustion engines, now with electric engines.

## **International Focus**





## We actively promote internationalization

Internationalization plays a central role at the University of Applied Sciences Konstanz, coordinated by our Vice President for International Affairs. Our strategy is built upon the following three pillars:

Expanding our offerings for full-time or short-term international students, faculty and staff at our university - and creating a "welcome culture" on campus.

Preparing and supporting students, researchers, staff and faculty, who want to work or study abroad.

## Making international skills part of all degree programs on our campus.





### **Our International Partners**



| Argentina         | Denmark       | Korea (Republ |
|-------------------|---------------|---------------|
| Australia         |               |               |
| Austria           | Finland       | Macau         |
|                   | France        | Malaysia      |
| Brazil            |               | Mexico        |
|                   | Great Britain |               |
| Canada            |               | New Zealand   |
| Chile             | Hong Kong     | Netherlands   |
| China             |               |               |
| Columbia          | India         | Portugal      |
| Croatia           | Indonesia     | -             |
| Cyprus (Republic) | Ireland       | Romania       |
| Czech Republic    | Italy         |               |
|                   |               |               |

| a | (Republic) |  |
|---|------------|--|
|   |            |  |

Switzerland **South Africa** Spain

Taiwan Thailand **Turkey** 

> Ukraine USA

Vietnam

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#### **Study Abroad Programs**

Many of our students take the opportunity to spend part of their studies abroad. This allows them to gain international experiences and strengthen their intercultural skills. The University of Applied Sciences Konstanz has academic and research partnerships with as many as **90 universities around the world,** from Western and Eastern Europe, to North and South America, South Africa, Asia, Australia and New Zealand. In a typical year, more than 400 of our students study at one of our partner universities, complete an internship or write their thesis abroad.

## Welcome Culture on Campus Each year, around 500 international students from over 60 countries come to study at the University of Applied Sciences Konstanz. Students are attracted by our strong academic programs as well as the

wide range of courses taught in English. They benefit from our excellent studentfaculty ratio and practical, real-world teaching approach – not to mention our location at the heart of Europe.

The staff at the **International Office** and the **Intercultural Center** are here to ease exchange students' transition to our university. They support students from the first enquiry, throughout their time in Konstanz, to their departure. They help with visa applications, finding accommodations, and selecting appropriate courses.

Student groups, such as "Helping Hand" or the "Buddy Program", help international students navigate our campus and organize excursions in Konstanz and the surrounding area introduce them to German culture.



## English-language and double degree programs

The University of Applied Sciences Konstanz offers **three internationally-oriented degree programs with strong English-language content:** International Engineering & Management (B. Eng.), International Project Engineering (M. Eng.) and International Management Asia Europe (M. A.). These programs prepare students to face the challenges of working in a globalized and complex business world.

Two of these programs offer students the possibility of spending a year abroad at one of our partner universities – and thereby **earning a double degree.** 

Then there is the unique Business Communication, Management and Tourism degree, a cooperation between the Asian Studies program and our partner universities in Asia, where students first complete a twoyear program at their home universities, followed by a two-year program in Konstanz. Graduates earn a bachelor's degree from both universities.

#### Internationalization @home

Even students who do their complete studies in Konstanz receive an **international and diverse education:** Classes taught in English, foreign language courses, intercultural workshops and projects with partner universities that are integrated into the studies – these all prepare students for the globalized labor market. On top of that are the interactions with international students who enrich our campus life with the experiences and knowledge they bring from their home countries.



## New: International Summer School in Civil Engineering

The University of Applied Sciences Konstanz will be offering a new Summer School program focusing on sustainability in the building sector together with Clarkson University (USA), the Universiti Sains Malaysia (Malaysia) and the University of Limerick (Ireland) starting in 2023.

In addition to learning about the professional-technical aspects of sustainability, students will also be sensitized to the sociocultural aspects of managing resources sustainably across continents. The Summer School will take place at each of the four participating universities on a rotating basis.

## **Options for International Students**

#### How to Study in Konstanz

International students who want to study at the University of Applied Sciences Konstanz have two options: Students enrolled at one of our international partner universities can come to Konstanz as part of one of our exchange programs. All other international students can pursue a bachelor's or master's degree at our university.

### **Exchange Programs**

The University of Applied Sciences Konstanz has a wide-range of **exchange programs with partner universities around the world.** We welcome many exchange students each year. These programs are managed and supervised by the International Office (Akademisches Auslandsamt). Students typically spend 1–2 semesters in Konstanz.

