

Berne University of Applied Sciences

School of Architecture, Civil and Wood Engineering HSB

BURGDORF



DEGREE PROGRAMMES

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| Bachelor of Science 3-year programme: | Bachelor of Science in Architecture Bachelor of Science in Civil Engineering Bachelor of Science in Wood Engineering |
| Master programme 2-year programme: | Master of Science in Architecture degree (Joint master with the university of applied science western Switzerland) |

CONTACT INFO

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| Visiting address: | Berne University of Applied Sciences School of Architecture, Civil and Wood Engineering HSB, Burgdorf, Biel | Admissions contact: Tel. Fax: Email: Website: | International Office 00 41 (0)34 426 41 41 00 41 (0)34 423 15 13 office@hsb.bfh.ch http://www.hsb.bfh.ch |
| | Pestalozzistrasse 20 P.O. Box 1058 CH-3401 Burgdorf | Head of Architecture: Head of dept. Master: | Peter Boelsterli Stéphanie Cantalou |

GENERAL INFO

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| Application deadline: | Please contact school for more information. |
| Tuition and fees: | Please contact school for more information. |
| Accommodation: | Accommodation can be provided. |
| Setting: | The Faculty of Architecture is situated in the city of Burgdorf, near to the capital Berne. The school is easy to reach by public transport. 6000 students, 20 % female, 5 % foreign-exchange students |
| Student population: | Please contact school for more information. |
| Faculty: | Please contact school for more information. |
| Student service/activities | Please contact school for more information. |
| Facilities: | Good infrastructure: studios, class-rooms, auditorium, library, laboratories |
| Admission requirements: | For Bachelor degree's: diploma of higher secondary education, including Math and Physics. For Master degree's: please inquire at the institution for more information. |
| Language: | In the Bachelor programmes the language of instruction is German. Because the Joint master is a co-operation with two architecture schools of the French-speaking part of Switzerland, the required languages are French and German. Most of the staff speaks English. |

Profile of the school

Designing, edifying and enlivening space
The School of Architecture, Civil and Wood Engineering HSB, as one of the six training sites within the Berne University of Applied Sciences, is one of the leading Swiss universities of applied sciences in the construction trade and engineering. HSB is considered a competence centre with both national and international reputation and links. In wood technology, it is considered the only university of applied sciences of its kind in Switzerland and stands comparison with international standards. HSB is multicultural, and places particular emphasis on the mastery of a variety of languages (German, French, English to some extent), especially in Biel.

Structure of the curriculum

HSB provides a wide range of study courses: workshops, excursions, design studios and six-month projects in cooperation with the Department of Research and Development, ensuring a high level of practical relevance. Since architecture and engineering are closely related, students receive an extensive insight into the fields of activity of the entire building industry – including a half-year internship in a foreign partner institute upon request. HSB graduates are very much in demand on the job market. The focal point of the training curriculum at HSB consists of processes, building management, production and processing technology, geotechnology and multi-storey construction.

Research programme

The field of application-oriented research and development (R+D) in architecture, civil and wood engineering offers holistic solutions. The research activities at HSB are oriented towards practical life, with the objective of indicating advanced themes and solving everyday industrial problems quickly and in an innovative manner. A team of approximately 100 engineers, architects and other specialists works in close cooperation with researchers from other universities of applied sciences, the Federal Institutes of Technology, universities and other research institutions, both national and international. This makes HSB the ideal partner for small, medium-sized or large companies as well as for the public authorities.



Bachelor programme

Like all universities of applied sciences in Switzerland, HSB has implemented the Bologna Agreement and replaced the former curriculum with a Bachelor of Science curriculum. The curriculum is organized in modules, with a full-time course of study lasting six semesters. Each division offers several in-depth specialisations enabling to concentrate on individual focal points in the chosen field of study. Performance is evaluated according to the ECTS (European Credit Transfer System) point system.

The Division of Architecture in Burgdorf seeks to establish a strong link with the «production» and «craft» of architecture. The concrete demands made on architects in practice form the basis of training. With its three in-depth specialisations, the Division of Architecture offers a unique range of study options in Switzerland.

In-depth specialisations: «Design», «Management» and «Technology»

Master programme

As one of the first Swiss training centers, HSB offers a Master's Degree in Architecture. This new «Joint Master's Degree» is a curriculum offered together with two universities of applied sciences of the French-speaking part of Switzerland.

The curriculum is intended to awaken an understanding for the interdependence of the economic, social and technical factors, and prepares students for leadership positions. It is characterised by an integrated, dynamic teaching structure and covers a supra-regional, multicultural and bilingual area, which, in the construction industry, is unique in Switzerland in this form.

Advanced and Further Training

In addition to the training of executives for the construction and wood industries, the continued education of professionals from these sectors is a second major task of HSB. Over 2,000 people attend our extensive range of advanced and further training courses, consisting of technical courses, seminars, field trips, postgraduate studies and postgraduate certification courses, both in Switzerland and abroad.

PhD programme

There is no PhD programme at this time.