
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
Enterprise Application Integration	6	autumn
Principles of Distributed Computing	6	spring

Elective Focus Courses

One Lab must be included.

Title	Credits	Semester
Data Processing on Modern Hardware	4	autumn
Distributed Systems Lab	10	autumn
Verteilte Algorithmen	4	autumn
Advanced Computer Networks	5	spring
Distributed Systems Lab	10	spring
Information Systems Lab	10	spring
Practical Programming Language Tools for Low-Level Programs	5	spring
Ubiquitous Computing	3	spring

Seminar in Focus

At least one Seminar must be chosen:

Title	Credits	Semester
Advanced Topics on Information Systems	2	autumn
Seminar in Distributed Computing	2	spring
Distributed Systems Seminar	2	spring
Information and Communication Systems	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. Roger Wattenhofer

Prof. Donald Kossmann