Computer Science

Degree conferred
Master of Science in Computer Science (BENEFRI)

Languages of study
Study in English

Commencement of studies
Commencement of studies in the Autumn Semester (September) or in the Spring Semester (February)

Access to further studies
Ph.D.

This study programme is part of the Swiss Joint Master in Computer Science jointly offered by the Universities of Fribourg, Bern and Neuchâtel, providing students with a unique multilingual and multicultural learning environment. Students work closely with one or more research groups of the three participating institutes. Students can create a personalized curriculum from courses, seminars and internships offered by the three. Teaching units are grouped into tracks reflecting different profiles in computer science. Most courses are taught in English, although some may be offered in only French or German. The programme can be completed in three full-time semesters. Personalized part-time curriculums are also available.

Profile of the study programme
This study programme at the University of Fribourg is part of the Swiss Joint Master in Computer Science (SJMCS) a programme jointly offered by the Universities of Fribourg, Bern and Neuchâtel. The Joint Master gives candidates with a Bachelor of Science in Informatics or related domains the opportunity to advance their knowledge in Computer science. Students work closely with one or more research groups of the three participating institutes. With this study programme, students benefit from a large, well-structured programme based on modern educational concepts. It combines the strengths of the three universities involved, forming one of the biggest Swiss university campuses offering just about everything that is typical for Switzerland. The SJMCS provides students with a unique multilingual and multicultural learning environment and is ideal for computer scientists who want to expand their horizons and open doors to a future career.

Students enrolled in the Joint Master's programme can create a personalized curriculum from over 60 courses, seminars and internships offered by the Universities of Bern, Neuchâtel and Fribourg (travel costs between universities are reimbursed). These teaching units are grouped into 6 tracks reflecting different profiles in computer science. Most courses are taught in English, although
university, provided that the bachelor's degree is recognised and considered equivalent by the University of Fribourg, who do not fulfill this condition can be admitted to a master's degree programme with preconditions (which must be successfully completed before starting the master's degree programme) and/or additional requirements (which can be completed during the master's degree programme). The preconditions and/or additional requirements may not exceed 60 ECTS credits in total. The same applies to holders of a bachelor's degree awarded by a Swiss university of applied sciences, according to existing agreements.

*The respective conditions of admission for each master's degree programme are reserved.*

**Alternatives**

Also offered as a minor study programme (30 ECTS credits) as part of the Diplôme d'Enseignement pour les Ecoles de Maturité (DEEM)/Lehrdiplom für Maturitätsschulen (LDM).

**Contact**

Faculty of Science and Medicine  
Department of Informatics  
Prof. Ulrich Ultes-Nitsche  
inf-scimed@unifr.ch  
http://studies.unifr.ch/go/en-computerscience