

Campus

An exciting campus in Switzerland:
linguistic and cultural diversity

Three universities – one campus with an international spirit and many advantages: benefit from great atmosphere, a rich cultural experience, and affordable housing.

Language skills and a multicultural background are sought after both at home and abroad – you can acquire both “en passant” at the most spirited campus in Switzerland. Live and study in style, while both living more affordably than in other university cities and benefiting from all of the attractions of Bern, Neuchâtel and Fribourg.

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UNIVERSITÄT
BERN



Bern

Study in the political capital of Switzerland, and enjoy the cultural life of the town and the range of summer and winter activities in the nearby Alps.
www.unibe.ch

unine
UNIVERSITÉ DE
NEUCHÂTEL



Neuchâtel

Study in this lively town with a Mediterranean touch – bask in the lake-side atmosphere and the French ambience.
www.unine.ch

UNIVERSITÄT
FRIBOURG
SCHWEIZ
UNIVERSITÉ DE FRIBOURG SUISSE



Fribourg

Study in Switzerland's historically famous bilingual city – live and breathe this unique Franco-German cultural experience.
www.unifr.ch

Your Professors

Over 30 faculty members with distinguished academic records will help you acquire challenging knowledge and important skills under optimal supervision.

(For a complete list consult mcs.unibnf.ch)



Prof. Dr Rolf Ingold
Document Voice and Image Analysis (DIVA)



Prof. Dr Matthias Zwicker
Computer Graphics Group (CGG)



Prof. Dr Peter Kropf
Distributed Systems



Prof. Dr Oscar Nierstrasz
Software Composition Group (SCG)



SNF-Prof. Dr Philippe Cudré-Mauroux
eXascale Infolab (XI)



Prof. Dr Gerhard Jäger
Theoretical Computer Science and Logic (TIL)



Prof. Dr Marino Widmer
Decision Support (DS)



Dr Carolin Latze
Computer Networks and Distributed Systems (RVS)



Prof. Dr Jacques Savoy
Automatic Language Processing / Information Retrieval



Prof. Dr Béat Hirsbrunner
Pervasive and Artificial Intelligence (PAI)



Dr Etienne Rivière
Dependable Systems and Networks



Prof. Dr Pascal Felber
Dependable Systems and Networks

FRUITKACHT

Take the Lead!

Swiss Joint Master in Computer Science of the universities of Bern, Neuchâtel and Fribourg



swissuniversity.ch

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mcs.unibnf.ch



MSc in Computer Science

3 semesters to become a first-rate professional in ICT

An opportunity to make a career move that will make a difference: Acquire the latest technical knowledge certified by a masters degree. Appropriate recognized methodologies. Master complex relationships and interactions.

The *Swiss Joint Master in Computer Science* offers a rich variety of subjects, options and specializations. You build your course of study according to your objectives and specific needs: specialize in your choice of subjects or graduate as a well rounded generalist. Study full-time and obtain your masters degree in 3 semesters – or complete your studies part-time at an agreed pace.

You have the choice

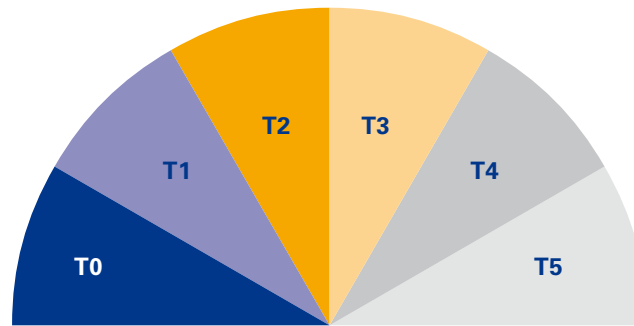
The study curriculum – with you in mind

You choose the blend and the direction of your studies: Pick 12 teaching units that best meet your needs from a range of 45 courses and additional seminars.

Courses, seminars, internships and other forms of teaching are bundled into 6 tracks.

- **T0** General
- **T1** Distributed Systems
- **T2** Advanced Software Engineering
- **T3** Advanced Information Processing
- **T4** Logic
- **T5** Information Systems and Decision Support

Specialize by completing at least 5 teaching units of the track of your choice. Write your masters thesis in your area of specialization.



Master 90 ECTS credits: successful completion of the 12 individually chosen teaching units leads to 60 ECTS credits – the masters thesis is rewarded with 30 ECTS credits.

12 teaching units: 60 ECTS credits				Masters thesis: 30 ECTS credits
5 ECTS	5 ECTS	5 ECTS	5 ECTS	30 ECTS
5 ECTS	5 ECTS	5 ECTS	5 ECTS	
5 ECTS	5 ECTS	5 ECTS	5 ECTS	

Benefits

Our masters will exceed your expectations

The curriculum offers a large selection of courses and maximum flexibility; smooth transitions and recognized credits between the three universities.

Nowhere else you can design your masters studies so individually – the rich offerings of the three universities of Bern, Neuchâtel and Fribourg will thrill you. The course schedule is aligned with the train timetable – you move between the sites without stress. Related travel costs are largely reimbursed by the universities.

While English is the preferred language of instruction you benefit from the multilingual environment and the large offer of language courses.

International

The Swiss Joint Master program is open to students holding a *Bachelor in Computer Science* from a Swiss university or from any one of a large number of foreign universities. Degree holders with similar qualifications are welcome to apply and can be accepted under tailored conditions.

This *Master of Science in Computer Science* will enrich your professional qualifications. Living on the most spirited campus in Switzerland will enhance your communication skills in several languages and cultures.



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