Business Informatics

As a rule, the design and realisation of IT solutions is often done in team projects with specialists from different departments, such as marketing, sales, production and logistics. In such teams business informatics specialists not only have a central mediating role, but also a leadership role. So they must have a solid education in informatics as well as in-depth knowledge of business administration and economics and – finally – language and social skills.

Fribourg profile
Correspondingly, on the one hand the bachelor programme in Business Informatics at the University of Fribourg provides a challenging basic education in computer science, which, in addition to the typical subjects such as information systems, project management, security, etc., also includes programming and quantitative methods. On the other, a substantial part of the course of studies comprises the study of business administration and economics, especially during the first and second academic years. During studies, great emphasis is placed on practical relevance, both when teaching and in independent work. Therefore the bachelor’s thesis typically deals with a concrete problem posed in cooperation with a company. The study programme is also multilingual, with some of the lectures held in German and others in French with additional material in English. Experience shows that students not only master but also enrich the valuable language skills referred to, not least thanks to the good support and the multilingualism practiced during training exercises and examinations.

Learning outcomes and career openings
The University of Fribourg bachelor’s degree in Business Informatics provides a solid foundation for a professional career. It makes it possible to enter directly into professional life or to tackle a master programme in Business Informatics, in order to open up an even wider range of career prospects. The majority of bachelor graduates pursue their master programme at the University of Fribourg and profit, among other things, from the wide range of courses in the Swiss Joint Master in Computer Science of the Universities of Bern, Neuchâtel and Fribourg (see study programme «Computer Science»), an attractive master programme in Computer Science made possible by the cooperation between the three Swiss universities. They gain access to the other universities, even if they are enrolled in Fribourg.

The need for well qualified specialists in business informatics is and remains high: increasingly, a lack of such professionals is expected. As a business informatics specialist, graduates help design the future – in industry, trade, administration, the service sector and research. All in all, they have the best prerequisites for a successful start in a professional career.

Video presentation of the bachelor and master programmes «Business Informatics»:
https://www.youtube.com/watch?v=6jhK0Xx4T5g (French)
https://www.youtube.com/watch?v=p9s4TI-WPOA (German)

Structure of studies
180 ECTS credits, 6 semesters

Curriculum
https://studies.unifr.ch/go/i (French)
http://studies.unifr.ch/go/i5uLu (German)

Admission

The following Swiss school-leaving certificates grant admission to bachelor programmes at the University of Fribourg:

- Swiss academic Maturity Certificate
- Federal vocational or specialised Baccalaureate + supplementary examination of the Swiss Maturity Commission (passerelle)
- Bachelor Degree from a Swiss university, from an accredited Swiss university of applied sciences (HES/FH) or from a Swiss university of teacher education (HEP/PH)

A complete list of all further recognised Swiss school-leaving certificates is to be found on the webpages of swissuniversities (in French and German only): https://studies.unifr.ch/go/fr-admission-swisscertificates; https://studies.unifr.ch/go/de-admission-swisscertificates

Foreign upper secondary school-leaving certificates are recognised only if they correspond substantially to the Swiss Maturity Certificate. They must qualify as general education. Foreign school-leaving certificates are considered to be general education if, among other things, the last three years of schooling include at least six general education subjects, independent from each other, in accordance with the following list:

1. First language
2. Second language
3. Mathematics
4. Natural sciences (biology or chemistry or physics)
5. Humanities and social sciences (geography or history or economics/law)
6. Elective (computer sciences or philosophy or an additional language or an additional subject from category 4 or 5)

The general admission requirements to the bachelor programmes at the University of Fribourg for holders of foreign school-leaving certificates as well as the admission requirements for individual countries are to be found on the webpages of swissuniversities: http://studies.unifr.ch/go/en-admission-countrylist
In addition, foreign candidates must present proof of sufficient language skills in French or German. All guidelines are available at (only in French and German): https://studies.unifr.ch/go/adm-guidelines

The assessment of foreign school-leaving certificates is based on the «Recommendations for the Assessment of Foreign Upper Secondary School-Leaving Certificates» adopted by the Chamber of universities of swissuniversities on 11.11.2021 (https://studies.unifr.ch/go/swissuniversities21fr; https://studies.unifr.ch/go/swissuniversities21de). The admission requirements are valid for the respective academic year. The Rectorat of the University of Fribourg reserves the right to change these requirements at any time.