
Master's Program in Computer Science – Master's Track in Distributed Systems

Please find further information on how to plan your studies and the least amount of credits per course category in the Study Guide. Each individual study plan needs to be approved by the student's mentor.

Core Focus Courses

At least two Core Focus Courses must be chosen:

Title	Credits	Semester
Advanced Operating Systems	6	autumn
System Security	5	autumn
Principles of Distributed Computing	6	spring

Elective Focus Courses

Title	Credits	Semester
Distributed Systems Lab*	10	autumn
Verteilte Algorithmen	4	autumn
Advanced Computer Networks	5	spring
Distributed Systems Lab*	10	spring
Information Systems Lab*	10	spring
Ubiquitous Computing	3	spring
User Interface Engineering	4	spring

* Only one lab is allowed to be accounted.

Seminar in Focus

At least one Seminar must be chosen:

Title	Credits	Semester
Communication Networks Seminar	2	autumn
Hardware Acceleration for Data Processing	2	autumn
Seminar in Distributed Computing	2	autumn
Ubiquitous Computing Seminar	2	spring

Elective Computer Science Courses

Of all Master level courses offered by D-INFK at least one course must be chosen.

Inter Focus Courses

At least two of the following three Labs must be chosen:

Title	Credits	Semester
Advanced Systems Lab	6	autumn
Algorithms Lab	6	autumn
Computational Intelligence Lab	6	spring

Elective Courses

All Master level courses offered by ETH Zurich, EPF Lausanne and the University of Zurich may be chosen. Please see the Study Guide for restrictions on language courses.

GESS Courses

One course offered by GESS: www.gess.ethz.ch

Master's Thesis

The supervisor of your Master's thesis must be a member of your specialization area of D-INFK.

Mentors

Prof. Gustavo Alonso

Prof. Friedemann Mattern

Prof. Timothy Roscoe

Prof. Otmar Hilliges

Prof. Roger Wattenhofer

Prof. Ankit Singla