International exchange students are often attracted by the following:

### Wide range of **courses taught in English** in business, business law, engineering and computer science. Exchange students with advanced German skills can attend all courses.

Free **German language courses** during the semester

Social **activities and excursions** in and around Konstanz

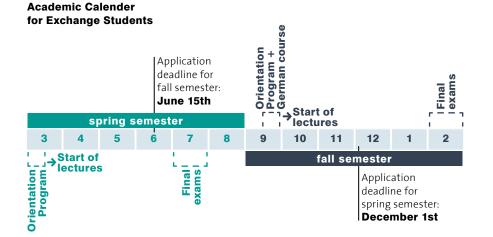
## No tuition / program fees

Scholarship opportunities

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**Orientation program** for incoming exchange students in March and September including a free two-week German compact course for exchange students in September

Guaranteed student accommodations





#### Degree-Seeking Students

The University of Applied Sciences Konstanz welcomes international students to apply for our degree programs. Applicants will need the appropriate secondary school credentials and B2/C1-level German proficiency (even for primarily English programs). Foreign applicants should **contact the Studienkolleg Konstanz** who can determine if the diplomas students completed abroad fulfill the requirements.

International students with the equivalent of a German "Abitur" diploma can apply DIRECTLY to the bachelor's or master's degree programs of their choice. Please keep in mind that these diplomas must be recognized by the Studienkolleg. These students must also complete the DSH German exam or similar exam (e.g. TestDaF).

If students do not have the required educational background or language skills, they can apply for the Studienkolleg's two-semester technical or business preparatory programs.



## Studying in Konstanz "A very Friendly Place"

Gabriella Lima from Brazil and Xu Liu from China learned a great deal during their time at the University of Applied Sciences Konstanz. They both look back fondly at their time here.

The two students would "definitely" recommend to their friends to study abroad at the University of Applied Sciences Konstanz. Why? The warm welcome, classes full of new content and methodological insights, the contact to their fellow students, the city, the lake... Gabriella and Liu can come up with a host of reasons.

Gabriella, a student at the Pontificia Universidade Católica do Paraná, took courses in the Environmental Engineering and Resource Management program during her semester here. Liu, from Xian, was in Konstanz from summer 2020 to October 2022 and completed the double degree program in Business German and Tourism Management.

Both agree that the cultural differences were at times challenging. However, they also felt welcomed right from the start at our university, which helped to ease their transition. Gabriella was particularly happy that one of the staff members in the International Office herself was from Brazil. She described her as very friendly and patient. "That was the most important thing that made me feel comfortable without my language, my parents and my country."

Gabriella was guite impressed by the concern for the environment in her studies. "My classes on renewable energy systems, for example, were great." she said.





Xu Liu from China, former double degree student in Business German and Tourism Management

Liu appreciated that the instructors were not only very friendly, but were also truly **inte**rested in seeing their students make progress. "I had two years of German before coming here. It was great how the instructors set the language level, then increased it step by step," he said, by now speaking fluent German with a much nuanced vocabulary, allowing him to describe Konstanz in almost poetic terms as "einen Ort voller Freundlichkeit" ("a very friendly place").

Both students gained the **ability to see things from other perspectives** through

their contact with students from Germany and many other countries – as well as gathering new impressions from their travels across Germany and Europe. However, not all of these experiences were positive. Gabriella, for example, who left her dogs behind in Brazil, was surprised that she couldn't simply pet dogs in Germany. She said the owners were annoyed when she tried. And both students missed something essential: The cuisine in their home countries – even though both learned

to appreciate German cuisine during their time here.

The students auickly recognized some essential differences to their previous studies and their home

countries. "The instructors expected me to be more independent," said the Chinese student. However, he felt that he received good guidance and was proud of having learned to organize his studies by himself.

He was also impressed that his German co-students took on part-time jobs to help finance their studies. So what did he do? He started applying for his own jobs – and ended up working at the China Center on campus, in a restaurant, and for a charitable organization. He was happy to use his free time working on his German skills.

In retrospect, Gabriella Lima can only encourage others who are considering taking part in an exchange program: "Don't be worried when you arrive in a different place," she says. "All change is positive, even if it seems scary at first."

