The University of Applied Sciences and Arts
Northwestern Switzerland FHNW:

- School of Applied Psychology
- School of Architecture, Civil Engineering and Geomatics
- Academy of Art and Design
- School of Business
- School of Engineering
- School of Life Sciences
- Academy of Music
- School of Social Work
- School of Teacher Education

University of Applied Sciences and Arts
Northwestern Switzerland FHNW
Schulthess-Allee 1
CH-5201 Brugg
T +41 56 462 49 11
www.fhnw.ch
Welcome

The Schools

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Switzerland
– a small but diverse country

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Thank you for your interest in the University of Applied Sciences and Arts Northwestern Switzerland FHNW. This brochure and the corresponding website www.fhnw.ch are excellent starting points to learn more about our University. The FHNW is one of the leading institutions in the country. It has nine Schools: Schools of Applied Psychology; Architecture, Civil Engineering and Geomatics; Art and Design; Music; Business; Teacher Education; Engineering; Life Sciences; and Social Work. Our Schools are based in key locations, which are directly linked with neighbouring Swiss and international companies. This local influence supports the vital role of research and practice at the FHNW. It is also mirrored in all our courses and programmes, where interdisciplinarity is considered of major importance. Consequently, project- and process-based learning complements traditional lectures to a considerable extent. We offer our approximately 9,000 students highly individualised programmes, allowing students to choose from a wide range of disciplinary curricula or to select specific classes from our nine faculties.

Application-oriented research and development occupies a particularly strong strategic position at the FHNW. We undertake research projects with partners in the wider economy and with other higher education institutions in Switzerland and abroad. Our research activities are aimed at facilitating knowledge transfer between higher education and the wider economy. At the FHNW, we attach great importance to innovation, interdisciplinary collaboration, international partnerships, and a cooperative atmosphere – for the benefit of our administrative staff, teaching faculty, and students alike.

I warmly welcome you to the University of Applied Sciences and Arts Northwestern Switzerland FHNW!

Prof. Dr. Ruedi Nützi
Deputy Director FHNW and Director School of Business
Established in 2006, the School of Applied Psychology FHNW has since become a leading centre of competence in Switzerland and German-speaking Europe for teaching and research in Occupational-, Organisational-, and Personnel Psychology.

**Undergraduate and Postgraduate Programmes**

We offer our approximately 300 students challenging, research-based, and practice-oriented programmes in Applied Psychology, with a clear focus on Occupational-, Organisational-, and Personnel Psychology. All our programmes provide successful graduates with excellent career prospects.

Our degree programmes include a three-year BSc in Applied Psychology, and a two-year MSc course. Both programmes are also available as part-time options.

Coursework on our BSc programme covers the fundamental concepts and methods of scientific psychology, introduces students to Occupational-, Organisational-, and Personnel Psychology, and leads to basic professional qualifications. Our MSc programme deepens the focus on Occupational-, Organisational-, and Personnel Psychology in specific occupational fields. Coursework enables graduates to apply the subject-specific, methodological, social, and personal skills and knowledge gained on their courses to their professional roles as project leaders or executives.

**Continuing Education**

At the School of Applied Psychology FHNW, we offer a wide range of continuing education programmes, including three Master’s courses and various certificate courses dedicated to business psychology, occupational- and organisational psychology, as well as media-, personnel-, health-, and engineering psychology.

Our programmes enable executives, specialists, and entrepreneurs to benefit from the direct transfer of knowledge from ongoing FHNW research projects to coursework. Programmes are especially designed to build methodological skills, thereby enabling participants to cope with
the increasing challenges and demands of the modern and complex world of work and to co-determine occupational health and working conditions in manifold working environments.

Research
The applied research undertaken at the School of Applied Psychology FHNW is highly acclaimed, both in Switzerland and further afield. Our work explores what it means to live and work in complex, highly technologised working and knowledge societies.

Current research topics include:
- Work and Health
- Safety and Reliability of Socio-technical Systems
- Distributed Collaboration
- Diversity in Collaboration
- Collaborative Spaces/Environmental Design

Our research projects are interdisciplinary and primarily geared towards devising concrete solutions.

We maintain close ties with universities, technical colleges, and universities of applied sciences in Switzerland and abroad. We are actively involved in further developing the current state of knowledge in Applied Psychology.

Contact
University of Applied Sciences and Arts Northwestern Switzerland FHNW
School of Applied Psychology
Customer Care Centre/International Office
Postfach
CH-4601 Olten
T +41 848 821 011
E info.aps@fhnw.ch
www.fhnw.ch/aps
Skills for the future
The School of Architecture, Civil Engineering and Geomatics FHNW is one of the nine Schools of the University of Applied Sciences and Arts Northwestern Switzerland FHNW. Based in Muttenz, near Basel, our School comprises four institutes:

– Architecture
– Civil Engineering
– Geomatics Engineering
– Energy in Construction

Committed professionals teach
Bachelor of Science degree courses in ...

– Architecture
– Civil Engineering
  • Tri-national Civil Engineering
– Geomatics

... and Master’s degree courses in ...

