Geography

Degree conferred
Bachelor of Science in Geography

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

The study of geography provides students with a deeper understanding of processes in nature and society and their increasingly complex interrelationships. Geography is a discipline of great social relevance. For this reason, students are required to address current issues concerning the environment, such as climate change, urbanisation or scarcity of resources. Students acquire knowledge in the three main branches of geography: human geography, physical geography and geographical information systems. In addition to this they have to write their own research paper.

The geography course at the University of Fribourg pays particular attention to the relevance and concrete applications of the knowledge students have acquired. The study programme provides them with scientifically-grounded, practice-oriented qualifications which open the door to appropriate career opportunities.

Profile of the study programme

Motivation
Geography is a highly application-oriented and socially relevant science which is concerned with issues of the environment such as climate change, urbanisation or scarcity of resources. Such changes take place at a relatively fast rate and present significant challenges to today's society. Nowadays it is only possible to tackle these highly complex process chains between nature and society using a highly interdisciplinary approach to solution-finding. This is precisely where integrative geography makes a significant contribution. The key research objects of geography are time and space – that is to say processes of particular relevance for society which take place on various temporal and spatial scales. Geography is a highly interdisciplinary subject which is at the intersection between natural and social sciences.

The Bachelor's degree in Geography gives students an in-depth knowledge of processes which are characterised by the increasing interrelationships of nature and society. At present, three main branches of geography are taught in the Bachelor's programme at the University of Fribourg. These are human geography, physical geography and the field of geographical information systems. They give a comprehensive insight into the condition and processes of the lithosphere, hydrosphere, cryosphere, biosphere and atmosphere, and provide an understanding of economic, urban and political developments, and their consequences for the environment.

Learning outcomes and career openings
The aim of the Bachelor's course is to give students a scientifically-grounded, practice-oriented qualification which is relevant to their future professional career and opens up suitable employment opportunities. Special emphasis is placed on the relevance and application of the skills they have acquired. In the two subject areas human and physical geography, students acquire a comprehensive fundamental knowledge and understanding of the relationships between nature and society and their influence on the various spheres. Applying the scientific methods they have learned, such as geographical information systems, graduates are also capable of analysing spatial problems on various levels of scale and assessing, interpreting and evaluating the significance of various aspects from different perspectives in order to deduce possible solutions. By preparing a research paper, students learn, with close supervisory assistance, how to examine scientific and socially relevant questions independently.

By building consistently on the contents of these common study foundations, students acquire a broad range of basic geographical knowledge in physical geography, human geography and geographical information systems. At the end of their studies they are optimally qualified to work in diverse areas of business, administration or science. Geographers generally find employment in their preferred field of activity without any delay.

Studies organisation

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

Curriculum
http://studies.unifr.ch/go/mkY5 (French)
http://studies.unifr.ch/go/0fTFn (German)

Admission
The following Swiss school-leaving certificates grant admission to Bachelor programmes at the University of Fribourg:
- Swiss academic Maturity Certificate
- Swiss vocational or specialised Baccalaureate 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/FH)
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): \url{http://studies.unifr.ch/go/en-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 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: \url{http://studies.unifr.ch/go/en-admission-country-list}

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» (\url{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.

Alternatives

Also offered as a minor study programme (60/30 ECTS credits).

Contact

Faculty of Science and Medicine
Department of Geosciences
Prof. Christine Bichsel, study advisor
geo-scimedi@unifr.ch
\url{http://studies.unifr.ch/go/en-geosciences}