

A MASTER DEGREE OR A MINOR IN CSE



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Since September 2009 the School of Basic Sciences, together with professors, teachers and scientists from all the other Schools, offers a Master and a Minor program in Computational Science and Engineering (CSE).

The number of students is growing fast and these programs already comprise 23 students, among them, 16 Master students, 5 hold a Bachelor from the EPFL and the others coming from China, France, India, Iran, Italy, Pakistan, Spain, and United States. The background of the students is very wide: Mathematics, Physics, Electrical and Electronic Engineering and Mechanical Engineering. The Minor program is evolving in a similar way. Two students from SIE (ENAC) have already finished their Master with a Minor in CSE. This shows the wide range of applications and interests in computational science and engineering.

The CSE Master is a 2-year program at EPFL. The courses are divided into three different sections: (1) the core courses including the background in

mathematics, HPC, and modeling, (2) three groups of lectures on advanced modeling and algorithms and (3) the projects. Through these latter the students have a direct insight to the developments in CSE that are done in the labs at EPFL and in the industry.

Holding a CSE Master from the EPFL opens the doors to the industry in software engineering, environmental engineering, mechanical engineering, financial services, chemical and pharmaceutical R&D. It is also a strong asset for a PhD in computational science. ■

CONTACTS AND DETAILS ON
<http://cse.epfl.ch>