University of Stuttgart
Germany

Information for MSc Computer Science

[indicative information for students; German version of the original documents is legally binding; in cases of doubt, please contact S. Anstein / K. Schneider]

M.Sc. Computer Science (English), University of Stuttgart

Majors („Studienprofile"): Autonomous Systems / Service Technology and Engineering / Visual Computing

study plan **suggestion (flexible)**

Semester	Compulsory modules	Catalog Core* [24CP]	Catalog Extended* [12CP]	Catalog Breadth* [12CP]	Catalog Elective* [30CP]	total ECTS Credit Points**
E	Theoretical and Methodological Foundations of \<major> [6CP]	Core modules worth 12CP	Extended modules worth 6CP	Breadth modules worth 6CP		30
2	Advanced Seminar Computer Science [3CP] Key Qualification („SQ") [3CP]	Core modules worth 6CP	Extended modules worth 6CP	Breadth modules worth 6CP	Elective modules worth 6CP	30
3		Core modules worth 6CP			Elective modules worth 24CP	30
4	Master's thesis [30CP]					30

*) The modules offered in the catalogs can be found in C@MPUS (Search – Degree Programmes).

**) 6CP are typically gained by 3V(lecture)+1Ü(exercise) = 4SWS = 3h/week.

General plan of the program (flexible!)
- suggestion how to go through the program – changes in the order of modules are ok

- duration of program
  - 4 semesters = regular duration
  - at most 9 semesters time (check your visa regarding this – not all students are allowed to stay longer than 4 semesters)

- compulsory subjects

  - Theoretical and Methodological Foundations of \<major> (6 CP)
  - Advanced seminar Computer Science (3 CP):
    Seminar to get acquainted with research methodologies and scientific work
  - Key qualifications (3 CP)
    Obligatory for all students of the university –
    registration necessary (previous to the start of the semester)

- catalog modules = specific contents for each major

  - rules: 4 modules from CORE (in total 24 CP; very close to major)
    2 modules from EXTENDED (in total 12 CP; broader)
    2 modules from BREADTH (in total 12 CP)
    ELECTIVES: further modules (in total 30 CP)

    - modules from Bachelor programs can be used to a maximum of 6 CP for Extended, 6 CP for Breadth and 6 CP for Elective – only if confirmed by examination board

    - examination board can include further modules in each of the catalogs, if useful

- Master thesis
  - professor from Computer Science department is allowed to define topic
  - you need at least 60 CP to start the Master thesis
  - duration: 6 months – can be extended ONCE by at maximum 3 months
    (only for certain reasons; examination board will decide)
  - talk has to be given about the Master thesis topic
  - guidelines how to hand in the Master thesis: on exam board website
  - will be evaluated by 2 professors

Exam regulations
- indicative English version here:
  http://www.uni-stuttgart.de/pruefungsamt/studiengaenge/intmsc/PO_ComputerScience_MSc_engl.pdf

- describe what is possible and what is not during the program

- regarding examinations
    - you need to register for exams
    - you can de-register from any exam until 7 days before it takes place – later de-registration is only possible with a medical certificate; examination board will decide about the acceptance
    - you cannot de-register from exam repetitions
    - you can only repeat exams you failed
    - one repetition is allowed for each exam – no influence on the grade
    - 2nd repetition is allowed only 3 times during the whole Master program (if you fail a written 2nd repetition, your last chance is a final oral exam)
    - repetitions have to be carried out at the next possible date (in general after the following semester) – re-registration is necessary!

- together with his/her academic advisor, every student should fill in a progress certificate for both years of the program (for own record) – will help to finish the program successfully

Exam registration
- one registration period in each semester (May/November)
- screenshot recommended

Module handbook / Module tree in C@MPUS
- collection of all modules that belong to your program
- each module description includes an overview over contents/aims, name of the person responsible & the lecturer, no. of CP, literature, exam number, …

Links

- link to the welcome meeting slides and handouts:
  https://www.informatik.uni-stuttgart.de/studium/interessierte/msc-studiengaenge/msc-computer-science/contact/index.html

- C@MPUS: online platform for finding current courses / personal schedule / exam registration:
  http://campus.uni-stuttgart.de

- ILIAS: online platform for slides & further course information: https://ilias3.uni-stuttgart.de

CONTACT

student advisor: Stefanie Anstein
Pfaffenwaldring 5b, office 01.006; stefanie.anstein@ims.uni-stuttgart.de 0711 68581387