– Architecture (Master of Arts)
– Geoinformation Technologies
  (Master of Science in Engineering)
– Sustainable Building Technology
  (Master of Science in Engineering)

Our various centres of excellence undertake innovative application-oriented research in the fields of Architecture, Civil Engineering, and Geomatics. This ensures that teaching remains practice-oriented and up-to-date with the latest innovation and research results in the following core areas:

– Construction-Settlement-Landscape
– Computational Engineering
– 2D/3D/4D Geoinformation Technology
– Sustainability and Energy in Construction

Our Bachelor’s and Master’s programmes provide our students with the basic technical and methodological principles for a successful career. Our Bachelor’s degree enables students to enter into their chosen field
with the requisite knowledge and skills. It also creates an environment within which the acquired skills help mature and further develop individual potential. Upon successful completion, Bachelor students can progress to a Master’s degree, aimed at promoting critical reflection on the technical principles acquired.

The key elements of our two-stage degree programme are:

– Concentration on the core technical skills
– Prioritisation of methodological, personal, and social skills
– A systematic focus on decision-making skills for a successful career

Our ambitious degree programme has fully implemented the Bologna Declaration of Higher Education.

Architecture
Our Architecture graduates have excellent career prospects. Students holding a Bachelor’s degree develop, coordinate, and lead projects of moderate complexity relative to the overall construction cycle. http://www.fhnw.ch/habg/iarch/studiengang-bachelor. In the event of complex multidisciplinary architecture projects, Architecture graduates are integrated into a given project team and assigned specific tasks commensurate with their experience. Our graduates possess professional skills that can be deployed in architectural and planning practices, construction and planning agencies, and property management and administration.

Architects who continue their studies with a Master’s degree (at the School of Architecture, Civil Engineering and Geomatics FHNW, Muttenz, or at the School of Engineering and Architecture, Lucerne) develop, coordinate, and lead complex multidisciplinary construction projects within the overall construction cycle and find employment in a managerial capacity in larger agencies, in administration or project development, or establish their own studios. Since our Master’s degree is an internationally recognised qualification, graduates can also work abroad.

http://www.fhnw.ch/habg/iarch/studiengang-master

Civil Engineering
Civil engineers are responsible for the planning, project management, and running of civil engineering construction sites and hydraulic engineering sites, foundation and substructural work, as well as traffic planning and development and road construction. They act as expert project representatives in negotiations with clients and the regulatory authorities. They make systematic and strategic use of modern information technologies in both disciplinary and interdisciplinary fields. Civil engineers are additionally involved in the sustainable and environmentally compatible planning and implementation of construction projects, and in the socially and environmentally compatible refurbishment of existing buildings. They also work as project managers and collaborate with architects and other professionals involved in the projects. http://www.fhnw.ch/habg/ibau/bachelor-studiengaenge http://www.fhnw.ch/habg/ibau/master-studiengaenge

Our tri-national programme makes civil engineering an even more versatile and interesting profession. Students acquire professional skills, vocational maturity, and internationally recognised, tri-national qualifications at renowned institutes of higher education in France and Germany and at the School of Architecture, Civil Engineering, and Geomatics FHNW; at the same time, they broaden their understanding of languages, people, and cultures.

Geomatics
Geoinformation is the basis for many decisions taken by businesses and public administrations. Geomatics engineers graduating with a Bachelor’s degree (www.fhnw.ch/ivgi/bachelor) are experts in geoinformation technology. They possess professional skills allowing them to work, for example, in geoinformation management, chartered surveying, general surveying, photogrammetry, geoinformatics, or software engineering. Typical positions held by successful graduates are group or team leaders in private companies or public administration.

Geomatics engineers doing a Master’s degree (www.fhnw.ch/ivgi/master) further develop their professional and personal skills. Coursework allows them to specialise in various subjects, such as geoinformation management, surveying, land-use planning, geoinformatics, or construction and municipality engineering. Successful graduates move into departmental management positions, or work as leaders in challenging and interdisciplinary projects, in research and development positions, or establish their own business.

Contact
University of Applied Sciences and Arts Northwestern Switzerland FHNW
School of Architecture, Civil Engineering and Geomatics
Gründenstrasse 40
CH-4132 Muttenz
T +41 61 467 42 42
E info.habg@fhnw.ch
www.fhnw.ch/habg
Academy of Art and Design FHNW

Art and design are driving forces in cultural innovation. Studying, researching, teaching and acting in art and design create a realm of constant transformation, dialogue and reflection on societal change – be it structurally, as a reaction to current topics, or be it generally in the socio-cultural atmosphere of society.

The Academy of Art and Design FHNW sees itself as a place of contemporary culture that fosters creativity and innovation through reflection and practice. Through societal discourse in a procedural way, the School also promotes the coexistence and integration of theory and practice.

The ability to synthesize complex data, individual impressions, attitudes and reactions or proposals into new systems is characteristic for art and design. Students’ projects do not solely follow the rules and methods of singular scientific disciplines. They acquire a profound insight and discernment, enable a well-grounded understanding, unfold optimized search methods and here by create aesthetic design based on reflected action. This mindset is developed, formed, analyzed and strengthened through dialogue between students and instructors. In this respect, it is crucial to be engaged individually and in teams.

Art and design are initiators of important development processes and creators of new ways of thinking and acting in the areas of social relevance. It is thus essential to constantly develop, evaluate and renew appropriate course content and teaching methods in the field of higher arts education.

Studying at the Academy in Basel nurtures both individual artistic development and expression and the capacity to generate society-responsible activities.
Visual Communication
Visual communication entails the production of images for everyday use. It utilises existing production channels and is involved in the deployment of the latest technological aids. Resulting products include posters, books, newspapers, texts, images, video trailers, websites, software interfaces and multimediality. The course additionally offers three specialisms: interaction, image and typography. The course teaches students how to draft images, analyse and reflect on their effect, and realise communication products in the field of printed and new media.

