Computational Science and Engineering (CSE)  
(an interdisciplinary curriculum)

Solving interdisciplinary problems from Science and Engineering using computers

Contents
Interdisciplinary education in
- Mathematics (including modelling and algorithms)
- Computer Science (including visualisation and computer architecture)
- at least one application area in Science and engineering

Goal
Analysing and solving scientific problems computationally

Bachelor  BSc ETH CSE
Basic Studies (first year) also in another curriculum at ETH Zurich
180 credit points (ECTS) in
- Basic Studies (first year)
- mandatory Basic Courses
- Core Courses, eligible Fields of Specialisation and Elective Courses
- Bachelor Thesis
Preparing students for high quality Master curricula

Master  MSc ETH CSE
One year of studies followed by a Master Thesis
90 ECTS in
- Core Courses, eligible Fields of Specialisation and Elective Courses
- Term Paper
- Master Thesis
Preparing students for a successful professional career in research in industry and/or on a university level

www.cse.ethz.ch