Biomedical Sciences

Degree conferred
Bachelor of Science in Biomedical Sciences

Languages of study
Study in two languages, in French and German

Commencement of studies
Commencement of studies only in the Autumn Semester (September)

Access to further studies
Master

Profile of the study programme

This Bachelor's programme in biomedical sciences is for students interested in the scientific aspects of human medicine; preparing for a career in biomedical research or in other areas of the health system. The course of study is based on a systemic biological approach focused particularly on the human being. Emphasis is on studying the response of organs to changes in the environment and the adaptation mechanisms involved, inside or outside the human organism. It combines teaching the most modern research methods in living sciences and basic education similar to that of the medical curriculum. Practical work and internships in research groups also favour the acquisition of fundamental know-how. Holders of this degree can then access Master's studies in biomedical sciences within the framework of the inter-university convention between the Universities of Fribourg and Berne (BEFRI).

Learning outcomes and career openings

Holders of this degree can then access Master's studies in biomedical sciences within the framework of the inter-university convention between the Universities of Fribourg and Berne (BEFRI). The study programme is organised by the Faculty of Medicine of the University of Berne; the Master's thesis may, however, also be carried out at the University of Fribourg. All BEFRI biomedical studies allow the student to acquire in-depth complementary knowledge in the medical field, which will open up possibilities in different careers in research, industry, economy or administration.

Organisation des études

Structure of studies

120 ECTS credits + 60 ECTS credits in one or two minor study programmes freely chosen, 6 semesters

Curriculum

http://www.unifr.ch/science/plans/plans_e.php

Admission

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

- Swiss academic Maturity Certificate
- Swiss professional Maturity Certificate in conjunction with the supplementary exam certificate from the Swiss Maturity Commission
- 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 recognized Swiss school-leaving certificates is to be found on the webpages of swissuniversities (in French and German only):
https://www.swissuniversities.ch/en/services/admission-to-universities/schweizerische-ausweise/
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 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 (native language)
2. Second language
3. Mathematics
4. Natural sciences (biology, chemistry or physics)
5. Humanities and social sciences (geography, history or economics/law)
6. Elective (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:

https://www.swissuniversities.ch/en/services/admission-to-universities/countries/

In addition, foreign candidates must present proof of sufficient language skills in French or German.

The assessment of foreign school-leaving certificates is based on the «CRUS Recommendations for the Assessment of Foreign Upper Secondary School-Leaving Certificates, 7 September 2007» (http://studies.unifr.ch/go/crus07en). 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.

Contact

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