Interior Design and Scenography
A course at the boundary between architecture, exhibition, performance, installation and event: the education centres on the interaction with space, probing its possibilities and designing its interior. The curriculum ranges from the sculptural appearance and design of furniture objects and interiors all the way to the design of exhibitions and scenographic sets, urbanscapes and landscapes. Students learn to view design as a holistic process and as interactions and communication between people and objects within spaces.

Fashion-Design
This course aims to turn out freelance fashion designers. This calls for high levels of professional expertise to be concentrated and combined within that one individual. The course focuses on the methods and processes involved in the production of drafts and outline drawings, and on the realisation and professional presentation of the garments. It encourages the student to adopt a clear stance, which views independent clothes design as a complex process of creation involving art and design, capable of conveying this as compelling fashion.

Industrial Design
The course revolves around the design of products destined for industrial series manufacturing: this involves a target-oriented, creative and interdisciplinary process of development. Designed products also embody intentions and meanings: they model work processes and strategies for action. The core skill implicated here concerns the creative, problem-oriented design process, which also involves communicative and representational abilities in the form of drawing, modelling and virtual simulation. Accordingly, the course teaches the conceptual, methodological and mechanical skills needed for the design process, and empowers the student to work on his or her own engineering designs.

HyperWerk Institute for Postindustrial Design
HyperWerk, an interdisciplinary and project-oriented environment, is where tools and processes for post-industrial relationships are designed, tested and marketed. It provides a setting for the development of solution strategies that deal creatively with technological-societal events. HyperWerk represents a laboratory situation, in which the output of the students, their individual perceptions, skills, criticisms and experiences, can inform a unique type of research into the forms, contents and means of a knowledge society to which everyone can contribute. The learning focuses on process design and interaction leadership.

Fine Arts
The course offering encompasses both classic art disciplines and contemporary interactive media, and aims to turn out freelance artists. The course is multimedia in character and provides access to a variety of artistic means of expression, thus enabling the formation of personal artistic positions. A major part of the training involves unstructured artistic work in the studio, guidance for which is provided throughout the course by means of an art forum.

Art and Design Education
This course imparts an art and design training and specialises in the communication and interpretation of art and design to schools and society at large. Involving pedagogical and practice-oriented input from the School of Teacher Education FHNW, the course forms a branch of higher teacher-training education.

Contact
University of Applied Sciences and Arts Northwestern Switzerland FHNW

Academy of Art and Design
Vogelsangstrasse 15
CH-4058 Basel
T +41 61 695 67 71
E info.hgk@fhnw.ch
www.fhnw.ch/hgk
The School of Business FHNW is a leading provider of undergraduate and postgraduate education in business and economics in Switzerland. Our three campuses are located in Olten, Basel, and Brugg-Windisch.

**International innovation**

With its attractive range of international undergraduate and graduate programmes, the School of Business FHNW has pioneered degree courses taught wholly or partially in English. About 1’800 students on our Bachelor’s and Master’s programmes benefit from the more than 120 exchange agreements maintained with universities and colleges around the world.

**Executive education and postgraduate programmes**

The School of Business FHNW offers 60 executive and postgraduate programmes leading to Master’s, Executive Master’s, or Master’s of Advanced Studies degrees or certifications. We also run innumerable courses, seminars, and symposia. Some of these are taught in English, and an increasing number are also offered offshore.

**International and national accreditation**

All our programmes enjoy national accreditation: a great number have already received international accreditation or are currently being accredited.

**Competence through focus**

The School of Business FHNW provides both its students and clients with direct access to both broad professional knowledge and, within its institutes, to specialised focused competencies. Our international faculty has developed key competencies in Management & Leadership, Non-Profit Management, Corporate Communications, Human Resources Management, Consulting & Coaching, Finance & Controlling, Business Information Systems, E-Business, and Online Marketing.
Knowledge and technology

Our highly qualified, experienced, and international faculty guarantees not only high-quality education but also first-class applied research and consulting. The institutes of the School of Business FHNW render their services to the regional, national, and global business community.

International and multinational BSc programmes

Our BSc in Business Administration, with a focus on International Management, was the first Bachelor’s degree taught entirely in English at a state university in Switzerland. Due to its ten years of existence, a leading infrastructure to support and enhance an international environment has been developed. We welcome approximately 100 international students each year on a section of our 3-year programme; twice as many home students go on an exchange to one of our 120 partners for an obligatory semester abroad. International Management graduates meanwhile have exceptionally high employability value and many now follow careers in those countries where they once exchanged.

Similarly unique is the BSc International Business Management, a tri-national degree cooperation between partner universities in France, Germany, and Switzerland. Students study in all three countries. Graduates therefore possess considerable cross-cultural competencies within business processes and can communicate their knowledge and skills in French, German, or English.

Mastering the future

There are two Master programmes, both taught entirely in English and both offering a dual degree option with a partner university abroad: our MSc in International Management boasts a manager-shadowing course, scientific projects with entrepreneurial partners, a study trip to Brazil, and the dual degree option with Anglia Ruskin University in Cambridge, England. Our MSc in Business Information Management benefits from extremely close ties with its supporting institute, enabling research and study projects with companies; it is especially favoured as a part-time option and offers a dual-degree option in conjunction with Camerino University in Italy.

