

Swiss Joint Master of Science in Computer Science

Building on its successes, computer science faces new challenges related, for example, to the management and intelligent processing of enormous volumes of information, data protection and privacy requirements, the need for a greater understanding of natural language, and the development of effective, secure, reliable, and scalable socio-technical systems.

This degree is unique in Switzerland and is part of the BeNeFri programme (Universities of Bern, Neuchâtel, and Fribourg). The programme combines theoretical knowledge from the academic field with practical expertise from the economic and social fabric. Firmly anchored on three pillars: information, networks, and architecture - it allows students to develop complementary skills through elective courses in related fields.

● Structure

The programme consists of lectures with assignments, seminars or other forms of teaching, and a master's thesis. It comprises 90 ECTS credits, consisting of 60 ECTS credits of teaching units and 30 ECTS credits of an individual master's thesis.

Teaching units are grouped into 7 tracks reflecting different profiles in computer science. In order to ensure sufficient diversification, students choose teaching units from at least 3 different tracks. Students who want to specialize in a particular track complete at least 5 units from that track and write their master's thesis on a topic related to the chosen track.

● Career opportunities

The degree enables students to take up positions of responsibility in a wide range of economic sectors, including finance, high-tech companies, journalism and entertainment, administration, education and continuing education, research, robotics, gaming and sports, communication technology, engineering, and knowledge management. Graduates of this programme enjoy excellent career prospects, as IT specialists are in high demand worldwide.

● Joint degree



Degree awarded

Master of Science in Computer Science

Credits

90 ECTS, 3 semesters

Teaching language

English

Conditions for admission

This programme is open to students holding a Bachelor of Science in Computer Science from a Swiss university, or an equivalent title from a foreign university. Holders of a different type of degree with a minor in computer science can also apply (prerequisites may be required).

Application deadline

April 30 for the autumn semester (mid-September)
November 30 for the spring semester (mid-February)

Registration

Bureau des immatriculations
Av. du 1er-Mars 26
CH-2000 Neuchâtel
+41 32 718 10 00
www.unine.ch/admission

Information

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Further information

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