2 YEAR PROGRAMME

Master’s degree in Computer Science 120 cr

- Advanced studies in computer science 80 cr
- Core studies 15 cr
- Study track specific studies 30 cr
- CS colloquium 5 cr
- Master’s thesis 30 cr
- Other studies 40 cr
Core studies 15 cr
2 courses offered by each study track
-> pick 3 courses from 6 options

Algorithms
- Discrete algorithms 15 cr
- Machine learning 15 cr

Networking and services
- Networking 15 cr
- Security 15 cr
- Collaborative and Interoperable systems 15 cr
- Human Computer Interaction 15 cr

Software systems
- Software engineering 15 cr
- Programming techniques 15 cr
- Data management 15 cr
• Master’s thesis presentations
• PhD student presentations
• Research talks
• Project presentations
• Invited talks
• Academic writing / peer review
PATH TO MASTER’S THESIS

• Core studies -> study track -> module -> seminar -> thesis

  CS colloquium guides the process

• Seminars 5 cr
  • Like earlier 3 cr seminars but with more content
  • Like earlier 3 cr seminars but with an associated hands-on project

• Master’s thesis 30 cr
  • As good as before but can be shorter, targeting average ~45 pages
CORE COURSES

• Pick any 3 of the following:
  • Design and Analysis of Algorithms
  • Introduction to Machine Learning
  • Distributed Systems
  • Networked Systems and Services
  • Introduction to Big Data Management
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• Advanced Module in Computer Science, 15 cr, 25 cr, 35 cr,…
  • Any collection of advanced courses in CS

  • No compulsory seminar here
  • CS students can also include one of these as secondary module in addition to the main module that includes a compulsory seminar