Additionally, the School of Business FHNW runs numerous offshore Executive Master's programmes: e.g. the joint Executive Master in Finance & Banking in Ho Chi Minh City (formerly Saigon) for Vietnamese professionals as well as the EMBA in Management Consulting International with HCMC University of Technology in Saigon; the Master in Business Administration run jointly with the Edinburgh Business School; the EMBA in International Human Resources Management as a dual degree together with St Petersburg’s State Academy for Engineering and Economics (ENGECON).

The big players and us

The international strategy of the School of Business FHNW also encompasses special projects with some of the major global players.

- The "Microeconomics of Competition" Course of the Institute for Strategy and Competitiveness of Harvard Business School. This course is taught in several graduate programmes in Switzerland and abroad by FHNW professors;
- The European Commission sponsored CURE (Corporate Culture and Regional Embeddedness) investigates regional anchoring in cooperation with six partner universities;
- A study on developing a sustainable management system for the FHNW has been recognized by UNESCO within the United Nations Decade of Education in Sustainable Development programme. The institute, together with the University of Basel, also organises the prestigious International Sustainability Conference;
- Together with 12 partners from 5 countries, the MATURE project researches the agility and maturing of learning processes in companies for the European Commission;
- The Canadian Academics Studying Europe (CASE), a bi-annual study tour, enables faculty to meet European experts;
- Unique student seminars within the International Management programme acknowledge the emerging importance of China, the United States, and India.
- The closer contacts that have evolved over the years with both China and India have led to numerous spin-offs, such as customised executive training seminars and dual-degree programmes.

Contact

University of Applied Sciences and Arts Northwestern Switzerland FHNW

School of Business
Customer Care Centre / International Office
P.O. Box
CH-4601 Olten
T +41 848 821 011
E info.business@fhnw.ch
www.fhnw.ch/wirtschaft
Technology in a Networked Environment

It is hard to imagine living without technology. As far as industrialized countries are concerned, it has become downright impossible to envisage. The fast-changing demands of society and the environment require engineers to think and act differently to the way they did before. Alongside highly developed technical expertise, rapidly changing needs also demand social and commercial skills – with a clear focus on practical solutions. The School of Engineering FHNW offers project- and practice-oriented programmes designed to embrace and foster this forward-looking profile of engineering.

With 1,000 students enrolled on its Bachelor’s degree courses, many others pursuing postgraduate studies, and with more than 200 staff working in applied research, the School of Engineering FHNW is one of Switzerland’s leading technical colleges.

The School of Engineering FHNW conveys practice-oriented knowledge based on solid academic principles. It offers applied research and development, a broad further education programme, and operates in an international network of academic and industrial partners.

We place great emphasis on goal-driven teaching and learning. This key focus is optimally complemented by the various educational opportunities offered by our manifold partners in research and practice. We are a learning organisation: we strive to advance through actively responding to the manifold and rapid changes in the environment, the economy, and society.

Attractive Undergraduate Courses

The School of Engineering FHNW offers ten Bachelor’s degree programmes: Energy and Environment Technology, Electrical Engineering and Information Technology, Computer Science, iCompetence, Mechanical Engineering, Optometry, the tri-national programmes in Mecha-
tronics and in Information & Communication Systems, Systems Engineer- ing and Business Engineering. Many of these may be attended on a part-time, full-time, or in-service basis. Engineers are reliant on access to specialised information – technical, scientific, and business knowledge. To complement the basic principles taught in the core disciplines, our students choose additional modules to meet and further develop their individual interests. Choosing a Major in their third year allows our students to formulate their own direction and profile in a practice-related field of expertise. This target-oriented approach to individual specialisation allows our students to tailor their future career to the world of work.

Project modules are the trademark of the Bachelor’s programme offered at the School of Engineering FHNW. From the onset of their studies, our students are exposed to basic technical principles, project management, along with organisational and communicative know-how in the context of project work. A number of modules are conducted in English. By working in groups of various sizes and assuming different roles, students gain excellent experience in project-oriented learning and working.

We actively encourage student mobility and cross-cultural understanding by supporting exchanges at other colleges within Switzerland and abroad. In return, we welcome many international students, which enriches the multi-cultural atmosphere of our University.

Master’s Degree Programmes

Bachelor graduates can progress to a Master’s programme. Successful students are awarded a “Master of Science in Engineering.” Our Master’s programme has four strategic focuses: Business Engineering, Computer Science, Electrical Engineering, and Mechanical Engineering. Courses are taught by the various institutes attached to the FHNW School of Engineering. Institute affiliation also serves to help students expand their knowledge and to work on projects undertaken in collaboration with industry. Please visit www.fhnw.ch/engineering/degree-courses for detailed information on our Bachelor’s and Master’s programmes.

Applied Research and Development

Some 200 members of staff affiliated to the School of Engineering’s FHNW twelve institutes conduct research and development benefitting the wider economy and society at large. Our Institutes maintain close links between theory and practice. The knowledge that they accumulate and communicate, and the rich diversity of experience they amass, flow directly into our programmes, as do the trusted relationships we have established with companies and organisations within Switzerland and abroad.
Life Sciences are more than merely interesting – they are fascinating!
The School of Life Sciences FHNW is located at the heart of a leading Life Sciences region: the tri-national region of Basel (Switzerland – France – Germany). The region’s sheer density of private and public research centres, its location within the tri-national “BioValley,” and its enterprise-friendly policies are just some of its advantages.

