

**swissuniversities**

swissuniversities supports and looks after the interests of Switzerland's Doctoral/Research Universities, Universities of Applied Sciences and Arts and Universities of Teacher Education.

Together, these three university types constitute Switzerland's higher education – a complementary campus with close ties and relationships around the world.

We strive for uncompromising quality in everything we do, and we are proud that our unique education system makes Switzerland one of the world's leading countries for education, research and innovation.

More information on the different universities and the Swiss education system:

Booklet Studying in Switzerland:  
[www.swissuniversities.ch/hei](http://www.swissuniversities.ch/hei)

Swiss Conference of Rectors of Higher Education Institutions:  
[www.swissuniversities.ch](http://www.swissuniversities.ch)

Your local experts for Swiss education, innovation and research around the world: [www.swissnex.org](http://www.swissnex.org)

Forming  
individuals  
who  
shape  
the  
future

### Putting knowledge into practice – and vice versa

A central pillar of the Swiss higher education system, the Universities of Applied Sciences and Arts understand sustainable progress as the evolution of the economy, culture and society through people and technology. Thus they form individuals who shape the future and contribute to lasting progress.

The Universities of Applied Sciences and Arts are closely linked with economy, culture and society and maintain beneficial collaborations with companies, public institutions and other educational establishments.

## The Swiss Universities of Applied Sciences and Arts ...

# 1

... are highly relevant to practice.

# 2

... increase companies' innovative strength.

# 3

... provide the employment market with the experts it needs.

# 4

... provide excellent job and career prospects for their graduates.

# 5

... comply with Swiss quality standards in the field of education and research.

# 6

... lay the foundation for sustainable economic, cultural and social progress.



**15 sec**

The Swiss Universities of Applied Sciences and Arts:  
what we do.

## What we do

- *We teach* – theoretically sound and practice-oriented
- We practice *applied research*
- We offer *continuing education*
- We make our knowledge available to companies and institutions from the fields of economy, society and culture

## Degrees

### Degree programmes:

- Bachelor
- Master

### Continuing education:

- CAS Certificate of Advanced Studies
- DAS Diploma of Advanced Studies
- MAS Master of Advanced Studies /EMBA Executive Master of Business Administration

## And after you've received your degree?

### Get hired!

Most degree programmes at the Swiss Universities of Applied Sciences and Arts qualify you for a job already at Bachelor level. What's more, with their practice-oriented education our graduates are much sought after.

### Launch a start-up!

Our students benefit from the close collaboration between the university and the "real world". From day one, they are encouraged to think and act independently and innovatively.

### Continue studying!

There is always something exciting to learn – and the Universities of Applied Sciences and Arts are sure to have something that interests you.

### Research!

Finding new solutions for concrete technical or social problems – that's what we're all about. The Universities of Applied Sciences and Arts offer qualified researchers a fascinating working environment. In some departments, you have the possibility to earn a PhD in collaboration with a Doctoral/Research University.

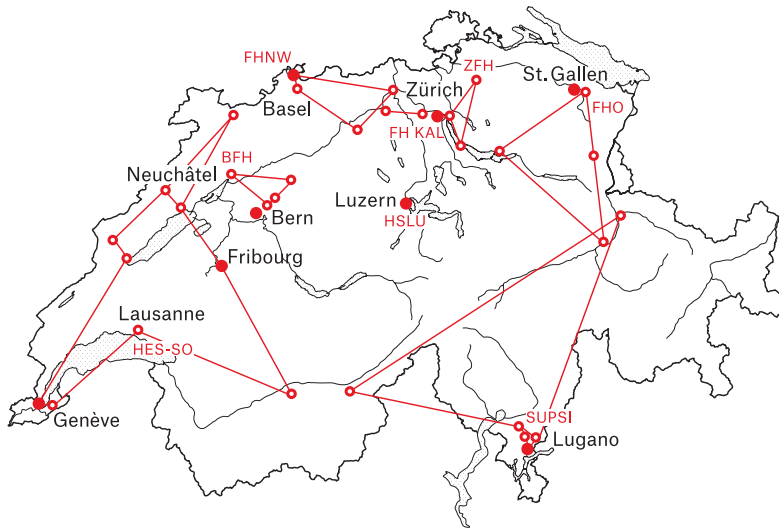
## Local advantages

A key strength of the Swiss Universities of Applied Sciences and Arts is their solid local roots. Direct personal contact with companies, other universities as well as private and public institutions has many advantages, for example:

**Practice orientation:** Teaching staff and students are up to date and aware of the latest developments in their fields. During their studies future graduates already establish valuable contacts with the professional world.

