The Swiss Joint Master of Science in Computer Science (SJMCS) is a programme jointly offered by the Universities of Fribourg, Bern and Neuchâtel. This programme provides students with a unique multilingual and multicultural learning environment. Students work closely with one or more research groups of the three participating institutes. The programme can be completed in three full-time semesters. Personalised 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) and is designed to provide students with a broad range of courses from a number of disciplines, coupled with a scientifically sound and practice-oriented approach. The programme is particularly suited to preparing students for the job market, where interdisciplinary experience and practical skills are highly valued in qualified graduates. An SJMCS degree enables students to fill advanced positions in various economic sectors, including financial industries, high-tech companies, journalism and entertainment, public administration, teaching and continuing education, research, automation, gaming and sports, communication technology, engineering and knowledge management. It also gives them the opportunity to continue their studies towards a Ph.D. degree, offering further interesting employment opportunities in industry and academia. Graduates of the SJMCS have excellent career opportunities as computer scientists in high demand worldwide.

### Studies organisation

#### Structure of studies

90 ECTS credits + 30 ECTS credits as an option in a minor study programme, 3-4 semesters

For a list of the minor study programmes to choose from, please contact the Departement of Informatics of the Faculty of Science and Medicine.

#### Curriculum

[http://studies.unifr.ch/go/vBvMa](http://studies.unifr.ch/go/vBvMa)

#### Admission

Master's degree programmes are built on the knowledge and abilities that were acquired when obtaining a bachelor's degree.

Holders of a bachelor's degree awarded by a Swiss university are admitted to a master's degree programme without any preconditions if they have earned 60 or 90 ECTS credits – depending on the chosen master's degree programme – within the corresponding discipline. However, additional requirements can be required. The same applies to holders of a bachelor's degree awarded by a foreign university, provided that the bachelor's degree is recognised and considered equivalent by the University of Fribourg.

Holders of a bachelor's degree awarded by a Swiss or a foreign
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**

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