We reference our teaching and research activities against international standards of quality and facilitate cooperation within networks and with a wide range of partners. Our aim is to generate marketable technologies and applications for the Life Science industry and to collaborate with partners on establishing an internationally distinctive profile for our School.

Our teaching staff comprises specialists from industry and science. They are engaged in the technological trends of the Life Sciences and utilise modern infrastructure to tackle a broad range of remits in the Life Science industry. Our researchers and students make tangible contributions to bridging the gap between leading-edge research and its application in the real world.

We are a learning organisation: we welcome change and generate innovation by focusing on the marketplaces of today and tomorrow. We continuously advance our programmes and services in order to achieve this objective. We have set ourselves the task of supporting young entrepreneurs in their efforts to establish new start-up companies, and we work together with them in close partnership.

Education and training
Practical experience takes centre-stage in our programmes. We are dedicated to conveying superior knowledge and skills that will benefit our students in their careers. Who better could accomplish this than representatives from the world of work itself? Our teaching staff generally has an industrial and scientific background. They work in a
Life Science company, and are researchers actively involved in the field. We also greatly benefit from advice from the Life Science industry in designing our degree programmes. Our students work on specific tasks during their courses and tackle real-world issues in their graduation projects. While at the FHNW, they benefit from a modern, state-of-the-art infrastructure. To ensure that graduates of the School of Life Sciences FHNW receive the best-possible skills, our modular courses are closely geared towards real professional needs.

We offer the following degree courses:

- Bachelor of Life Science Technologies with a specialisation in Biomedical Informatics or Medical, Pharmaceutical or Environmental Technology
- Bachelor of Molecular Life Sciences with a specialisation in Molecular Bioanalysis or Chemistry
- Master of Science in Life Sciences with a specialisation in Molecular or Therapeutic Technologies
- Master of Advanced Studies (MAS) in Management and (from 2012) in Environmental Technology
- Master of Advanced Studies (MAS) in Nano-Micro Technology

Candidates seeking admission into our Bachelor’s programme must hold either a Berufsmatura (Swiss vocational matriculation) or an academic baccalaureate that incorporates practical work; alternatively, they must have undergone some form of practical training followed by a qualifying examination. Non-Swiss students must show evidence of a similar level of attainment.

Our Bachelor’s programmes are modular and can be attended part-time alongside employment. Our full-time programmes last three years, while the part-time option is a four-year, in-service programme.

Bachelor graduates seek challenges in various areas of the Life Sciences: global industry, small and medium-sized enterprises, and start-ups; state-run institutions (universities, colleges, cantonal laboratories, environmental agencies); engineering firms, planning and consultancy agencies, and service enterprises (health insurance funds, insurance companies); commerce, law, communications, education and training. Alternatively, they may progress to a Master’s degree at the School of Life Sciences FHNW or another college.

The modular course structure of our Master’s programme, and close cooperation on its delivery with other universities of applied sciences, are both designed to support graduates in their own professional and personal networking activities. The Master’s thesis is normally based on real questions from the world of work, often in close collaboration with a national or international company or a private or public organisation. This ensures the programme’s strong practical relevance.

The Master of Advanced Studies (MAS) is designed for individuals who have completed both a vocational educational programme and have several years of professional experience.

The School of Life Sciences FHNW – your future starts here!

Contact
University of Applied Sciences and Arts Northwestern Switzerland FHNW
School of Life Sciences
Gründenstrasse 40
CH-4132 Muttenz
T +41 61 467 42 42
E info.lifesciences@fhnw.ch
www.fhnw.ch/lifesciences
Music – where inspiration lives

Music in all her forms and appearances – from opera stage, concert hall, Jazz Club, open air performance and workshop to newer technological forms of dissemination via the internet – informs our lives in an ubiquitous manner. Musical performance and interpretation require both skills and knowledge and have for centuries been intimately linked to teaching institutions where inspiration is drawn up into excellence.

The University of Applied Sciences and Arts Northwestern Switzerland FHNW incorporates the internationally renowned university-level institutions of the Basel Academy of Music: the Hochschule für Musik – University of Music, founded in 1905; and the Schola Cantorum Basiliensis – University of Early Music, the higher education institution for teaching and research in Early Music founded in 1933 by Paul Sacher which occupies a unique position worldwide. Both music universities belong to the leading European institutions for teaching, research, and performance for professional musicians.

Around 600 enrolled students from over 50 countries and our highly esteemed faculty, which is active on stages across the globe, make the Basel Academy of Music a highly productive and communicative campus situated in the heart of the cultural metropolis of Basle – a campus of short distances and daily inspiration.

At the Academy of Music FHNW we maintain close ties with the University of Basel and with various musicological centres in other European universities, including Wurzburg, Darmstadt, Porto, and Birmingham. The city of Basel, which became a prominent centre of Humanism and resultantly houses the oldest university in Switzerland (founded in 1460), has always been an important place for international trade, business, and the arts. Its individuality resides, moreover, in being home to large international pharmaceutical enterprises, banking and trading institutions, as well as boasting an unusually rich cultural scene in music and the performing and fine arts.
Degree Programmes
The Hochschule für Musik – University of Music offers a wide range of Bachelor’s and Master’s programmes in Music Pedagogy, Interpretation/Performance, Choir and Brass Band Conducting, Composition/Theory, as well as special programmes in our state-of-the-art electronic studio. Major studies in the fields of Chamber Music, Ensemble Performance, and New Music provide ideal conditions for comprehensive training, aimed at meeting future professional demands at the highest artistic and pedagogical levels. Our core research activities, which are integrated into our taught degrees, include Pedagogical Research, Interpretation Research, and Artistic Research.