## Research

#### Even our research is applicationoriented

In addition to our strong teaching focus, the University of Applied Sciences Konstanz is also a **major research center.** Our institutes and labs, public as well as privately-funded research projects, research collaborations, and the numerous publications by our faculty are testimony to this strength. Professors are currently working on over 80 individual research projects, funded by the private sector and grants from the German government or the European Union.

Research here is oriented towards solving practical, real world problems in business and society and is viewed as complementary to our applied teaching approach. Many students – including PhD students in our Cooperative Doctoral School – are directly involved in the projects and can use the results for their theses. This orientation and experience makes our graduates attractive to employers.



#### Strong networking with companies

All University of Applied Sciences Konstanz professors are required to have at least five years of experience outside the university. This experience has led to **many partnerships with companies and organizations in Europe.** Our professors set up joint R&D projects, work as consultants, and serve as members on advisory boards.

These contacts help our students get choice internships at companies and to be able to participate in joint applied research projects. Many bachelor's and master's theses are the result of these external partnerships.

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## List of Institutes on Campus

Institute for Applied Research (IAF)

Institute for **Applied Thermo and Fluid Dynamics** (IATF)

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Institute for Natural Sciences & Mathematics (INM)

Institute for **Optical Systems** (IOS)

Institute for Professional Writing (IPS)

Institute for System Dynamics (ISD)

Institute for Strategic Innovation & Technology Management (IST)

Konstanz Institute for Corporate Governance (KICG)

Konstanz Institute for **Process Controlling** (KIPS)

Institute for **Material Systems** Engineering Konstanz (WIK)

Institute for **Material Systems** in Thurgau, Switzerland (WITg)

Energy-efficient construction



#### Students can also get a PhD

It is possible to earn a PhD in our **Cooperative Doctoral School.** Doctoral students carry out practically-oriented research projects with real-world applications. These projects are mainly funded by grants or are part of collaborative projects with companies. Many PhD students receive scholarships and pursue their PhDs while working.

PhD projects are supervised by professors in their own research areas, guaranteeing the best possible professional advising. The individualized, cross-disciplinary PhD program is coordinated by the Cooperative Doctoral School. All current and prospective PhD students are invited to attend the annual summer colloquium.

# Campus

## Easy to get Around

The University of Applied Sciences Konstanz is a compact campus. The offices, classrooms, labs and the library are **all close together**. This makes it easy to get around and get oriented. The campus is also located directly on the lovely Rhine River and just a hop, skip and a jump from the historic city center, as well as the Swiss border.

## **Our Award-Winning Library**

The campus library, located in a historic building along the Rhine River, is a state-ofthe-art facility. The library holdings consist of 230.000 books, including 165.000 eBooks. Students and faculty also have access to a wide range of journals, magazines, and over 4,000 online databases. The library has received numerous awards and is the **largest technically oriented library in the Lake Constance region.** 

## **Modern Labs**

The University of Applied Sciences campus offers a wide-range of cutting edge labs for students and researchers. Each department has its own modern labs where students can learn the processes, carry out projects, and experiment on their own, leading to new developments. More than **sixty modern, well-equipped laboratories and architecture studios** provide extensive training space for our students.

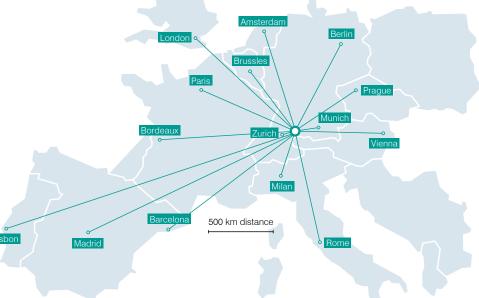
These include the particle laboratory, where work is done with the very smallest particles, and the laboratory for machine tools and automation technology with large, heavy fixtures. There is also the laboratory for building information modeling, where buildings are digitized, and the hydraulic engineering laboratory, which uses running water for hydraulic and hydromechanical experiments.

Then there is the power electronics laboratory and the research boat, where research is being done on autonomous maritime transportation. Last but not least, we have our very own film studio where students can let their creativity run free.

# Student Life on and off Campus – Right in the Heart of Europe

Our students mostly live in the dorms just adjacent to the campus and within walking distance of the historic town center. The cafeteria, located directly on the Rhine, offers both warm and cold meals, making sure no one has to study on an empty stomach. Right in front of the cafeteria is one of the highlights on campus (and in Konstanz): our very own beach bar, where students and staff go to kick off their shoes and have a drink at the end of the workday. We also have a student-run café on campus where you can meet your friends for a very reasonably-priced cup of coffee.

