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

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

<table>
<thead>
<tr>
<th>Semester</th>
<th>Compulsory modules</th>
<th>Catalog Core</th>
<th>Catalog Extended</th>
<th>Catalog Breadth</th>
<th>Catalog Elective</th>
<th>Total ECTS Credit Points</th>
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</thead>
<tbody>
<tr>
<td>E</td>
<td>Theoretical and Methodological Foundations of &lt;major&gt; (6 CP)</td>
<td>Core modules with 12CP</td>
<td>Extended modules with 6CP</td>
<td>Breadth modules with 6CP</td>
<td>Elective modules with 6CP</td>
<td>30</td>
</tr>
<tr>
<td>2</td>
<td>Advanced Seminar Computer Science (3 CP)</td>
<td>Core modules with 6CP</td>
<td>Extended modules with 6CP</td>
<td>Breadth modules with 6CP</td>
<td>Elective modules with 6CP</td>
<td>30</td>
</tr>
<tr>
<td>3</td>
<td>Key Qualification (3 CP)</td>
<td>Core modules with 6CP</td>
<td></td>
<td></td>
<td>Elective modules with 24CP</td>
<td>30</td>
</tr>
<tr>
<td>4</td>
<td>Master's thesis (30 CP)</td>
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<td>30</td>
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</tbody>
</table>

*) The modules offered in the catalogs can be found in C@MPUS (Search – Degree Programmes).
**) 6CP are typically gained by 3V(lecture)+1U(exercise) = 45WS = 3h/week.
Exam regulations

- indicative English version here:
  [http://www.uni-stuttgart.de/pruefungsamt/studiengaenge/intmsc/PO_ComputerScience_MSc_engl.pdf](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](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](http://campus.uni-stuttgart.de)
- ILIAS: online platform for slides & further course information: [https://ilias3.uni-stuttgart.de](https://ilias3.uni-stuttgart.de)

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