The Schola Cantorum Basiliensis – the University of Early Music – works on the basis of an intrinsic connection between the practical training of musicians and the outstanding research on Historical Performance Practice undertaken for decades by our highly acclaimed research department. We offer a comprehensive range of Bachelor’s and Master’s programmes in two principal areas – Medieval-Renaissance Music, Renaissance-Romantic Music – in which critical reflection on the history, theory, and materials of Early Music infuses the practical training on voice or instrument. The SCB organises and hosts concerts, workshops, and international congresses. We are actively committed to publishing our research, music, and CD recordings of our performances in our own SCB-series.

The Academy of Music FHNW offers excellent conditions for pursuing postgraduate and doctoral studies, including a wide range of diploma and certificate courses (MAS, CAS, DAS) available at both colleges.

We award the following degrees on both universities:
- Bachelor of Arts in Music (Classic, Jazz, Early Music, Composition and Music Theory, Music Education, Audiodesign)
- Bachelor in Music and Movement (Elementary Music Pedagogy)
- Master of Arts in Music Performance
- Master of Arts in Music Pedagogy
- Master of Arts in Theory and Composition
- Master of Arts in Specialized Music Performance (consecutive MA, adhering to highest international standards, e.g. Soloist Training, Composition, Voice Performance etc.)

Majors and Minors follow a detailed and specific curriculum.

Core subjects taught at the Hochschule für Musik:
- all instruments
- vocal performance, opera stage training and choral conducting
- chamber music
- Composition, Electronic Music, Audiodesign
- Contemporary Music
- Music Pedagogy, Music Education
- Producing/Performance Jazz
- Wind Ensemble Conducting

Core subjects taught at the Schola Cantorum Basiliensis:
- Medieval-Renaissance (8th – 16th centuries)
- Renaissance-Romantic (16th – 19th centuries)
- Theory of Early Music
- Advanced Vocal Ensemble Studies

For further Information, please see www.fhnw.ch/musikhochschulen
Studying at the School of Social Work FHNW – A Warm Welcome to Northwestern Switzerland!

The distinctive features of the School of Social Work FHNW are our outstanding and innovative teaching and research. We are a regionally anchored and internationally well-networked provider of social work education. We place great emphasis on cooperation with acclaimed universities, universities of applied sciences, and organisations in Europe, the United States, Central America, Australia, and Asia, as well as with recognised regional and national field organisations.

With over 1’200 students enrolled on our Bachelor’s and Master’s programmes, and with approximately 1’000 continuing education students, we are the largest provider of social work education in German-speaking Switzerland. We offer attractive undergraduate and postgraduate programmes, as well as tailored consultancy and services, and have a distinguished research and development profile.

Our BA in Social Work is a practice-oriented programme leading to our MA in Social Work. Since 2008, we have been offering a highly successful consecutive MA programme, whose special focus lies on social innovation. We actively encourage and support student mobility. Our campuses are located in Olten, Switzerland’s principal traffic interchange, and in Basel, the vibrant city on the River Rhine where the borders of Switzerland, France, and Germany come together in the so-called Three Countries Corner.

Practice-oriented and academically sound

Application orientation and academic soundness take centre-stage in the education and training offered by the School of Social Work FHNW. Closely cooperating with our numerous field and academic partners, our mission is to foster the professionalisation of social work and effective approaches to social issues and challenges. We make purposeful use of our close links with research and development throughout our teaching, services, and consultancy. The ensuing knowledge transfer is of direct benefit to both our students and clients; not least, it also creates a springboard for our students’ future careers.
Proven areas of expertise

We are fully committed to delivering outstanding teaching and research in several core areas of expertise. Each of these areas is further developed through close cooperation with partners around the world, amongst others, through networks and collaborative projects based at universities and organisations in Europe, the United States, Central America, Australia, and Asia. The focal areas of our degree programmes are reflected in our Centre for Social Work Studies and six thematically distinct institutes:

- Consulting, Coaching and Social Management
- Integration and Participation
- Social Planning and Urban Development
- Social Work and Health
- Social Work Research and Cooperative Knowledge Creation
- Studies in Children and Youth Services

The key organisational units of the School of Social Work FHNW are the Scientific Support Centre, the Centre for Social Work Studies, and Central Services. Our director is Prof. Dr. Luzia Truniger. The School of Social Work FHNW Executive Board consists of the Heads of Institutes, the Head of the Scientific Support Centre, the Heads of the Centre for Social Work Studies, and the Head of Services.

Attractive programmes

Our BA in Social Work can be pursued either as a full-time, part-time, or in-service programme. Successful completion qualifies graduates for professional roles in social pedagogy and social work. Since 2008, we have been offering a full- or part-time MA in Social Work, with a special emphasis on “Social Innovation.”

We have fully adopted the Bologna system of higher education. Our BA and consecutive MA degree courses have a modular structure. Clear module descriptions (types, levels, and clearly distinguished compulsory, compulsory elective, and optional modules) help students orient themselves amongst our wide range of courses, and enable them to tailor courses to their individual interests. Students may also attend certain course components at other universities of applied sciences and universities in Switzerland or abroad. The School of Social Work FHNW actively encourages student mobility and supports exchange semesters.