**Innovative strength:** time to market is very short, therefore current “real world” problems can be addressed and quickly solved.

**Effective support:** The Universities of Applied Sciences and Arts contribute to an optimal value chain in economy, society and culture – both regionally and on a national level.



### Switzerland's 8 Universities of Applied Sciences and Arts

- BFH** Bern University of Applied Sciences
- FHNW** University of Applied Sciences and Arts Northwestern Switzerland
- FHO** University of Applied Sciences Eastern Switzerland
- HES-SO** University of Applied Sciences and Arts Western Switzerland
- HSLU** Lucerne University of Applied Sciences and Arts
- FH KAL** Kalaidos University of Applied Sciences Switzerland
- SUPSI** University of Applied Sciences and Arts of Southern Switzerland
- ZFH** Zürcher Fachhochschule

## Local and global impact

The Swiss Universities of Applied Sciences and Arts maintain partnerships with local and global partners to exchange knowledge and experience and to ensure practical relevance. We also work closely with universities, corporations, research facilities as well as governmental and non-governmental organisations to address local and global challenges such as climate, energy, water, migration, demographics, health, economics, etc.

This means that finding solutions to questions such as those below can benefit an organization, a community, a city, a country or even people worldwide.

How can agricultural waste be recycled and used as construction material?

How do we develop foods that are healthy, tasty, safe and sustainable?

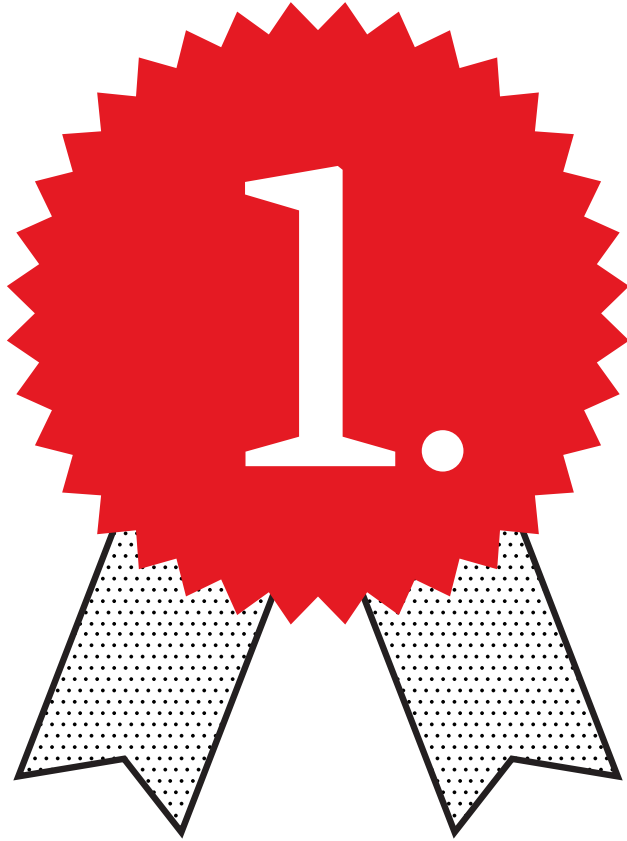
How can we make factories more energy efficient?



How can IT be innovatively used in the banking sector?

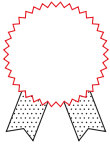
How do cultural journalists and ethnologists create social realities with cultural storytelling?

How can welfare integration programmes be successfully planned and realised?