On the weekends, students have many leisure options: explore Konstanz and its surroundings, go hiking in the Alps, or take a short trip to neighboring Switzerland, Austria or Liechtenstein. Or how about a weekend getaway to Italy or France?







The Open Innnovation Lab allows students and staff to work at the interface between analog and virtual. The laser cutter (in the background) allows users to create digital designs.

"Everyone's welcome to come

out their fellow students."

Designing your own flower vase? Why not! Mechanical Engineering student, Julien Dihrig, shows his work on the 3D printer.

# The Open Innovation Lab:

where all students, faculty, and staff can come to tinker on their own projects

Ssss. Ssss. The print head makes its way consistently across a very delicate form. Minute by minute, this form begins to take shape, made up of fine layers of plastic threads coming from the nozzle of a 3D printer. The 3D printer will continue its steady work over the next 17 hours until the bust of school founder, Alfred Wachtel, is ready. In neon green.

The Wachtel bust, like so much that is made in the Open Innovation Lab, is the result of free experimentation. Not only does the lab offer a large selection of 3D printers in different sizes that allow users to pursue the craziest of ideas, but they also offer a variety of other tools, such as laser cutters, milling machines, sewing machines, and virtual and augmented reality glasses, which give tinkerers a chance to explore virtual worlds.

The lab is open to the whole University of Applied Sciences Konstanz community – students, instructors, and staff. "Everyone's welcome to come in and work on projects or help out their fellow students", says Prof. Oliver Fritz, Head of the Open Innovation Lab (OIL). Especially the collaborative aspect is important here. Working with people from other departments helps us think outside the box, gain new perspectives and find novel solutions.

The lab is basically one of a kind at German universities of applied sciences. The Ministry for Science, Research and Art (MWK) of the state of Baden-Württemberg understands its value: The state government provided a € 700,000 grant to implement the program "Learn by Researching for Innovation and Practice".

## Konstanz / The Region

The city of Konstanz is located in the southernmost part of Germany within walking distance from the Swiss border.

Konstanz is located in the state of Baden-Württemberg. The state is known as the **"home of the tinkerers, inventors and entrepreneurs".** More than 15,000 patents are registered here each year. No other state invests as much in research and development – 5.8% of gross regional product.

Konstanz has a population of 80.000 of which 15.000 are students, making Konstanz the largest and most exciting city on Lake Constance.

Because of its prime location, it is the gateway for many outdoor activities such as skiing, hiking, sailing, etc.

The Lake Constance region, where four countries meet:







## **For More Information**





Universities interested in setting up a cooperation:

#### **International Office**

Tel: +49 7531 206-378 aaa@htwg-konstanz.de www.htwg-konstanz.de/en/academics/ international-office

Students from partner universities interested in our exchange programs:

#### **International Office**

Tel: +49 7531 206-378 aaa@htwg-konstanz.de www.htwg-konstanz.de/en/academics/ international-office/ General inquiries about full-time studies in Konstanz:

### **Intercultural Center**

Tel: +49 7531 206-379 ikz@htwg-konstanz.de www.htwg-konstanz.de/en/the-university/ facilities/intercultural-center

International students who want to get their diplomas recognized:

#### Studienkolleg Konstanz

Tel: +49 7531 206-362 studienkolleg@htwg-konstanz.de www.htwg-konstanz.de/en/academics/ center-for-international-students-konstanz



## **Prospective PhD students:**

Cooperative Doctoral College Prof. Dr. Hanno Langweg Tel: +49 7531 206-9024 hanno.langweg@htwg-konstanz.de

Geraldine Kortmann Tel: +49 7531 206-532 geraldine.kortmann@htwg-konstanz.de

www.htwg-konstanz.de/en/ research-and-transfer/ cooperative-doctoral-studies

Companies and universities interested in setting up a research collaboration:

## **Research Division**

Tel: +49 7531 206-325 burger@htwg-konstanz.de www.htwg-konstanz.de/en/ research-and-transfer/research-division

## Professors interested in coming as a visiting scholar:

as a visiting scholar: International Office

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University of Applied Sciences Alfred-Wachtel-Straße 8 D-78462 Konstanz / Germany Telefon +49 7531 206-378 aaa@htwg-konstanz.de www.htwg-konstanz.de

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