We offer our BA and MA students tailored mobility advice, including expert information about partner institutions, language tests, and scholarships. We also provide students with access to national and international networks. These services are also available to incoming international students interested in studying at the School of Social Work FHNW, or who are seeking to spend an exchange semester with us.

All BA and MA degree modules taught at the School of Social Work FHNW are subject to examination. Credit points as per the European Credit Transfer System (ECTS) are awarded for passes: one credit point corresponds to a workload of 30 hours. 180 ECTS are awarded for a successfully completed BA degree, 90 ECTS for an MA.

Please visit www.fhnw.ch/socialwork for further details on our BA in Social Work, our MA in Social Work (with a focus on Social Innovation), and our wide range of attractive continuing education courses (Master of Advanced Studies MAS, Diploma of Advanced Studies DAS, and Certificate of Advanced Studies CAS). Our designated Website also provides up-to-date information on our current and forthcoming symposia, as well as on our manifold research and development projects.

Contact

University of Applied Sciences and Arts
Northwestern Switzerland FHNW

School of Social Work
Scientific Support Centre
International Office
Prof. Andreas Schauder
Thiersteinerallee 57
CH-4053 Basel
Tel.: +41-(0)61-337 27 59
andreas.schauder@fhnw.ch
www.fhnw.ch/sozialearbeit

Prof. Sigrid Schilling
Riggenbachstr. 16
CH-4600 Olten
Tel.: +41-(0)62-311 96 74
sigrid.schilling@fhnw.ch
Studying and researching for education and school
The School of Teacher Education FHNW offers its students an attractive and challenging programme of studies. It prepares teachers at all levels of the school system and in all subjects. With its broad range of continuing education and high-quality research programmes, we are a perfect venue for those striving to actively rise to the challenges of an educational environment undergoing ongoing transformation. Located where Germany, France and Switzerland meet, as well as affiliated to the University of Basel and networked with other universities and partner-colleges in Switzerland and abroad, we maintain and facilitate the intellectual and geographical mobility of our students and teaching staff.

Want to become a teacher? – Join us!
The School of Teacher Education FHNW fulfills its comprehensive training remit through its five educational institutes. We train teachers from the pre-primary (kindergarten) to the upper-secondary (gymnasial) stages, as well as turn out specialists in pedagogics and psychology.
Our Bachelor’s and Master’s programmes are flexible, practice-oriented, and based on sound academic principles. They can be attended on a full-time or part-time/in-service basis. We have fully implemented the Bologna Declaration.

Our Bachelor’s and Master’s programmes
- Bachelor in Pre-primary and Early Education (years 1 and 2) and Bachelor in Pre-primary Education: our training of pre-primary and early education teachers takes place at our Brugg, Liestal, and Solothurn campuses.
- Bachelor in Primary Education (years 1–6): our training of primary school teachers is based in Liestal, Solothurn, or Zofingen. Alongside our standard course, we also offer a flexible primary education course on a distance learning basis, a post-diploma course in primary education, and two further courses covering
the midway stage of primary school and the teaching of English at primary school.

– Our secondary education (level I) courses (years 7–9) lead to a Bachelor’s plus Master’s degree. Secondary teachers (level I) are trained in Aarau, Solothurn, or Basel.

– Secondary education (level II – grammar school): we offer a Master’s programme in upper secondary education at our Basel campus.

– The Institute for Special Education and Psychology in Basel runs Bachelor’s programmes in speech and language therapy, as well as a Master’s in school orthopaedagogy and early intervention / early childhood education for children with special needs.

**The School of Teacher Education FHNW – your partner for scholastic development, continuing education, and educational advice**

With our broad-based continuing education programmes and specialist research, we are at the cutting edge of tomorrow’s education. Our activities are purposefully geared towards the sustained professionalisation of the teaching profession.

**Continuing education and educational advice**

At the School of Teacher Education FHNW, we offer established teachers continuing education opportunities and educational advice at every level. These services are targeted at today’s school environment and embrace both the current needs of the real world and its future requirements.

The Institute for Continuing Education and Educational Advice, one of the School’s affiliated institutes, provides the region of northwestern Switzerland with continuing education and post-diploma courses, management training, as well as expert consultancy and services.

**Research and development**

Research and development serve the continuous professionalisation of the teaching profession. Our academically well-founded and discriminatory pool of knowledge is geared towards helping teachers thrive in an increasingly complex educational environment. Our Institute for Educational Research and Development comprises a number of centres of competence in which specific research and development projects are undertaken.

**International networking – more than just a slogan**

The School of Teacher Education FHNW cooperates closely with universities and colleges from beyond Switzerland’s borders and maintains an international network of educational relationships, thus assuring the exceptional educational mobility of its students.

– ERASMUS-programme: we are actively committed to ERASMUS, the EU’s flagship education and training programme.

– Colingua: we work in partnership with various teacher training institutes in the Upper Rhine region, offering joint academic programmes and conducting joint research and development activities. Within the cooperative ‘Colingua’ venture, we offer a tri-national Master’s programme for in-service teachers.

– In cooperation with the University of Connecticut (USA) and the National Research Center on the Gifted and Talented (USA), the Institute for Continuing Education runs a Master of Advanced Studies (MAS) and a Master of Arts (UConn) to enhance the integrative promotion of gifted children, high-end learning, and potential-based differentiated learning for all students.

– We participate in intensive international collaboration through our various research centres. Our Centre for Literacy, Media and Speech, for instance, cooperates with various universities and institutions in no fewer than eight countries.