**Award-winning  
excellence**

## A selection of award-winning graduates



### Michael Fehr

Author

Kelag-Prize (Ingeborg-Bachmann Contest) for

#### *Simeliberg*

Master of Arts in Contemporary Arts Practice

Bern University of Applied Sciences and Arts BFH – HKB



### Laura Couto Rosado

Designer

Design Parade 9 Award for

#### *Le Chant des Quartz*

Master of Arts in Design

University of Applied Sciences and Arts Western Switzerland HES-SO  
– HEAD



### Thomas Bentivegna

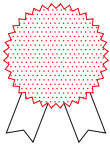
Junior scientist

“BestMasters” award by science publisher Springer for

#### *Innovation Network Functionality*

Master of Science in Business Administration, Major in New Business

University of Applied Sciences Eastern Switzerland FHO – HTW



### Tobias Ott & Claude Ritschard

Mechanical engineers

Siemens Excellence Award for

#### *the Development and construction of an experimental wood carburetor*

Bachelor of Science in Mechanical Engineering

Zürcher Fachhochschule ZFH – ZHAW



### Anete Melece

Illustrator, animator and graphic designer

Swiss Film Award in the category “Best Animation Film” for

#### *The Kiosk*

Master of Arts in Design

Lucerne University of Applied Sciences and Arts HSLU – D&K



**Social Work**

**Business Administration**

**Forestry, Wood Engineering**

Information Science

Engineering and Management

Agricultural Science

Physiotherapy

**Architecture**

Literary Writing

Tourism

Industrial Design

**Music**

Midwifery

Bio-technology

Computer Science

**Fine Arts**

Sports Sciences

Nutrition and Dietics

Communication and Media Studies

**Finance**

Interior Design  
Business Law

**Engineering and Technology Sciences**

Aviation

Theatre, Dance and Film Studies

**Medical Informatics**

Food Technology

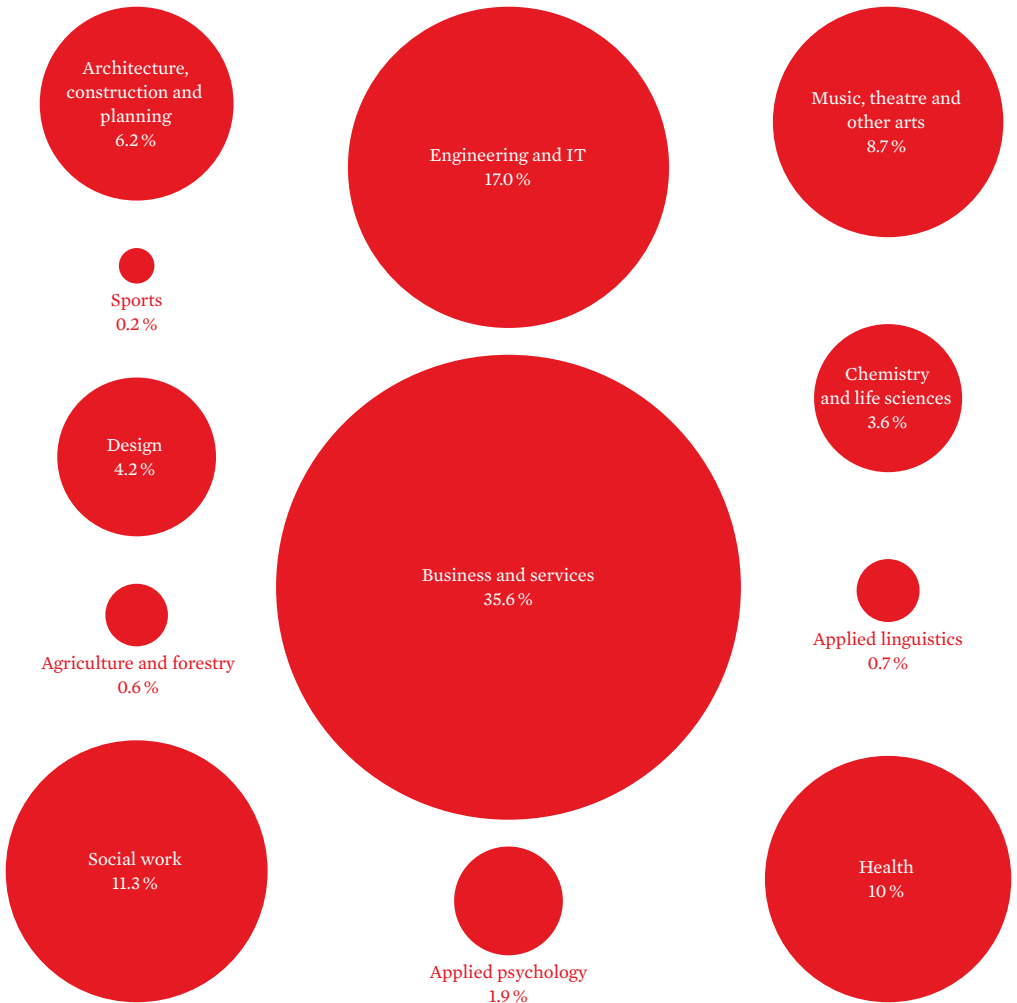
Educational Sciences

Applied Psychology

## Variety and versatility

The Swiss Universities of Applied Sciences and Arts offer great variety and a unique choice of degree programmes. This versatility allows us to provide a comprehensive range of studies and continuing education. In all faculties and departments, students benefit from the practice-oriented expertise of our lecturers and researchers as well as from our close cooperation with local and international companies and institutions.

## Students according to departments





# Innovate

A selection of 4 groundbreaking  
research projects



### **Project: MacSheep**

University of Applied Sciences Eastern Switzerland, FHO  
(Hochschule für Technik Rapperswil)

The University of Applied Sciences Eastern Switzerland is coordinating the international project MacSheep. Its objective is the development of new innovative products and advanced test methods for a next generation of compact combined renewable energy systems based on solar thermal and heat pump technology for space heating and hot water preparation, using breakthroughs in ICT, new materials and technology. The goal is to achieve 25% energy savings compared to current state-of-the-art systems, while ensuring competitive prices on the market.



### **Project: Building materials from agricultural waste**

Bern University of Applied Sciences, BFH  
(Architecture, Wood and Civil Engineering)