**Leading School of Teacher Education**

With more than 2’000 students attending our Bachelor’s programmes and some 30’000 attending our continuing education courses, we are the largest School of the University of Applied Sciences and Arts Northwestern Switzerland FHNW. We are also one of the leading teacher training institutes in German-speaking Switzerland.

Education determines what happens tomorrow. So why not enrol on one of our courses today!

**Contact**

University of Applied Sciences and Arts Northwestern Switzerland FHNW

School of Teacher Education

Mobility

Baslerstrasse 43

CH-5201 Brugg

T +41 848 012 210

internationalemobilitaet.ph@fhnw.ch

www.fhnw.ch/ph
Switzerland – a small but diverse country

Switzerland is one of Europe’s smallest countries, with the Alps at its core. Surrounded by the great continental cultures (Austria, France, Germany, and Italy), its central position and control of the alpine passes have made Switzerland a classic transit region. It is a small but diverse country where you will find high-tech precision industrial leaders next to rustic farmers, modern architecture next to Roman amphitheatres and medieval buildings, or international life-style cities next to quiet forests, hills, and mountains.

Switzerland has less than 8 million inhabitants but manages to nurture four official languages. The majority of the population speaks German, followed by French, Italian, and Rhaeto-Romanic, an ancient derivate of Latin. Switzerland is peaceful and orderly. Trains run on time, the locals tend to be reticent but friendly, and schools provide quality education.

Good infrastructure and a wide selection of programmes

The University of Applied Sciences and Arts Northwestern Switzerland FHNW is one of the largest state-accredited universities of applied sciences and arts in Switzerland. The FHNW provides undergraduate education, continuing education, consulting, and applied research & development. At the same time, it offers a greatly enhanced infrastructure and a wide choice of programmes and facilities.

There are currently nine schools:
Applied Psychology | Architecture, Civil Engineering and Geomatics | Art & Design | Business | Engineering | Life Sciences | Music | Social Work | Teacher Education

Each school operates between 3–12 institutes. About 9’000 undergraduates and graduate students are currently enrolled. The University of Applied Sciences and Arts Northwestern Switzerland has schools located in the four northwestern Swiss cantons: Aargau, Basel-Landschaft, Basel-Stadt, and Solothurn. We are headquartered in Brugg, and our main campuses are located in Basel-Muttenz, Olten, and Brugg-Windisch.

Northwestern Switzerland with its three main cities

The northwestern area of Switzerland has borders with Germany to the north and France to the west. Lying to the south of the River Rhine, the region’s principal characteristics are densely populated villages, smaller and larger towns, and a lovely countryside with hills, forests, and rivers, far away from the beaten track. The three major cities of this area are home to the main FHNW campuses.

Basel – a pocket-sized metropolis

Basel is Switzerland’s third largest city, with a population of about 170’000. Located on the border with France and Germany, Basel is a progressive, environmentally conscious, international, and cohesive cultural, educational, and economic metropolis. It successfully combines small-town features with the advantages of a city. With its social dynamism and strong, innovative economy, Basel is a lively border city. Basel is also a green city, with at least one park in every neighbourhood. It is a cosmopolitan city, not just as the centre of a conurbation of 700’000 people living in three countries (Switzerland, Germany, and France), but also as a home to citizens of some 150 nations.

Basel’s history goes back to the first century BC with a Celtic settlement on the River Rhine, from where the city developed as a busy trading centre through the Middle Ages. During the Renaissance, it was one of the great cities of the Humanist movement (Erasmus lived and died here). At that time, the University of Basel was founded (1460) and the town has since developed into one of the major centres of the European pharmaceutical industry, and into a leading centre for banking and insurance. It is home to about 20 museums and hosts both ART BASEL, the highly acclaimed and most important annual international fair for contemporary art, and Baselworld, the famous fair for watches and jewellery.

Brugg, a medieval town situated between three rivers

The medieval town of Brugg, situated where the rivers Aare, Reuss, and Limmat merge, was originally an important Habsburg fort. For the first several hundred years of its existence, the Habsburg armies would gather here, and the Habsburg kings built monasteries and castles in the beautiful area.

Brugg has, of course, expanded significantly over the centuries and become a modern industrialized city still benefitting from its scenic environment and important logistic proximity to the rivers leading to Basel and to Germany. Its expansion also includes the merger with the town of Windisch, which dates back to a first-century Roman camp.
Brugg-Windisch offers many cultural attractions (Roman and Habsburg) and significant leisure opportunities, including Schinznach spa. Other major cities, especially Baden and Zurich, are less than half an hour away.

**Olten – the Swiss railnode at the foot of the Jura mountains**

Olten is where the national railway system began and so can legitimately consider itself the railnode of Switzerland. The cities of Zurich, Berne, Basel, and Lucerne can be reached within just over half an hour. There are fast and frequent connections to Zurich and Basel airports and to major European cities. This central location has also contributed to Olten becoming a popular conference centre. Thanks to trade, commerce, industry and well-established schools, it has developed into a lively small city at the heart of a flourishing region. The River Aare flows through its midst, to the northwest lie the Jura mountains, and on a clear day you can see the Alps to the south. A wide cultural programme and practically every type of sport is available for recreation and relaxation.
Rhein River, Basel
Barfüsserplatz, Basel
Townhall, Solothurn
Wildegg Castle, Canton of Aargau
Lake Hallwil, Eichberg