Rice, corn and other agricultural residues are valuable in northern Nigeria, where they are recycled and have become a particular challenge for the local construction industry. The Bern University of Applied Sciences is conducting a research project investigating ways in which agricultural residues might, in the future, be processed at low cost for use in the building trade, for example in the form of composite construction panels.



### **Project: Kill-Spill**

University of Applied Sciences and Arts Northwestern Switzerland, FHNW  
(Life Sciences)

The University of Applied Sciences and Arts Northwestern Switzerland is participating in the project Kill-Spill. Kill-Spill is a European funded project focusing on the development of highly efficient, economically and environmentally viable solutions for the clean-up of oil spills caused by maritime transport or offshore oil exploration and related processes. It provides new tools to promote novel (bio)technologies in oil spills remediation.



### **Project: Factory-Ecomation**

University of Applied Sciences and Arts of Southern Switzerland, SUPSI  
(Department of Innovative Technologies)

The goal of the project Factory-Ecomation is to increase the energy efficiency and reduce emissions of factories. Its main objective is to conceive, define, design and demonstrate, through adequate industrial pilots, a new paradigm of factory where energy, emissions, and environmental-related aspects in general, are considered and included into the structure and management of the factory itself. These aspects are considered with the same importance of traditional criteria such as productivity and product quality.

# 97%

of our Bachelor graduates are employed one year  
after completion of their studies.

Swiss Education Report 2014

FH Schweiz, Salary survey 2013

of the Universities of Applied Sciences and Arts graduates  
are offered management-level positions.

# 63%

*The Universities of Applied Sciences and Arts consistently align their study programmes with the current and future job-market requirements. Thus they increase the graduates' job perspectives as well as the competitiveness of Switzerland as a business location.*

Mauro Dell'Ambrogio  
**Swiss State Secretary for Education, Research and Innovation**

*One of the most important aspects of my UAS study was to further develop the ability to reason systematically. In addition, I found the practice orientation and the broad content very valuable.*

Lukas Gähwiler  
**Alumnus FHO/FHS, CEO UBS Switzerland**

*Companies in Switzerland are fortunate to have excellent Universities of Applied Sciences and Arts.*

Dr. Erich Hochuli  
**Head Biotech Production Roche, Switzerland**

*I am grateful for the Swiss education system. Based on my apprenticeship, it allowed me to reach a level where I can take decisions and really make a difference.*

Cédric Ochsner  
**Alumnus ZFH/ZHAW, Chief Operating Officer  
Chocolat Frey**



A survey with Business Administration Bachelor graduates shows that more than **85 percent** attribute a high to very high use for professional life to their studies.

***Nine out of ten*** bachelor graduates would also recommend the study programme.

The salary survey 2013 by FH SCHWEIZ shows University of Applied Sciences and Arts bachelors' satisfaction with their studies:

***Four out of five*** state that they have been well to very well prepared for professional life by their university.

